

PEM PRICELIST 2010-1-1

EFFECTIVE MARCH 30TH, 2010
REPLACES ALL PREVIOUS PRICELISTS
SUBJECT TO CHANGE WITHOUT NOTICE
ALL PRICES ARE IN US DOLLARS EX FACTORY IN CANADA

PEM FOUNTAIN CO.

Div. of Imperial Irrigation Co. Ltd

A.N.A.B. Accredited Company

Member: C-TPAT, IAAPA

104 Newkirk Road
Richmond Hill, Ontario, Canada - L4C 3G3



SALES DEPARTMENT

Email: sales@pemfountain.ca

Tel. 1 - 905 - 737-7264 Extension # 302

Tel: 1 - 800-387-3600 Extension # 302

Fax: 1 - 905-884-8941

ACCOUNT DEPARTMENT:

Email : admin@pemfountain.ca

Tel. 1 -905 - 737-7264 Extension # 303

Tel: 1 -800-387-3600 Extension # 303

Fax: 1 - 905 - 737-7854

Fax & Email communications are available 24 / 7
Nearest airport (40km) is Pearson International Airport , Toronto, Canada

OFFICE HOURS

PEM FOUNTAIN CO. is located in the
EASTERN STANDARD TIME ZONE of North America (NEW YORK TIME)
Office hours are from 08.00 hrs - 16.00 hrs, Monday to Friday

INTERNATIONAL TERMS & CONDITIONS OF SALE

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PREFACE: The terms “**this manufacturer**” and / or “**this corporation**” refer to PEM Fountain Co.,
Division of Imperial Irrigation Company Ltd, a corporation under Ontario, Canada laws.

(1) ACCEPTANCE OF PURCHASE ORDERS

This manufacturer's acceptance of any order is expressly subject to the purchaser's assent to each and all of the terms and conditions set forth below. The purchaser's assent to these terms and conditions shall be conclusively presumed from the purchaser's receipt of this document without prompt written objection thereto or from the purchaser's acceptance of all or any part of the equipment ordered. No addition to or modification of said terms and conditions shall be binding upon this manufacturer unless specifically agreed to by the manufacturer in writing. If the purchaser's purchase order or other correspondence contain terms or conditions contrary to or in addition to the terms and conditions set forth below, acceptance of any order by this manufacturer shall not be construed as assent to such contrary or additional terms and conditions or constitute a waiver by this manufacturer of any of the terms and conditions.

(2) TERMS AND CONDITIONS OF SALE:

All goods offered by this manufacturer are custom made and or custom assembled, permitting alteration or changes in design, manufacture or assembly when so requested in writing prior to time of order and agreed to in writing by this manufacturer. Unless otherwise specified: (a) all prices, quotations, worksheets, shipments and deliveries by this manufacturer are ex this manufacturer's factory, not including any or all taxes, duties, transportation, insurance, certificates and / or visas. All prices together with related extras and deductions, are subject to change without notice and represent this manufacturer's price in effect at the time of quotation, worksheet & shipment. All transportation and other charges are for the account of Buyer, including all increase or decrease in such charges prior to shipment or while in transit to destination.

(2.1.) All prices are as stated in the applicable pricelist as of date of availability for shipment.

Requests for quotations must be on company letterhead with name and title of signator.

(2.2.) All descriptions, weights and / or dimensions are given according to the best knowledge available at the time of issuance and are subject to correction, change or additions without notice.

(2.3.) List Prices given do not include taxes, duties, transportation, insurance, certificates and / or visas.

Prices shown are the retail list prices, established trade discounts apply when so stated by this manufacturer.

First time purchasers : Enquire about trade discount !

These Terms & Conditions of Sale supersede all previous ones and are subject to change without notice .

(2.4.) Credit within given credit limits and terms can be allowed at the sole discretion of this manufacturer to established accounts with a satisfactory to the manufacturer payment record. Where a payment record shows a disregard to given credit terms by this manufacturer, no further credit will be allowed, prepayment for further order(s) is required. If a credit of net 30 days for an invoice is provided by this manufacturer, the payment for goods purchased on this invoice must arrive at this manufacturer within 30 days after date of invoice .There is no grace period for all unpaid credit accounts to lose their credit, discounts & distribution rights as given by this manufacturer. All goods purchased on credit will remain the property of this manufacturer who will retain title to these goods until paid for in full. All costs of credit collection to be paid by the purchaser. Purchases beyond existing credit terms must be prepaid .

(2.5.) Purchases under 10k value must be prepaid in total unless covered by existing credit terms.

Prepayment of order is acceptable when the payment is issued via valid bank transfer, draft or certified cheque

(2.6.) All Purchase orders above 10k value require 50 / 50 Payment terms unless covered in total or by 50% of total purchase order by existing credit terms. To purchase at these terms:

First obtain quotation from this manufacturer requesting 50 / 50 credit terms, which consists of :

50% prepayment with purchase order. Balance payable upon advice by this manufacturer that order is ready to ship.

Goods will only be released for shipment after final payment has been received in full. Failure of receiving final payment within 30 days after notification, that goods are ready for shipment will forfeit initial payment in favor of manufacturer.

NOTE: Actual manufacturing of order(s) does not commence until first payment is received or credit is assured.

(2.7.) Irrevocable letters of credit (accreditives) are only acceptable as payment by this manufacturer, if made out to the terms and conditions by this manufacturer (to be obtained before attempting to open a letter of credit (LC)) and guaranteed by the receiving - corresponding bank.

All costs for a letter of credit either by the opener or the beneficiary have to be paid by the opener!

The costs for a letter of credit are usually such, that the 50/50 terms would be much more favorable to purchaser.

(2.8.) All goods travel at purchaser's risk & cost, mode of transportation and transit insurance to be selected by purchaser selecting COD or CIF quotation. Transit Insurance (if available) can be quoted within a CIF quotation.

(2.9.) Cancellation of orders

All purchase orders for equipment manufactured for the buyer cannot be cancelled or modified by the buyer. Shipping releases cannot be held up by the buyer, after such goods are in process except with the express written consent of this manufacturer which shall include, without limitation the protection of this manufacturer against any or all losses.

(3) DEFAULT IN PAYMENT

If the purchaser fails to make full payments on any purchase order to this manufacturer in accordance with this manufacturer's terms and condition, this manufacturer in addition to any other remedies available to him, may at his option, defer further shipments until such payments are made in full and/or satisfactory credit arrangements are re-established or cancel the unshipped balance of any purchase order and forfeit deposits on hand where custom made and or assembled equipment is involved.

(4) CLAIMS

Claims respecting the condition of goods, compliance with specifications or any other matter affecting goods shipped to the purchaser must be made promptly and, unless otherwise agreed to in writing by this manufacturer, in no event later than within 3 days after receipt of the goods by the purchaser. In no event shall any goods be returned, reworked or scrapped by the purchaser without the express written authorization of this manufacturer.

(5) GOVERNING LAW

All purchase orders are accepted by this manufacturer at its mailing address in Richmond Hill, Ontario, Canada.

Trade Restrictions: This corporation has to abide by the laws of Ontario and Canada and comply with them.

Legal Status: For all transactions made by this corporation, the laws of Ontario ,Canada shall prevail.

(6) QUALITY ASSURANCE

This manufacturer shall have no obligation to ensure that any equipment or parts purchased from him meet any special purchaser's quality or performance specifications and/or any other special purchaser's requirements unless such specifications and/or other requirements are specifically set forth in the purchaser's purchase order and expressly accepted by this manufacturer in writing. In the event that any such goods supplied by this manufacturer or in connection therewith, are applied by and to an end user without the appropriate specification and/or other requirements as having been set forth in the purchaser's purchase order and expressly accepted by this manufacturer in writing, the purchaser shall indemnify and hold this manufacturer harmless against any and all damages or claims for damages made by any person or for any injury, fatal or nonfatal, to any person or for any damage to the property of any person incident to or arising out of such application.

(7) WARRANTY

This manufacturer warrants that its products will conform to and perform in accordance with the products specifications when properly installed in compliance with all installation and/or use information provided by this manufacturer.

All PEM products as made by this manufacturer are warranted for a period of 1 (one) year after date of this manufacturer's invoice to be free of defects in workmanship and material. Warranty repairs are made free of charge at the works of this manufacturer or authorized place of repair. Claims under this warranty must be made in writing and written authorization by this manufacturer must be obtained before prepaid return of goods for warranty service. Warranty for goods of other manufacturers purchased through this corporation as part of PEM equipment or by itself, will be as given by the original manufacturer without any obligation to this corporation. PEM products damaged by direct into pool water injected Ozone as water purification are not covered by this warranty. This manufacturer warrants that to the best of his knowledge his products do not infringe upon any copyright, patent, or trademark. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to those concerning fitness for a particular purpose.

(8) LIMITATION ON LIABILITIES

Where this manufacturer does not control the application, handling, installation and / or use of its products offered and sold, this manufacturer does not assume any responsibility whatsoever for any or all claims, consequences and / or conditions arising out of the purchase, handling, installation and / or use of its products offered and sold. Because of the difficulty of ascertaining and measuring damages hereunder, it is agreed that, except for claims for bodily injury, this manufacturer's liability to the purchaser or any third party, for any losses or damages, whether direct or otherwise arising out of the purchase of product from this manufacturer by the purchaser shall not exceed the total amount billed and billable to the purchaser for the product hereunder. In no event shall this manufacturer be liable for any loss of profits or other special or consequential damages, even if this manufacturer has been advised of the possibility of such damages.

(9) TECHNICAL ASSISTANCE

Unless otherwise expressly stated by this manufacturer: (a) any technical advice provided by this manufacturer with respect to the use of equipment furnished to the purchaser shall be without charge and this manufacturer does not assume an obligation or liability for any such advice, or for any results occurring as a result of the application of such advice. The purchaser shall have sole responsibility for selection and specification of the goods appropriate for the end use of such goods.

(10) ELECTRICAL APPROVALS

Approvals of PEM electrical equipment are as indicated in the PEM Catalog for each applicable item. EU-CE Declarations of conformity are supplied with electrical, low voltage equipment shipped into Europe, for sample declaration contact European Importer.

(11) PATENTS

This manufacturer shall not be liable of any costs or damages incurred by the purchaser as a result of any suit or proceeding brought against the purchaser so far as based on claims that use of any equipment, or any part thereof, furnished hereunder, in combination with products not supplied by this manufacturer or that a manufacturing or other process utilizing any equipment, or any part thereof furnished hereunder, constitute either direct or contributory infringement of any patent. The purchaser shall hold this manufacturer harmless against any expense or loss resulting from infringement or patents or trademarks arising from compliance with the purchaser's designs, specifications or instructions.

(12) CHANGES

Price Lists, Terms & Conditions of Sale, are subject to change, alteration, deletion and / or improvement without notice.

(13) COMPLETE AGREEMENT

The terms and conditions set forth herein together with any other documents incorporated herein by reference constitute the sole and entire agreement between the purchaser and this manufacturer with respect to any order superseding completely any oral or written communications. No additions to or variations from such terms and conditions whether contained in purchaser's purchase order, any shipping release or elsewhere shall be binding upon this manufacturer unless expressly agreed to in writing by this manufacturer.

IMPORTANT INFORMATION:

**THIS PRICELIST IS INITIALLY SUBMITTED BY INTERNET IN PDF FORMAT
READILY DOWNLOADED WITH THE FREE ADOBE ACROBAT READER SOFTWARE
AVAILABLE AT THE PEM WEBSITE: www.pemfountain.ca
THIS PRICELIST IS ALSO AVAILABLE UPON DEMAND IN EXCEL ON CD**

*For 'Spec. Page' designated products
Check the WEBSITE AT INDEX # AS INDICATED and if not found request information by Email
from :
sales@pemfountain.ca*

INTERNATIONAL BANK PAYMENT INFORMATION

Our Bank: TD Canada Trust
Branch #1085 -
220 Commerce Valley Drive West
Unit # 100
Markham, Ontario, Canada L3T 0A8
Clearing Code: # CC0004 10852
Transit # 10852 004
Account: # 1085 7300743
Swift Code: #TDOMCATTOR
US \$ INCOMING BANK INFORMATION*

*INTERMEDIARY BANK
BANK OF AMERICA, NEW YORK, NEW YORK- ABA #026009593

FOR CREDIT TO:
TD CANADA TRUST/TORONTO
BENEFICIARY NAME:
**IMPERIAL IRRIGATION CO. LTD ,
PEM FOUNTAIN CO. OF**
BENEFICIARY BANK INFO:
**TD CANADA TRUST
220 Commerce Valley Drive West
Unit # 100
Markham, Ontario, Canada L3T 0A8
CLEARING CODE: //CC0004 10852
TRANSIT #10852 004 ACCOUNT #1085 7300743
SWIFT CODE: TDOMCATTOR**

* The following additional information might be required:
The top portion "*" INTERMEDIARY BANK"* is strictly for payments from
banks in countries that need to be routed through another bank first.
The bank(s) may or may not need it. It depends on the bank.

This pricelist with all contents is internationally copyrighted © 2010 by PEM Fountain Co.,
a Division of Imperial Irrigation Co. Ltd.

All rights are reserved.

The trademark '**PEM**' is a registered and patented trademark in major countries
throughout the world identifying equipment as manufactured by and for
PEM Fountain Co., a Division of **Imperial Irrigation Co. Ltd.**, an Ontario, Canada, Corporation.

Catalog Pages : Refer to PEM 2008-1 Edition Catalog Pages			
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Pool Fittings, 1 1/2" - 4"	6440 - 6443	10	60
Pool Fittings, 2" - 4"	6442 - 6444	10	61
Pool Fittings, 4" - 8"	6444 - 6448	10	62
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SERIAL	PEM	Website INDEX # 5	Wt.	Suggested
506-0000	Cat.	LAMINAR JET PEM 124-1 & JUMPING JETS PEM 125M2 & PEM 141M2	Kg	List Prices
		CUSTOM MADE TO ORDER		
				\$
		LAMINAR STREAM JET 124-1		
		Illuminated Laminar Stream Jet, 10mm or 13mm Stream (Specify Size!)		
506-4101	124-0	12VAC, MR16-65W Halogen Lamp	9.3	1,319.29
506-4102	124-1	w. Stand, 12VAC, MR16-65W Halogen Lamp	14.0	1,609.98
506-42213	124B,LED	Color Changing Illum., 1", LED-24VDC,MR16-4W RGB,MDX	9.6	1,724.98
506-42214	124B,LED	Color Changing Illum.,w. Stand, 1", LED- 24VDC, MR16-4W RGB,MDX	15.0	2,112.30
506-42001	124-001	NO Illumination, Deduct From Price		139.76
506-4103	124A-0	10mm Stream, for Fibre Optic Illumination, Spec. Cable Size	9.1	1,319.29
506-4104	124A-1	10mm Stream,Stand, for Fibre Optic Illumination, Spec. Cable Size	13.3	1,609.98
506-4121	124-X13	Extra, Optional, 10mm or 13mm Nozzle (Specify Size)	0.3	279.51
		125 M2 Illuminated Jumping Jet, 10 or 13mm Stream (Specify Size)		0.00
506-4201	125M2	Illuminated Jumping Jet, 1", 24VDC, 12VAC,MR16- 65W	41.0	4,108.80
506-4212	125M2-14	Illum. Jumping Jet w. Stand, 1", 24VDC, 12VAC,MR16-65W	60.0	4,975.28
506-4213	125M2-14,LED	Color Changing Illum. Jumping Jet, 1", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	60.0	4,512.09
506-4214	125M2-14,LED	Color Changing Illum. Jumping Jet w. Stand, 1", LED- 24VDC, 24VDC,MR16-4W RGB,MD	60.0	5,321.34
506-4220	125M2A	Jumping Jet,1", 24VDC, For Fibre Optic Illumination, Spec. Cable Size	41.0	4,108.80
506-4222	125M2A-14	Jumping Jet w. Stand, 1", 24VDC, For Fibre Optic Illumination, Spec. Cable Size	60.0	4,975.28
506-421	125M2-05	Drop Catcher Assembly, Optional for # 125M2	2.0	880.46
506-423	125M2-X13	Extra, Optional, 10mm or 13mm Nozzle (Specify Size)	0.3	279.51
506-4236	125M2-36-M	Jumping Jet, Stand & Single Test Control, 120V,60Hz **	65.0	7,113.53
506-4237	125M2-37-M	Jumping Jet, Stand & Single Test Control, 230V,50Hz **	65.0	7,113.53
506-42001	125M2-001	NO Illumination, Deduct From Price		139.76
		** = Same Price for Fibre Optic Illumination (Not Included) Provision, Spec. Cable Size		
		132M2, 19.05mm Stream		
506-4257	132M2-M	Jumping Jack Jet, Test Unit (Jet & Control)	85.0	14,450.67
506-4368	132M2	Jumping Jack Jet, 1 1/2", 24 VDC	80.0	12,913.36
506-4361	-61	Single Foot Mounting Stand	4.1	1,229.84
506-4362	-62	Double Mounting Braces	1.3	461.19
		133M2, 19.05mm Stream		
506-4414	133M2	Jumping Jack Jet, 4", 24VDC	60.0	8,608.91
		Please read and understand the catalog for installation requirements!		
		141M2, 13mm or 16mm Stream (Specify Size)		
506-4504	141M2	Illuminated Jumping Jet, 1 1/2", 24VDC, 12VAC,MR16-65W Halogen	55.0	8,916.37
506-4518	141M2-11	Illuminated Jumping Jet w. Stand, 1 1/2", 24VDC, 12VAC,MR16-65W Halogen	75.0	10,392.18
506-4213	125M2-14,LED	Color Changing Illum. Jumping Jet, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	60.0	10,644.01
506-4214	125M2-14,LED	Color Changing Illum. Jumping Jet w. Stand, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,M	60.0	10,908.88
505-4520	141M2A	Jumping Jet, 1 1/2" VDC for Fibre Optic Illumination, Spec.Cable Size	55.0	8,608.91
505-4522	141M2A-11	Jumping Jet w. Stand, 1 1/2" VDC for Fibre Optic Illumination, Spec Cable Size	75.0	9,838.75
506-4526	141M2-11-M	Jumping Jet, Stand & Single Control 120V,60Hz **	80.0	12,851.87
506-4527	141M2-11-M	Jumping Jet, Stand & Single Control 230V,50Hz **	80.0	12,851.87
506-45044	141M2-X16	Optional 13mm or 16mm Nozzle (Specify Size)	0.3	307.46
506-45001	141M2-001	NO Illumination, Deduct From Single Price		153.73
		** = Same Price for Fibre Optic Illumination (Not Included) Provision, Spec. Cable Size		

SERIAL	PEM	Website INDEX: 200 SECTION	W.	Suggested
506-0000	Cat.	JUMPING JETS PEM 142M2, PEM 143M2 & PEM 144M2	Kg	List Prices
		(Where so indicated the jets are provided for Fibre Optic Illumination (Not included !)		\$
		142M2, VERTICAL JUMPING JET, 12.9mm or 15.9mm Stream - (Specify Size)		
506-4605	142M2	Illum. Jumping Jet, 1 1/2", 24 VDC, 12VAC Halogen	50.0	7,546.77
506-4619	142M2-11	Illum. Jumping Jet w. Stand, 1 1/2", 24 VDC, 12 VAC Halogen	70.0	8,888.42
506-46051	142M2-LED	Color Changing Illum. Jumping Jet, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	52.0	7,946.07
506-46191	142M2-11-LED	Color Changing Illum. Jumping Jet w. Stand, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	72.0	9,277.07
506-4606	142M2A	Jumping Jet, 1 1/2", VDC, for Fibre Optic Illumination, spec Cable Size	50.0	7,267.26
506-4820	142M2A-11	Illum. Jumping Jet w. Stand, 1 1/2", VDC for Fibre Optic Illumination, spec Cable Size	70.0	8,385.30
506-4622	142M2-11-M	Jumping Jet, Stand & Single Control 120V,60Hz **	80.0	11,404.01
506-4638	142M2-11-M	Jumping Jet, Stand & Single Control 230V,50Hz **	80.0	11,404.01
506-4602	142M2-X16	Extra 12.9 or 15.9 6mm Nozzle (Specify Size)	0.3	279.51
506-46001	142M2-001	NO Illumination, Deduct From Single Price		139.76
		** = Same Price for Fibre Optic Illumination (Not Included) Provision, Spec. Cable Size		
		143M2, 19.05mm or 15.88 mm Stream - (Specify Size)		
		(Error in catalog, Nozzle Size 10.05mm to read 19.05mm)		
506-4705	143M2	Illuminated Jumping Jet, 1 1/2", 24VDC, 12VAC	90.0	13,220.82
506-4719	143M2-11	Jumping Jet With Stand	125.0	14,143.21
506-47051	143M2 LED	Color Changing Illum. Jumping Jet, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	92.0	13,636.10
506-47191	143M2-11 LED	Color Changing Illum. Jumping Jet w. Stand, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	127.0	14,594.42
506-4720	143M2A	Jumping Jet, 1 1/2" VDC for Fibre Optic Illumination, spec. Cable Size	90	12,913.36
506-4722	143M2A-11	Jumping Jet w. Stand, 1 1/2" VDC for Fibre Optic Illumination, spec Cable Size	125	13,835.75
506-4727	143M2-11-M	Jumping Jet, Stand & Single Control 120V, 60Hz **	130.0	15,987.97
506-4728	143M2-11-M	Jumping Jet, Stand & Single Control 230V, 50Hz **	130.0	15,987.97
506-4736	143M2-36	Extra Set of Flow Sieves	5.0	922.38
506-4702	143M2-X18	Extra 19.05mm or 15.88mm Nozzle (Specify Size)	0.3	307.46
506-47001	142M2-001	NO Illumination, Deduct From Single Price		153.73
		** = Same Price for Fibre Optic Illumination (Not Included) Provision, Spec. Cable Size		
		144M2, 18.0mm, 22.2mm or 25.4mm Stream (Specify Size)		
506-4742	144M2A	Jumping Jet, 2" VDC for Fibre Optic Illumination in Pool, spec.Cable Size	95.0	15,680.51
506-4743	144M2A-11	Jumping Jet w. Stand, 2" VDC for Fibre Optic Illumination in Pool, spec. Cable Size	130.0	16,295.43
506-47421	144M2A LED	Color Changing Illum. Jumping Jet, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	97.0	15,956.03
506-47431	144M2A-11 LED	Color Changing Illum. Jumping Jet w. Stand, 1 1/2", LED- 24VDC, 24VDC,MR16-4W RGB,MDX	132.0	16,767.94
506-4746	144M2B	Jumping Jet, 2" VDC for Fibre Optic Illumination, Out of Pool, spec Cable Size	95.0	16,910.36
506-4747	144M2B-11	Jumping Jet w. Stand, 2" VDC for Fibre Optic Illumination Out of Pool, spec.Cable Size	130.0	17,525.28
506-4751	144M2-1	Jumping Jet, 2", 24VDC, 12VAC (A, B or C) In Pool Installation	95.0	16,602.89
506-4752	144M2-1-11	Jumping Jet, 2" With Stand (A, B or C) In Pool Installation	130.0	18,140.20
506-4754	144M2-2	Jumping Jet, 2", 24VDC, 12VAC (A, B or C) Out of Pool, Dry, Installation	95.0	19,062.58
506-4755	144M2-2-11	Jumping Jet, 2" With Stand (A, B or C) Out of Pool, Dry, Installation	130.0	19,677.50
506-4761	144M2-61	Extra , 18.0mm, 22.2mm or 25.4mm Nozzle (Specify Size)	0.5	614.92
506-47001	144M2-001	NO Illumination, Deduct From Single Price		153.73
		TEST CONTROLS FOR ALL M2 JETS		
506-4768	144M2-68	For 144M2 only -Drain Tube for Testing, 100mm/4" x 3m/10 Feet, Crated.	0.3	614.92
506-4771	144M2-71	Single Jet Test Control, 120V - 60 Hz	2.5	1,383.57
506-4771	144M2-72	Single Jet Test Control, 240V - 50 Hz	2.5	1,383.57
		REPLACEMENT PARTS (AFTER WARRANTY) - Immersed Cut Off Assemblies - NO WARRANTY!!		
506-4769	144M2-69	Extra Set of Internal Flow Sieves, spec, Cat. #	7.0	1,229.84
506-4801	M2-01	125, 132, 133, 141, 142, 143 & 144M2 Cut Off Assembly	8.5	1,844.77
506-4833	M2-33	124-1 & 125, 141, 142 & 143M2 Light Lenses w. Seal Ring	0.5	107.61
506-4851	144 M2-51	144M2 Fibre Optic Termination Lens w. Seal Ring	0.1	107.61
506-4862	132 M2-62	132 & 133M2 Flow Straightening Cartridge (2 Required)	2.5	922.38
506- 4870	143 M2-70	143M2 Swing Cover 'O' Ring Seal	0.2	76.87
		For Sequencers In All Sizes & Applications. Please Enquire		

	ORDER #	PEM CAT.	DESCRIPTION	Kg	List Prices
 W114 No Stand	420-0003	00-03	Voltage Test Device for : 12AC, 24 VAC & 24 DC	1.20	266.20
			PEM W114 -1, 1" w. Cable Disconnect		
	490-45400	W114-1	PEM W115-1 with standard solenoid valve	1.80	1,015.82
	490-45402	W114-2	PEM W114-2 fitted for manual control	1.10	851.84
			PEM W114 Optional Fittings		
	490-44005	110-5	Manual Step On Control (with 3.0m/10.0' tubing)	3.4	633.56
	490-40200	08-2	PEM W114-1-08-2, 3/4" Vertical Adjustment Flange	0.60	110.90
	420-0911	09-4	PEM W 114, W 115-Stainless Steel Box Stand Assembly	2.40	146.41
	490-45490	10-1	PEM W 114-Flex.Hose Assembly (25mm x 1.0m, 1" NPT)	2.30	135.76
	490-45494	12-4	PEM W114-1" NPT/ BSP Quick Disconnect	0.20	90.51
 W114 with stand	420-02400	24-0	PEM W114-Mounting Coupling, PVC, 1" x 1 1/2" NPT	0.20	90.51
	420-02410	24-1	PEM W114-Mounting Coupling, PVC, 1" x 2" BSP	0.20	58.83
			PEM W114 - MAIN JETS		
	490-20531	812-1	PEM 812-1, 12mm, 3/4" NPT/BSP, 150mm Riser	0.5	90.51
	490-20533	812-2	PEM 812-2, 14mm, 3/4" NPT/BSP, 150mm Riser	0.8	98.49
	490-45420	952	PEM 952 with PVC Reducer	0.80	332.75
	490-45430	953	PEM 953 with PVC Reducer	1.20	452.54
			PEM W114 - SECONDARY JETS		
	490-45450	02-1	PEM 02-2 Secondary Jet with lockable exhaust fittings	1.10	200.48
	490-45460	31-25	PEM 31-25 Secondary Jet with lockable exhaust fittings	1.80	449.15
 W115 No Stand	490-45470	812-1	PEM 812-1, 12mm, 3/4" NPT/BSP, 150mm Nipple	1.40	169.25
			PEM W115-1, 1 1/2" with Cable Disconnect		
	490-45500	W115-1	PEM W115-1 with standard solenoid valve	2.10	1,100.47
	490-45510	W115-2	PEM W115-2 fitted for manual control	1.40	1,051.49
			PEM W115-1--MANUAL CONTROLS		
	490-44005	110-5	Manual Step On Control (with 3.0m/10.0' tubing)	2.90	905.08
			PEM W 115-1--- OPTIONAL FITTINGS	1.40	157.55
	490-40500	08-5	PEM 08-5, 1 1/2" Vertical adjustment Flange	0.80	142.50
	490-45696	12-6	W115 1 1/2" NPT/ BSP Quick Disconnect	2.30	196.99
	420-0911	09-4	PEM W 114, W 115-Stainless Steel Box Stand Assembly	2.50	159.72
 W115 with Stand			PEM W116-1, 2" with Cable Disconnect		
	490-45600	W116-1	PEM W116-1 with standard solenoid valve	2.80	1,289.74
	490-45602	W116-2	PEM W116-2 fitted for manual control	1.60	1,184.59
			PEM W116-2--MANUAL CONTROLS		
	490-44005	110-5	Manual Step On Control (with 3.0m/10.0' tubing)	2.90	633.56
			PEM W116-1--OPTIONAL FITTINGS		
	490-40600	08-5	PEM 08-6, 2" Adjustment Flange	1.70	175.29
	490-45697	12-7	W116-2" NPT/BSP Quick Disconnect	1.10	181.02
	490-46201	200	Custom Stand for Horizontal W116 Water Switch	6.00	279.51
			MAIN JETS for PEM W115 & PEM W116		
 W116 No Stand	490-45510	815-2	PEM 815-2, 17mm x 1 1/2 x 300 mm PVC pipe w. fittings	5.50	271.52
	490-45610	815-3	PEM 815-4, 19mm x 1 1/2" x 300mm PVC pipe riser & fittings	6.50	316.78
	490-45620	815-5	PEM 815-5, 20mm x 1 1/2" x 300mm PVC pipe riser & fittings	1.60	362.03
	490-45625	846C	PEM 846C, 19.1mm x 1 1/2" x 300mm PVC pipe riser & fittings	2.70	554.49
	490-45630	953	PEM 953, 1 1/2"	1.40	765.54
	490-45640	954	PEM 954 with 1 1/2" PVC Reducer	2.90	638.88
	490-45650	626	PEM 626 with 1 1/2" x 300mm PVC pipe	2.50	519.09
	490-45660	02-6-1	PEM 02-6-1 with 1 1/2" x 300mm PVC pipe	2.60	452.99
			Inside/Female Threads can be re-tapped to BSP		
			For custom fitted cable & cable size enquire		
 W116 with Stand			Use Flow Straighteners for Jets		

		PEM CUSTOM MADE WATER SWITCH & JET ASSEMBLIES	WT.	LIST
		PEM W 114 , 1" Water Switch Assemblies		PRICES
Serial	PEM	12 VAC = Standard operating voltage	Kg	\$
#	#	24VAC, 24VDC, 120VAC, 230VAC available at extra cost, please enquire		
		Always specify operating voltage with every enquiry/order		
492-1011	W114CS-1003-01	W 114 Water Switch with 812-1 Stream Jet	2.4	1,051.49
492-1013	W114CS-1003-02	W 114 Water Switch, 812-1 Stream Jet, with 09-4 stand & 1" Elbow	4.6	1,184.59
492-1021	W114CS-1005-01	W 114 Water Switch with 952 Aerated Jet	3.3	1,104.73
492-1022	W114CS-1005-02	W 114 & 952 Aerated Jet, with 09-4 stand & 1"NPT/BSP Elbow	4.9	1,237.83
492-1031	W114CS-1007-01	W 114 Water Switch,with M 933 Multi Stream Jet	5.1	1,091.42
492-1032	W114CS-1007-02	W 114 & M 933 Multi Stream Jet, with 09-4stand & 1"NPT/BSP Elbow	4.9	1,224.52
		OPTIONAL		
420-1043	W114-1043	1 " x 1.0m Flex Tubing with Quick Disconnect Coupling to 1" NPT/BSP	3.2	119.79
420-1231	W114-1231	3/4" NPT/BSP, PVC Checkvalve , Optional to above for improved performances	1.2	90.51
		3/4" NPT x close - 50mm Pipe Nipple	0.2	11.98
		PEM W 115 , 1 1/2" x 1 1/2" Water Switch Assemblies		
492-2011	W115CS-2011-1	W 115 Water Switch & 815-1 Stream Jet	4.9	1,583.89
492-2012	W115CS-2011-2	W 115 & 815-1 Stream Jet, with 09-4 stand & 1 1/2" Pipe Elbow	5.5	1,716.99
492-2051	W115CS-2015-1	W 115 & 953, 1 1/2" / 40mm Aerated Jet	4.9	1,650.44
492-2052	W115CS-2015-2	W 115 & 953, 1 1/2" / 40mm Aerated Jet, with 09-4stand & 1 1/2"NPT/BSP Elbow	5.5	1,850.09
492-2081	W115CS-2018-1	W 115 & 954, 2"/50mm Aerated Jet	4.9	1,716.99
492-2082	W115CS-2018-2	W115 & 954, 2"/50mm Aerated Jet, with 09-4 stand & 1 1/2"NPT/BSP Elbow	5.5	1,903.33
420-1047	W115-1047	1 1/2" x 1.0m Flex Tubing with Quick Disconnect Coupling to 1 1/2" NPT/BSP	5.7	186.34
420-1236	W115-1236	1 1/2" NPT/BSP, PVC Checkvalve , Optional to above for improved performances	1.2	119.79
		PEM W 116 , 2" x 1 1/2" Water Switch Assemblies		
492-3011	W116CS-3011-1	W 116 Water Switch & 815-5 Stream Jet w. 1 1/2" riser w Flow Straightener.	4.9	1,703.68
492-3012	W116CS-3011-2	W116 & 815-5 Stream Jet, with 0200 stand,riser & 2" Pipe Coupling	5.5	2,102.98
492-3031	W116CS-3013-1	W 116 Water Switch & 846 Stream Jet w. 1 1/2" riser w Flow Straightener.	4.9	1,810.16
492-3032	W116CS-3013-2	W 116 Water Switch & 846 Stream Jet w. 1 1/2" riser w Flow Straightener & 0200 stand	5.5	2,222.77
492-3051	W116CS-3015-1	W116 & 954, 2" / 50mm Aerated Jet	4.9	1,943.26
492-3052	W116CS-3015-2	W 116 & 953, 1 1/2" / 40mm Aerated Jet, with 0200 stand & 2"NPT/BSP Coupling	5.5	2,222.77
492-3081	W116CS-3018-1	W 116 & 955, 3"/76mm Aerated Jet	4.9	2,515.59
492-3082	W116CS-3018-2	W 116 & 955, 3"/76mm Aerated Jet, with 0200 stand & 2"NPT/BSP Coupling	5.5	2,994.75
420-1058	W116-1058	2" x 1.0m Flex Tubing with Quick Disconnect Coupling to 2" NPT/BSP	7.4	319.44
420-1236	W115-1236	1 1/2" NPT/BSP, PVC Checkvalve , Optional to above for improved performances	1.2	119.79
		09-4 Stand Assembly is for vertical water switch & jet installation		
		0200 Stand Assembly is for horizontal water switch & vertical jet installation		
		Assemblies include the parts described, for other parts see SECTION 8 of 9		
		For dimensions please enquire with catalog #		
		For Assemblies not listed, specify requirements & request quotation		



W150-V-1



W150-V-14



W150-V-14 + 846



W150-H-05



W150-H-14-05-14



W150-H-14-05 + 846

SERIAL	PEM	PEM W150, 1 1/2" WATER SWITCHES	Wgt	Suggested
		Cast Bronze Construction w.(3) threaded Flanges	Kg	List Prices
		FRESH WATER FIXTURES		Fob Factory
		FOR SALT WATER USE, PLEASE ENQUIRE		\$
		Similar Performances as PEM W 115		Each
		Specify Operating Voltage, 12VAC, 24VAC or 24VDC		
		PEM W150-1, 1 1/2" VERTICAL WATER SWITCH		
493-45500	W150-1V	PEM W150-1 with standard solenoid valve & cable disconnect	2.1	1,653.60
493-45510	W150-2V	PEM W150-2 fitted for manual control	1.4	1,580.00
		PEM W150-1, 1 1/2" HORIZONTAL WATER SWITCH		
493-45600	W150-1H	PEM W150-1 with standard solenoid valve & cable disconnect	2.1	1,736.28
493-45610	W150-2H	PEM W150-2 fitted for manual control	1.4	1,659.00
493-45605	W150-05	Mounting Brackets (4) to bolt down unit.	1.3	80.40
		PEM W150-1--MANUAL CONTROLS		
493-44005	110-5	Manual Step On Control (with 3.0m/10.0' tubing)	2.9	748.00
		PEM W 150-1--- OPTIONAL FITTINGS		
493-45514	W150-14	PEM W150-14, 1 1/2" 90 Degree Exhaust Brass Street Elbow	1.4	88.00
490-40500	08-5	PEM 08-5, 1 1/2" Vertical adjustment Flange	0.8	117.77
490-45696	12-6	W115 1 1/2" NPT/ BSP Quick Disconnect	2.3	162.80
493-45515	W150-15	PEM W150-15, 1 1/2" x 50mm Brass Pipe Nipple (for 12-6)	0.4	14.50
493-45516	W150-16	PEM W150-15, 1 1/2" x 100mm Brass Pipe Nipple	0.6	24.50
493-45517	W150-17	PEM W150-15, 1 1/2" x 150mm Brass Pipe Nipple	0.9	35.60
503-6017	01057	PEM 01057, 1 1/2" Flow Straightener in 45mm Brass Pipe Nipple	2.6	47.45
		Extra Bronze Flanges ,Gasket, St.St. Bolts etc.		
493-45621	W150-21	Bronze Flange, Threaded BSPT 1 1/2 " (40mm)	3.0	44.00
493-45623	W150-23	Bronze Flange, Threaded ASA NPT 1 1/2 " (40mm)	3.0	44.00
493-45627	W150-27	3/8" x 1.5" st. st. Hex.Bolts/ Nuts (6 required)	0.2	9.50
493-45628	W150-28	3/8" st.st. Washers (6 required)	0.2	1.00
493-45629	W150-29	1 1/2" Flange Rubber Gasket (3 required)	0.2	9.24
		SUGGESTED MAIN JETS for PEM W150		
490-45510	815-2	PEM 815-2, 17mm & 1/2 x 100mm & 50mm Brass pipe,01057 & Coupling	5.5	246.84
490-45610	815-3	PEM 815-4, 19mm & 1 1/2 x 100mm & 50mm Brass pipe,01057 & Coupling	6.5	287.98
490-45620	815-5	PEM 815-5, 20mm & 1 1/2 x 100mm & 50mm Brass pipe,01057 & Coupling	1.6	329.12
490-45625	846C	PEM 846C, 19.1mm & 1 1/2 x 150mm & 50mm Brass pipe,01057 & Coupling	2.7	504.09
490-45630	953	PEM 953, 1 1/2" & 50mm Brass pipe & Coupling	1.4	695.95
490-45640	954	PEM 954 with 2" x 1 1/2" Brass Reducer & 50mm Brass pipe & Coupling	2.9	580.80
490-45650	626	PEM 626 with 1 1/2" x 150mm Brass pipe	2.5	471.90
490-45660	36928	PEM 02-6-1 1 1/2 x 150mm & 50mm Brass pipe,01057 & Coupling	2.8	411.81
		Inside/Female Pipe Threads can be supplied BSP or NPT		
		For custom fitted cable & cable size & length please enquire		
		Use 1 extra Flow Straighteners for all Jets on W150 Water Switches		

			Wgt	Suggested	
		PEM W300, 3" WATER SWITCHES	Kg	List Prices	
			NET	\$	
SERIAL	PEM	FRESH WATER FIXTURES	WEIGHT		
		FOR SALT WATER USE, PLEASE ENQUIRE	Kg		
		Description	Each		
493-0020	W300V	3" Vertical Water Switch,12VAC,24VAC,24VDC	30.0	3,460.00	
		Weight with SHIPPING CRATE (Plywood)	55.0		
493-0022	W300H	3" Horizontal Water Switch,12VAC,24VAC,24VDC	30.0	3,196.00	
		Weight with SHIPPING CRATE (Plywood)	55.0		
493-1122	W300H	3" Horizontal Water Switch,12VAC,24VAC,24VDC,	30.0		
		mounted on W300H-11 Stainless Steel Stand	37.0	3,646.00	
		Weight with SHIPPING CRATE (Plywood)	62.0		
		OPTIONAL FITTINGS			
493-1100	W300H-11	Stainless Steel Stand for W300H only	7.0	450.00	
		Bronze Flanges ,Gasket, St.St. Bolts			
650-3461	6546,BSP	Bronze Flange, Threaded BSPT 3" (75mm) (3 required).	3.0	328.19	
650-3462	6546,ASA	Bronze Flange, Threaded NPST 3".(3 required)	3.0	328.19	
493-0223	W300-223	5/8" x 3" st. st. Hex.Bolts/ Nuts (12 required)	0.2	7.50	
493-0224	W300-224	5/8" st.st. Washers (24 required)	0.2	0.80	
493-0225	W300-225	3" Flange Rubber Gasket (3 required)	0.2	8.40	
		PVC Flanges ,Gaskets, St.St. Bolts			
		(Not available for 75mm BSP/Metric Size, use applicable metric Fittings)			
493-0331	W300-331	PVC 80, Flange, Socket 3" PVC	0.7	39.00	
493-0332	W300-332	PVC 80, Flange, Threaded 3" NPT	0.7	85.00	
493-0223	W300-223	5/8" x 3" Flange st st. Hex. Bolts / Nuts (12 required)	0.2	7.50	
493-0224	W300-224	5/8" st.st Washers (24 required)	0.2	0.80	
493-0225	W300-225	3" Flange Rubber Gasket (3 required)	0.2	8.40	
		Manifold PVC (3" - 76.2 mm) Pipe Fittings			
		(Not available for 75mm BSP/Metric Size, use applicable metric Fittings)			
493-0412	W300-412	3" PVC,Socket Vertical Check Valve	2.7	390.00	
493-0426	W300-426	PVC # 40, 3" Socket Tee	0.9	45.00	
493-0436	W300-436	PVC # 40, 3" Socket x Male NPT Adapter	0.2	42.00	
493-0445	W300-445	PVC # 40 Pipe Nipple, 10cm	0.1	28.00	
493-0448	W300-448	PVC # 40 Pipe, 50cm	1.4	34.00	



W300V

3" Vertical Water Switch



W300H

3" Horizontal Water Switch



W300H

3" Horizontal Water Switch
On W300H-11 Stand

		The goods and prices offered herein are subject to the terms and conditions of sale as published by PEM Fountain Co., Div. of Imperial Irrigation Co.Ltd, available upon demand from: sales@pemfountain.ca	W.	List Prices	List Prices
SERIAL	PEM	DESCRIPTION	Kg	Complete Units	Parts Only
				\$	\$
90701200	M 701-200	M701-200 MODULE FOR 8" / 200mm PIPE CASING	7.0	891.20	
		Including			
		1 selected Brass Spray Nozzle, Nozzle Wrench (1 per complete order), 3/4" NPT / BSP Connection, 3.0m/10' Illumination cable, Aluminum Installation / Winter Cover, Not for Water Switch installation.			
		Limited max 2° vertical adjustment after installation. Lamps are not included - must be ordered separately			
90701300	M701-300	M701-300 MODULE WITH WATER SWITCH FOR 8" / 200mm PIPE CASING	7.0	1,952.67	
		Including			
		1 selected Brass Spray Nozzle, Nozzle Wrench (1 per complete order), 3/4" NPT / BSP Connection, 3.0m/10' Illumination cable,Aluminum Installation / Winter Cover,Not for Water Switch installation.			
		Limited max. 1.5° vertical adjustment after installation. Lamps are not included - must be ordered separately W 114 Water Switch, 12VAC,24VAC or 24VDC Solenoid Coil, 3.0m/10' Electrical cable.			
		3/4" Vertical Ball Checkvalve. 1" Quick Pipe Coupling for Water Switch			
		FACTORY FITTED CASINGS FOR ABOVE M 701 MODULES			
90701210	M 701-210	8" / 225mm PVC pipe casing with specified fittings installed for Module M701-200	25.0	980.00	
90701260	M 701-260	8" / 225mm 304 Stainless Steel casing with specified fittings installed for Module M701-200	39.0	1,400.00	
90701340	M 701-340	8" / 225mm PVC pipe casing with specified fittings installed for Module M701-300, with Water Switch	30.0	1,090.00	
90700370	M 701-370	8" / 225mm 304 Stainless Steel casing with specified fittings installed for Module M701-300, with Water Switch	44.5	1,870.00	
		* = INCLUDED IN FACTORY FITTED CASINGS			
		SPECIFIED FITTINGS for factory supplied casings			
		or required			
		for self supplied & fitted PVC CUSTOM casings for PEM 701 Modules			
		Lamps are not included - must be ordered separately			
90701221	M 701-221	Spray adjustment valve, with J 13-7 bulkhead seal, 1" NPT / BSP	0.8	*	134.00
90701222	M 701-222	Valve wrench (200mm / 8" x 4mm / 0.187" hex) 1 per complete order	1.1	*	30.00
90701223	M 701-223	1/2" / 3/4" NPT / BSP, J13-5 Type Bulk Head Seal for illumination cable	1.2	*	28.00
90701224	M 701-224	25mm / 1.000" O.D. x 1.0m / 39.37" of flex tube	1.8	*	33.60
90701225	M 701-225	Long Handle Drain Compression Wrench (1 per complete order)	2.3	*	56.00
90701227	M 701-227	1/2" / 3/4" NPT / BSP, J13-5 Type Bulk Head Seal for Water Switch cable	1.2	*	28.00
90701228	M 701-228	Set of 4 x Holding Clamps for Casing Installation	2.6	*	74.00
90701334	M 701-334	W 114 Water Switch, 12VAC,24VAC or 24VDC Solenoid Coil, 3.0m/10' Electrical cable,	2.5	*	901.00
90701335	M 701-335	3/4" Vertical Ball Checkvalve for Water Switch	1.2	*	102.35
90701339	M 701-339	1" NPT/BSP Quick Pipe Coupling for Water Switch	1.1	*	56.39
		Casing Drain Options (Must be specified with order)			
90701416	M 701-016	3" / 75mm, Adjustable PVC Adjustable Metric Drain (Also for Stainless Steel Casing)		*	
90701416	M 701-018	3" / 75mm, Adjustable PVC SAE Drain (Also for Stainless Steel Casing)		*	
		Bottom Plate with Drain for self supplied PVC casings.			
		Exact Inside Dimension of PVC casing pipe casing must be given with order!			
90701416	M 900-076	8" / 200mm, PVC Bottom Plate with 3" / 75mm, Adjustable Metric Drain	6.0	*	180.00
90701416	M900-078	8" / 250mm, PVC Bottom Plate with 3" / 75mm, Adjustable SAE Drain	6.0	*	165.00
		SPRAY NOZZLE SELECTION -			
		Select 1 Nozzle for each module ordered.(Without selection M701-233 is supplied)			
90700230	M 701-230	For 701 - 200 Modules, Solid Jet, 6 mm orifice, 5o jet directional adjustable after installation	0.5	*	68.00
90700231	M 701-231	For 701 - 200 Modules, Solid Jet, 9 mm orifice	0.5	*	68.00
90700233	M 701-233	For 701 - 200 Modules, Solid Jet, 12 mm orifice	0.5	*	68.00
90700244	M 701-244	For 701 - 200 Modules, Soft Column, to 25mm / 1.0", with 6 x 3mm orifices	0.5	*	68.00
90700246	M 701-246	For 701 - 200 Modules, Soft Column, to 30mm / 1.3", with 12 x 3mm orifices	0.5	*	68.00
90700255	M 701-255	For 701 - 200 Modules, Bouquet of sprays with 6 x 3mm x 2.0o orifices	0.5	*	68.00
90700256	M 701-256	For 701 - 200 Modules, Bouquet of sprays with 12 x 3mm x 2.0o orifices	0.5	*	68.00
90700333	M 701-333	For 701 - 300 Modules only, Solid Jet, 12 mm, 0.5" orifice, for use with 701-300 only	0.5	*	68.00
90700377	M 701-377	For 701 - 300 Modules only, Soft Column, to 40mm / 1.5", with 18 x 3mm orifices, for use with 701-300 only	0.5	*	68.00
90700389	M 701-389	For 701 - 300 Modules only, Bouquet of sprays with 18 x 3mm x 2.0 O orifices, for use with 701-300 only	0.5	*	68.00
		ILLUMINATION		With	Without
		Lamps & Power Supplies are NOT included with M 701 Modules offered. Must be ordered separately		Module	Module
90400061	M 701-61	1 x (4 required) LED Lamp, MR16, 12VAC, 5W, White	0.3	49.00	58.80
90400062	M 701-62	1 x (4 required) LED Lamp, MR16, 12VAC, 5W, Color Red, Green, Blue or Yellow	0.3	49.00	58.80
90400066	M 701-66	1 x (4 required) LED Lamp, MR16, 12VAC, 5W, RGB Color changing with infra red adjustment	0.3	49.00	58.80
90400067	M 701-67	Remote Infra Red Illumination Adjustment (with AAA Batteries) for infra red adjusted LED lamps.	0.3	39.00	46.80
90400082	M 701-82	1 x (2 required) Halogen Lamp, MR16, 12VAC, 20W, White. Must be flow switch protected !	0.3	9.90	11.88
90400085	M 701-85	1 x (2 required) Halogen Lamp, MR16, 12VAC, 20W, 15o , White. Must be flow switch protected !	0.3	9.90	11.88
90400087	M 701-87	1 x (2 required) Halogen Lamp, MR16, 12VAC, 20W, 15o , Color (Specify). Must be flow switch protected !	0.3	9.90	11.88
90400088	M 701-88	1 x (4 required) Philips RGB LED Lamps, MR16, 24VDC, 5W RGB, require DMX controlled power supply	0.3	129.00	154.80
90400091	M 701-91	Philips RGB Color Changing remote DMX power supply (for up to 14 x 24VDC, Philips RGB, MR16 Lamps)	1.2	540.00	648.00
		Lamps & Power Supply also available more favorable from manufacturer or wholesaler direct, are offered and supplied without warranty.			
		ADDITIONAL & EXTRA EQUIPMENT			
376-51101	A 470	Deck Box (Junction Box) with max 5 conduit connections to connect Module to power supply	3.5	375.30	450.36
378-0150	J 13-5	Deck BoxConduit Cordseal, 1/2" / 3/4" NPT / BSP, for 10mm O.D. cable	0.2	42.89	51.47
378-0170	J 13-7	Deck BoxConduit Cordseal, 1" / 3/4" NPT / BSP" NPT/BSP, for 17mm O.D. cablem O.D. cable	0.3	80.42	96.50
420-0003	O 0 . 03	PEM Voltage Test Device, One per project. Required to test actual working voltage at Modules	1.2	220.00	264.00

		Website INDEX # 12 - Catalog Pages 227 - 230		Suggested
		For Water Switch information see PEM W 114-1 & W 115-1 Water Switches		List Prices
		Lightfixtures are for MR-16, 12V Lamps, Clear, Color or Dichro.Color Changing		
SERIAL	PEM	DESCRIPTION	W	\$
902-00000	Cat.	PEM 901 SPRAY APRON MODULES	Kg	
902-01011	M 901-1	Solid Cast Bronze Cover & Jet (M931,933 or 936)	9.5	879.84
902-01012	M 901-2	Solid Cast Bronze Cover, Jet (M931,933 or 936) & Water Switch W 114-1	10.5	2,097.31
		PEM 902 SPRAY APRON MODULES		
902-02024	M 902-4	Cast Bronze Cover, Jet (M931,933 or 936) & 2 Lights	11.5	1,440.49
902-02026	M 902-6	Cast bronze Cover, Jet (M931,933 or 936), Water Switch W 114-1 & 2 lights	13.5	2,657.95
		PEM 903 SPRAY APRON MODULES		
902-03033	M 903-3	Cast Bronze Cover, Jet(M931,933 or 936) & 4 Lights	15.2	2,001.13
902-03036	M 903-6	Cast Bronze Cover, Jet (M931,933 or 936), Water Switch W 114-1 & 4 Lights	17.5	3,218.60
		PEM 904 SPRAY APRON MODULES		
902-04032	M 904-2	Clear P. C. Cover, Jet(M931,933 or 936) & 2 Lights	10.8	1,440.49
902-04043	M 904-3	Clear P. C. Cover, Jet (M931,933 or 936) & 4 Lights	14.4	2,001.13
902-04045	M 904-5	Clear P.C. Cover, Jet (M931,933 or 936), Water Switch W 114-1 & 2 Lights	12.9	2,657.95
902-04046	M 904-6	Clear P.C. Cover, Jet (M931,933 or 936), Water Switch W 114-1 & 4 Lights	16.4	3,218.60
		PEM 906 SPRAY APRON MODULES		
902-05063	M906-3	Cast Bronze Cover, 2 x Jets (PEM 932), 2 Lights & Water Switch W 114-1	15	3,376.15
902-05064	M906-4	Clear P. C. Cover, 2 x Jets (PEM 932), 2 Lights & Water Switch W 114-1	14	3,376.15
902-05090	M909-1	Cast Bronze Winter Cover	5.9	491.07
		PEM 910 SPRAY APRON MODULES		
902-01002	M910-2	Cast Bronze Cover, 1 x Jet (M931,933 or 936), 2 Lights and Water Switch W 114-1	21.5	3,785.38
902-01003	M910-3	Cast Bronze Cover, 1 x Jet (M931,933 or 936), 4 Lights and Water Switch W 114-1	25.5	4,346.03
902-01004	M910-4	Clear P.C. Cover, 1 x Jet (M931,933 or 936), 2 Lights and Water Switch W 114-1	21	3,785.38
902-01005	M910-5	Clear P.C. Cover, 1 x Jet (M931,933 or 936), 4 Lights and Water Switch W 114-1	24	4,346.03
		PEM 915 SPRAY APRON MODULES		
902-05151	M915-1	Cast Bronze Cover, 1 x Jet (M938 or M939), 4 lights, 1 1/2" NPT / BSP	24	2,250.77
902-05152	M915-2	Cast Bronze Cover, 1 x Jet (M938 or M939), 4 lights, Water Switch W 115-1	26.7	3,805.85
902-05154	M915-4	Poly Carbonate Cover, 1 x Jet (M938 or M939), 4 lights, 1 1/2" NPT / BSP	23.5	2,250.77
902-05156	M915-6	Poly Carbonate Cover, 1 x Jet (M938 or M939), 4 lights, Water Switch W115-1	26.2	3,805.85
		PEM 920 SPRAY APRON MODULES		
902-01203	M920-3	Cast Bronze Cover, 2 x Jets (PEM 932), 2 Lights & Water Switch W 114-1	23	4,501.54
902-01204	M920-4	Clear P. C. Cover, 2 x Jets (PEM 932) PEM 932, 2 Lights & Water Switch W 114-1	22.5	4,501.54
902-05609	M950-1	Cast Bronze Winter Cover	8.6	613.84
		EXTRA JETS		
902-0001	M931	Brass Solid Jet, 12.7mm / 0.500", 3/4" NPT/BSP with Flow Straightener for W 114-1	0.8	327.39
902-0002	M932	Brass Swivel Jet Dir. Adj, 12.7mm / 0.500", 3/4" NPT/BSP with Flow Straightener for W 114-1	0.8	327.39
902-0003	M933	Brass Multi Stream Jet, 3/4" NPT/BSP with Flow Straightener for W 114-1	0.8	327.39
902-0006	M936	Brass Soft Stream Aerated Jet, 3/4" NPT/BSP with Flow Straightener for W 114-1	0.9	425.60
902-0007	M938	14-3X(953), 40mm Aerated Jet, 1 1/2" NPT/BSP (For W 115-1)	1.1	425.60
902-0008	M939	14-3Y(954), 50mm Aerated Jet, 1 1/2" NPT/BSP (For W 115-1)	1.7	501.31
		OPTIONAL ADD ON TO MODULES		
391-1001	30-1	80mm Flat Clear Lens	0.1	43.26
391-1000	35-1	80mm Flat Dichro Color Lens (10 colors, see Page 310 in Catalog)	0.1	206.31
385-3330	T 301	Transformer 240V, 50Hz, x 12V/24VAC, 300VA	2.2	199.65
490-44001	110-1	PEM W114-1 & W115-1--Manual Push Button Control for Water Switch w. 3.0m Tubing	0.7	122.77
490-44005	110-5	PEM W114-1 & W115-1--Manual Step On Control for Water Switch w. 3.0m Tubing	1.4	275.00
		PEM 950-1 SPRAY APRON MODULES		
903-0050	950-1	(1 - 5) Spray Assembly w. solenoid Valve, 3mm Jet, Bronze Cover & Stainless steel Niche	22.0	2,005.23
		As above - (6 - 10pcs)		1,902.92
		As above - (11-+ pcs)		1,821.07
		PEM 970-1 SPRAY APRON MODULES		
903-0070	970-1	(1 - 5) Spray Assembly w. solenoid Valve, 3mm Jet, Quick Disconnect & Valve	12.0	1,411.84
		As above - (6 - 10pcs)		1,289.07
		As above - (11-+ pcs)		1,223.60
		LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15		

Maintenance Parts for Light Fixtures

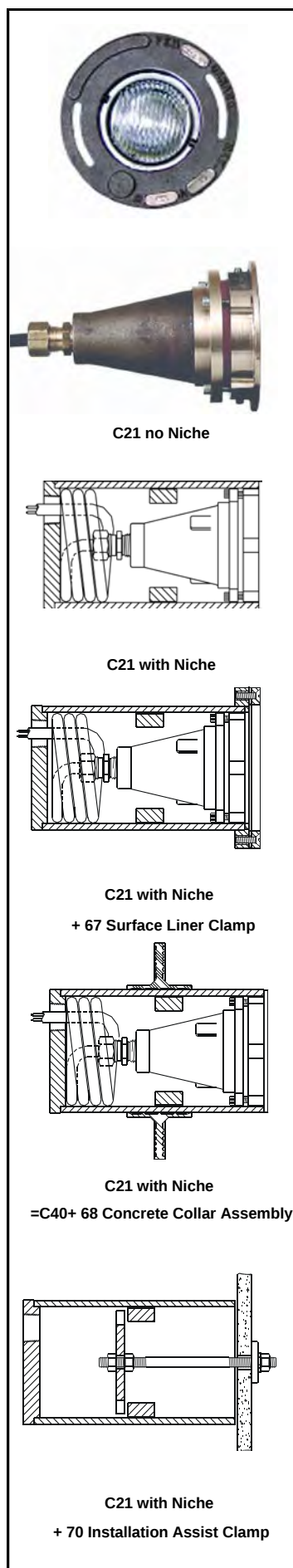
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SERIAL	PEM	Wgt	Suggested
#	Cat.	Kg	List Prices
	LIGHTFIXTURE PARTS		
	Web. Index 6 - Catalog Section 351		\$
350-0229	C21, -70, Installation Clamp	0.3	54.45
392-0103	C21, 11A Locking Bolts (2)	0.1	10.89
392-0105	C21, 11B Locking Bolt Wrench	0.1	29.04
392-0011	D 145, -12 Socket for D145	0.1	14.52
392-0012	D145, -31 Facing 'O' Ring	0.1	29.04
392-0013	D 145, -32 Fixture 'O' Ring	0.1	36.30
392-0101	11 for all C&E but not E500,E1100	0.1	18.15
392-0102	11 for E500 ,E1100	0.1	25.41
392-0106	12 for C21, E40,41,200,300(E11)	0.1	23.60
392-0107	12 for E700,750,800 & 950(E11)	0.1	23.60
392-0108	12 for E150, E910(E27)	0.1	12.71
392-0109	12 for E500 & E1100(GX16D)	0.1	36.30
392-0111	12 for all JC fixtures,(6.35-1)	0.1	11.62
392-0112	12 for C21, E40LV,E41LV(6.35-1)	0.1	9.51
392-0113	12 for C21, E40LV,E41LV(GU9)	0.1	8.71
392-0122	7 for all (Except E500A-LV,CSA/UL)	0.1	7.26
392-0123	18 for all (Except E500A-LV,CSA/UL)	0.1	7.26
392-0131	19 for all (Except E500A-LV,CSA/UL)	0.1	18.15
392-0212	31 for A400 (old style)	0.1	21.78
392-0214	32 for A400,E40,41,700,750,800	0.1	21.78
392-0256	37 for E200,910,950	0.5	72.60
392-0271	38 for E200,300,910,950	0.2	43.56
392-0272	38JC for E40,41,700JC	0.1	32.67
392-0273	38LV for C21, E40,E41LV	0.1	32.67
392-0274	38-36 for E300-36	0.1	25.41
392-0275	38-E500 (3 clips w.bolts)	0.1	72.60
392-0276	38-E500UL,(3 clips w.bolts)	0.1	65.34
392-0281	39 for E910,E950	0.1	21.78
	ROCKGUARD PARTS		
	INDEX 6 -- Catalog Section 300		
392-0312	10-2, Clips(3) E150-E800	0.3	47.19
392-0314	10-3 or 10-5, Clips(3)E500 & E1100	0.3	50.82
392-0316	10-4 Bolts & Clip (4) E910-E950	0.10	29.04
392-0318	10-6 Clamp Lock	0.1	29.04
392-0320	10-9 Clamp Lock	0.2	32.67
392-0324	B50-2 Stand Offs (4)	0.3	43.56
	Cordseal Parts		
392-0412	J13-5 Gland & Washers	0.1	25.41
392-0414	J13-8 Gland & Washers	0.1	61.71
392-0416	J15 Gland & Washer(State size)		POR
392-0422	J14-03	0.1	5.45
392-9425	J14-04	0.1	9.08
392-0428	J14-05	0.1	18.15
FOR LENSES & GASKETS SEE PRICE LIST PAGE 15			

SERIAL	PEM	Wgt	Suggested
#	Cat.	Kg	List Prices
	JUNCTION BOX PARTS		
	Web. Index 7 - Catalog Section 371		
392-0521	,-21 for all but J5,J6 (specify Box #)	0.1	35.94
392-0523	,-21 for J5,J6	0.3	59.90
392-0526	,-22 for J36	0.1	31.94
392-0527	,-23 for J36	0.1	7.99
392-0511	,-25 for all	0.2	27.95
392-0514	,-28,per single unit , for all boxes	0.1	19.97
392-0624	J36,Single cable Seal Assembly	0.2	59.90
392-0627	J36,Set of Cover 'O'Rings	0.1	59.90
392-0644	A483-, Cable Seal Assembly	0.2	51.91
392-9647	A483-Set of Cover 'O'Rings	0.1	31.94
	PEM PAR 56 LAMPS		
	Web. Index 6 - Catalog Section 351		
362-2003	PAR 56 FSP, 240V - 500W	1.0	
	MOG. END PRONG,GX16d		
	1 to 9 Pcs		190.96
	10 to 49 Pcs		176.92
	50 to 99 Pcs		165.68
	100+ Pcs		154.45
362-2005	PAR 56 FSP, 24V - 250W,	1.0	
	BOLT ON CONNECTION		
	1 to 9 Pcs		162.87
	10 to 49 Pcs		148.83
	50 to 99 Pcs		137.60
	100+ Pcs		126.37
	ELECTRICAL CABLE		
	INDEX 6 -- Catalog Section 300		
390-0210	16/3 STWA / per foot (USA)	0.1	2.40
390-0215	16/7 STWA / per foot (USA)	0.6	4.40
390-0216	16/9 STWA / per foot (USA)	0.9	5.00
390-0217	12/3 STWA,per foot (USA & Others)	0.20	4.40
390-0220	10/3 STWA,per foot (USA & Others)	0.4	5.60
390-0310	16/3 SOW / m (Canada & Others)	0.4	7.87
390-0315	16/7 SOW / m (Canada & Others)	0.6	14.43
390-0320	16/9 SOW / m (Canada & Others)	0.9	16.40
390-0340	12/3 SOW / m (Canada & Others)	0.9	14.43
390-0350	10/3 SOW / m (Canada & Others)	1.3	18.36
390-0610	H0R7N-F- 3X1.0 sqmm / m	0.4	6.00
390-0630	H0R7N-F - 3X1.5 sqmm / m	0.6	6.00
390-0635	H0R7N-F - 5X1.5 sqmm / m	0.8	19.17
390-0720	H0R7N-F - 2X2.5 sqmm / m	0.5	9.58
390-0730	H0R7N-F - 3X2.5 sqmm / m	0.7	12.78
390-0735	H0R7N-F - 5X2.5 sqmm / m	0.9	19.17
390-0740	H0R7N-F - 2 x 4.0 sqmm / m	0.9	15.97
390-0760	H0R7N-F - 2 x 6.0 sqmm / m	1.2	28.75
	TOOLS FOR LIGHTFIXTURES		
393-200	Set of tools for lightfixture assembly	12	5,989.50
393-252	Torque Wrench for facering bolts	1.9	798.60
393-257	Torque Wrench for Cordseals	2.1	998.25
393-262	Squeeze Screwdriver for E150	0.3	79.86
393-274	Epoxy Thread Sealant for cordseals.	0.2	39.93

SERIAL	PEM	Catalog. Section 351	W	Suggested
391-0000	Cat.	Website - Index # 6	Kg	List Prices
		FLAT LENSES		\$
# 30 - 1, FLAT CLEAR LENSES, 80 mm (3.110") diam.				
391-1001	30 - 1	Clear, no Fresnels	0.1	39.33
# 35-1,DICHROIC COLOR LENSES, 80mm (3.110") diam. *				
391-1021	35-1-21	Primary Blue	0.1	187.55
391-1022	35-1-22	Primary Red	0.1	187.55
391-1023	35-1-23	Primary Green	0.1	187.55
391-1024	35-1-24	Deep Magenta	0.1	187.55
391-1025	35-1-25	Turquoise	0.1	187.55
391-1026	35-1-26	Cyan	0.1	187.55
391-1027	35-1-27	Medium Pink	0.1	187.55
391-1028	35-1-28	Orange	0.1	187.55
391-1029	35-1-29	Yellow	0.1	187.55
391-1030	35-1-30	Flame Red	0.1	187.55
# 30 - 2, CLEAR LENSES, 143mm (5.625") diam.				
391-2001	30 - 2	Clear	0.3	57.48
# 35 - 2, DICHROIC COLOR LENSES, 143mm (5.625") *				
391-2021	35-2-21	Primary Blue	0.3	347.88
391-2022	35-2-22	Primary Red	0.3	347.88
391-2023	35-2-23	Primary Green	0.3	347.88
391-2024	35-2-24	Deep Magenta	0.3	347.88
391-2025	35-2-25	Turquoise	0.3	347.88
391-2026	35-2-26	Cyan	0.3	347.88
391-2027	35-2-27	Medium Pink	0.3	347.88
391-2028	35-2-28	Orange	0.3	347.88
391-2029	35-2-29	Yellow	0.3	347.88
391-2030	35-2-30	Flame Red	0.3	347.88
		FLAT LENSES		
# 30-3, CLEAR LENSES, 213mm (8.375") diam.				
391-3001	30 - 3	Clear	1.1	93.78
# 30-3, DICHROIC COLOR LENSES, 213mm (8.375") *				
391-3021	35-3-21	Primary Blue	1.1	541.48
391-3022	35-3-22	Primary Red	1.1	541.48
391-3023	35-3-23	Primary Green	1.1	541.48
391-3024	35-3-24	Deep Magenta	1.1	541.48
391-3025	35-3-25	Turquoise	1.1	541.48
391-3026	35-3-26	Cyan	1.1	541.48
391-3027	35-3-27	Medium Pink	1.1	541.48
391-3028	35-3-28	Orange	1.1	541.48
391-3029	35-3-29	Yellow	1.1	541.48
391-2330	35-3-30	Flame Red	1.1	541.48
* Flat Dichroic Color Lenses are custom made to order :				
Allow appr. 4-6 weeks for delivery ex works				
A limited inventory of all sizes # 21, 22 & 23 is kept in stock.				

SERIAL	PEM	Catalog. Section 351	W	Suggested
391-0000	Cat.	Website - Index # 6	Kg	List Prices
		CONVEX LENSES		\$
# 14 - 1 CLEAR LENSES, 80mm (3.110") diam.				
391-0214	14 - 1A	Clear,with Fresnels	0.1	27.23
391-0224	14 - 1B	Clear, no Fresnels	0.1	27.23
# 15 - 1, COLOR LENSES, 80mm (3.110") diam.				
391-0251	15-1-1	Blue, w. Fresnels	0.1	39.33
391-0252	15-1-2	Red, w. Fresnels	0.1	39.33
391-0253	15-1-3	Green, w. Fresnels	0.1	39.33
391-0254	15-1-4	Amber/Yellow, w. Fresnels	0.1	39.33
391-0255	15-1-5	Turquoise, w. Fresnels	0.1	39.33
# 14- 2 CLEAR LENSES. 143mm (5.625") diam.				
391-0414	14 - 2	Clear	0.3	46.89
# 15 - 2, COLOR LENSES, 143mm (5.625") diam.				
391-0451	15-2-1	Blue	0.3	52.94
391-0452	15-2-2	Red	0.3	52.94
391-0453	15-2-3	Green	0.3	52.94
391-0454	15-2-4	Amber/Yellow	0.3	52.94
391-0455	15-2-5	Turquoise	0.3	52.94
# 14- 3 CLEAR LENSES. 213mm (8.375") diam.				
391-0514	14 - 3	Clear	1.1	55.96
# 15 - 3, COLOR LENSES, 213mm (8.375") diam.				
391-0551	15-3-1	Blue	1.1	69.58
391-0552	15-3-2	Red	1.1	69.58
391-0553	15-3-3	Green	1.1	69.58
391-0554	15-3-4	Amber/Yellow	1.1	69.58
391-0555	15-3-5	Turquoise	1.1	69.58
		SPECIALTY LENSES		
Flat armored clear lens, , 134mm (5.625") diam, x 15mm thick				
391-0114	14-2-9	For C 131 & C 133	1.2	108.04
Rectangular lens with output fresnels				
391-0640	E900-14	For E910 & E950	0.3	108.90
Globe for pond light				
391-0310	E100-14	For E100	0.5	105.88
Horizontal Fresnel Swimming Pool Lens, 134mm, Convex				
391-0140	A400-14	For A400	0.3	107.39
		LENS GASKETS		
	LENS SIZE	MATERIAL		
391-0231	80mm (3.110")	H.T. Silicone Rubber	0.1	36.30
391-0330	E 100	EPDM*	0.1	39.33
391-0430	143mm (5.625")	EPDM*	0.1	30.25
391-0431	143mm (5.625")	H.T. Silicone Rubber	0.1	57.48
391-0530	213mm (8.375")	EPDM*	0.2	45.38
391-0531	213mm (8.375")	H.T. Silicone Rubber	0.2	78.65
391-0630	E910 & E950	EPDM*	0.1	54.45



SERIAL	PEM	Website - Index # 6	CABLE	W.	Suggested
306-30000	Cat.	Catalog. Pages 312 & 313	Length & Size	Kg	List
FOR LAMPS AS INDICATED (Not included)					Price
Select cable size to suit Lamp Wattage, Amperage					
Lightfixture only w. Convex Fesnel Lens, No Niche, No Cable					\$
For 12 V or 24V , MR16 Lamps					
306-31104	C21-1-04	With 1 Cordseal for 2 x 1.5mm2 Cable	No Cable	1.5	291.29
306-31105	C21-1-05	With 1 Cordseal for 2 x 2.5mm2 Cable	No Cable	1.5	291.29
306-31106	C21-1-06	With 1 Cordseal for 2 x 4mm2 Cable	No Cable	1.5	323.60
306-31107	C21-1-07	With 1 Cordseal for 2 x 6mm2 Cable	No Cable	1.5	326.23
For 120V / 230V, GU10 Lamps, No Niche					
306-31161	C21-1-61	With 1 Cordseal for 3 x 1.5mm2 Cable	No Cable	1.5	291.29
Lightfixture only w. Convex Fesnel Lens, No Niche, with Cable					
For 12 V or 24V , MR16 Lamps					
306-31114	C21-2-14	With 1 Cordseal & CABLE	2.7m x 2 x 1.5mm2	2.1	409.42
306-31115	C21-2-15	With 1 Cordseal & CABLE	5.0m x 2 x 1.5mm2	3.1	421.06
306-31116	C21-2-16	With 1 Cordseal & CABLE	2.7m x 2 x 2.5mm2	2.1	414.40
306-31117	C21-2-17	With 1 Cordseal & CABLE	5.0m x 2 x 2.5mm2	2.1	431.05
306-31118	C21-2-18	With 1 Cordseal & CABLE	5.0m x 2 x 4.0mm2	2.8	448.38
306-31119	C21-2-19	With 1 Cordseal & CABLE	10.0m x 2 x 6.0mm2	4.7	466.48
For 120V / 230V, GU10 Lamps, No Niche,with Cable					
306-31121	C21-2-21	With 1 Cordseal & CABLE	5.0m x 3 x 1.5mm2	2.8	425.39
For MR 16, 12V or 24V Lamps, Lightfixture & PVC Niche, No Cable					
306-31126	C21-3-26	With Cord Seals for 2 x 1.5mm2 Cable	No Cable	1.5	439.36
For GU10 120V / 230V Lamps, Lightfixtures & PVC Niche, No Cable					
306-31128	C21-3-28	With Cord Seals for 2 x 1.5mm2 Cable	No Cable	1.5	439.36
For MR 16, 12V or 24V Lamps, Lightfixture & PVC Niche, with Cable					
306-31134	C21-4-34	With Cord & Niche Seals, Niche & CABLE	2.7m x 2 x 1.5mm2	1.9	562.49
306-31135	C21-4-35	With Cord & Niche Seals, Niche & CABLE	5.0m x 2 x 1.5mm2	3.1	579.12
306-31136	C21-4-36	With Cord & Niche Seals, Niche & CABLE	2.7m x 2 x 2.5mm2	2.1	562.49
306-31137	C21-4-37	With Cord & Niche Seals, Niche & CABLE	5.0m x 2 x 2.5mm2	2.1	579.12
306-31138	C21-4-38	With Cord & Niche Seals, Niche & CABLE	5.0m x 2 x 4.0mm2	2.8	651.86
306-31139	C21-4-65	With Cord & Niche Seals, Niche & CABLE	9' 16/3 STWA/SOW	4.9	503.86
For GU10 120V / 230V Lamps, Lightfixtures & PVC Niche, with Cable					
306-31176	C21-4-76	With Cord & Niche Seals, Niche & CABLE	2.7m x 3 x 1.5mm2	1.9	560.81
306-31177	C21-4-77	With Cord & Niche Seals, Niche & CABLE	5.0m x 3 x 1.5mm2	3.1	573.46
ADD ON TO STANDARD FIXTURES					
391-0210	C21-10	FACERING WITH LENS GUARD		0.9	95.83
391-0220	+/-14-1B	80mm Convex Clear Lens, No Fresnels	Cat.Page 310,Web Index #6	0.1	29.95
391-0260	+/-30-1	80mm Flat Clear lens	Cat.Page 310,Web Index #6	0.1	43.26
391-0270	+/-35-1-00?	80mm Flat Dichro Color Lens.	Cat.Page 310,Web Index #6	0.1	206.31
350-0222	+67	Surface Pool Liner Clamp		0.9	219.62
350-0225	+68	DIN Concrete Collar Assembly		0.9	219.62
350-0227	+59-2	Tile Mask		0.3	219.62
350-0229	+ 70	Installation Assist Clamp		0.3	111.80
385-3330	T 301	Transformer,240V,50Hzx12V/24V,300VA	CE,IP23	2.2	199.65
FOR LIGHTFIXTURE MAINTENANCE PARTS SEE Pages #14 & # 15					

SERIES	PEM	Website-Index # 6	CABLE	W.kg	Suggested
307-27000	Cat.	Catalog.Pages 314 & 315	Length & Size		List
		FOR LAMPS AS INDICATED (Not included)			Prices
		Select cable size to suit lamp(s) wattage (Amperage)			\$
FIXTURES W. CAST BRONZE NICHE, SWIVEL MOUNTED, Cord & Niche Seal & Cable					
307-27813	C131-1-3	For 1 x 12V, AR111/PAR 36	5.0m x 2 x 2.5mm2	13.6	1,021.19
307-27815	C131-1-5	For 1 x 12V, AR111/PAR 36	5.0m x 2 x 4mm2	14.2	1,062.94
307-27819	C131-1-9	For 1 x 12V, AR111/PAR 36 UL, cUL	15' / 4.5m x 16/3 AWG	13.0	1,009.50
307-27832	C131-3-2	For 3 x 12V, MR16, single circuit	5.0m x 2 x 2.5mm2	13.8	1,255.71
307-27833	C131-3-3	For 3 x 12V, MR16, single circuit	5.0m x 2 x 4mm2	14.2	1,246.71
307-27835	C131-3-5	For 3 x 12V, MR16, single circuit	5.0m x 2 x 6mm2	15.2	1,298.28
307-27837	C131-3-7	For 3 x 12V, MR16, single circuit,UL,cUL	15' / 4.5m x 12/3 AWG	15.0	1,334.01
307-27841	C131-4-1	For 3 x 12V, MR16, 3 circuits	5.0m x 5 x 1.5mm2	14.2	1,305.77
307-27842	C131-4-2	For 3 x 12V, MR16, 3 circuits	5.0m x 5 x 2.5mm2	15.2	1,312.79
307-27844	C131-4-4	For 3 x 12V, MR16, 3 circuits,UL,cUL	15' / 4.5m x 16/7 AWG	16.0	1,306.36
307-27853	C131-5-3	For 3 x 120V, GU-10 , single circuit	5.0m x 3 x 1.5mm2	13.8	1,231.96
307-27863	C131-6-3	For 3 x 120V, GU-10 , 3 circuits	5.0m x 5 x 1.5mm2	14.2	1,332.28
307-27865	C131-6-5	For 3 x 120V, GU-10 , 3 circuits, UL,cUL	15' / 4.5m x 16/7 AWG	16.0	1,304.82
307-27872	C131-7-2	For 4 x 12V, MR16, single circuit	5.0m x 2 x 2.5mm2	13.8	1,263.47
307-27873	C131-7-3	For 4 x 12V, MR16, single circuit	5.0m x 2 x 4mm2	14.2	1,261.13
307-27875	C131-7-5	For 4 x 12V, MR16, single circuit	5.0m x 2 x 6mm2	15	1,294.35
307-27877	C131-7-7	For 4 x 12V, MR16, single circuit,UL,cUL	15' / 4.5m x 12/3 AWG	15	1,307.88
307-27881	C131-8-1	For 4 x 12V, MR16, 4 circuits	5.0m x 5 x 1.5mm2	14.8	1,293.15
307-27882	C131-8-2	For 4 x 12V, MR16, 4 circuits	5.0m x 5 x 2.5mm2	15.2	1,302.03
307-27884	C131-8-4	For 4 x 12V, MR16, 4 circuits,UL,cUL	15' / 4.5m x 16/7 AWG	16.0	1,309.64
307-27891	C131-9-1	For 3 x 240V, GU-10 , single circuit	5.0m x 3 x 1.5mm2	14.2	1,241.26
307-27901	C131-10-3	For 3 x 240V, GU-10 , 3 circuits	5.0m x 5 x 1.5mm2	14.2	1,309.05
		ADD ON TO STANDARD FIXTURES			
391-2001	+/-30-2	143mm Clear Flat Lens	See Catalog Page 310		63.23
391-2000	+/-35-2-?	143mm Flat Dichro Color Lens. Color ?	See Catalog Page 310		382.67
391-0114	+/- 14-2-9	143mm x 15mm Clear Flat Armored Lens	See Catalog Page 310		118.84
391-0431	+13-2	143mm LensGasket, Silicone Rubber	See Catalog Page 310		63.23
350-4164	+/- -63	Surface Liner Clamp			479.16
350-4890	+/- -58-09	Tile Mask			359.37
385-3330	T 301	Transformer 240V,50Hzx12V/24V,300VA	CE, IP23		199.65
LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					



C131 + 14-2-9



C131 + 14-2-9, Full Tilt



C131-1+14-2-9

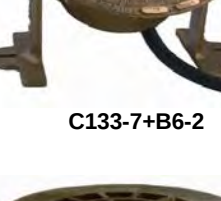


C131-3 & -4 + 14-2-9



C131-7 & -8 + 14-2-9

 C133+B46     C133-7+B46-73  +/- -10-7	SERIAL	PEM	Website-Index# 6	Cable	W.kg	Suggested
	307-29000	Cat.	Catalog.Pages 316 & 317	Length & Size		List
			FOR LAMPS AS INDICATED (Not included)			Prices
			Select cable size to suit lamp(s) wattage (Amperage)			\$
			Fixtures with Stainless Steel & Cast Bronze B46 Niche			
	307-29113	C133-1+B46-13	For 1 x 12V, AR111/PAR 36	5.0m x 2 x 2.5mm2	12.20	812.16
	307-29115	C133-1+B46-15	For 1 x 12V, AR111/PAR 36	5.0m x 2 x 4mm2	12.90	835.94
	307-29118	C133-9+B46-19	For 1 x 12V, AR111/PAR 36 UL, cUL	15/4.5m x 12/3 AWG	11.50	810.66
	307-29132	C133-3+B46-32	For 3 x 12V, MR16, single circuit	5.0m x 2 x 1.5mm2	12.80	821.53
	307-29133	C133-3+B46-33	For 3 x 12V, MR16, single circuit	5.0m x 2 x 2.5mm2	13.20	823.78
	307-29135	C133-3+B46-35	For 3 x 12V, MR16, single circuit	5.0m x 2 x 4mm2	13.80	847.56
	307-29136	C133-3+B46-35	For 3 x 12V, MR16, single circuit	5.0m x 2 x 6mm2	14.50	850.40
	307-29138	C133-3+B46-36	For 3 x 12V, MR16, single circuit,UL,cUL	15/4.5m x 12/3 AWG	14.00	846.81
	307-29142	C133-4+B46-42	For 3 x 12V, MR16, 3 circuits	5.0m x 5 x 1.5mm2	13.00	855.81
	307-29143	C133-4+B46-43	For 3 x 12V, MR16, 3 circuits	5.0m x 5 x 2.5mm2	13.50	868.40
	307-29144	C133-4+B46-44	For 3 x 12V, MR16, 3 circuits,UL,cUL	15/4.5m x 16/7 AWG	15.00	851.15
	307-29155	C133-5+B46-55	For 3 x 120, GU-10 , single circuit	5.0m x 3 x 1.5mm2	12.80	821.26
	307-29163	C133-6+B46-63	For 3 x 120, GU-10 , 3 circuits	5.0m x 5 x 1.5mm2	13.20	857.35
	309-29165	C133-6+B46-65	For 3 x 120, GU-10 , 3 circuits, UL,cUL	15/4.5m x 16/7 AWG	14.50	852.10
	307-29173	C133-7+B46-73	For 4 x 12V, MR16, single circuit	5.0m x 2 x 2.5mm2	13.00	826.22
	307-29175	C133-7+B46-75	For 4 x 12V, MR16, single circuit	5.0m x 2 x 4mm2	13.30	850.01
	307-29176	C133-7+B46-76	For 4 x 12V, MR16, single circuit	5.0m x 2 x 6mm2	13.60	852.26
	307-29178	C133-7+B46-78	For 4 x 12V, MR16, single circuit,UL,cUL	15/4.5m x 12/3 AWG	14.50	849.85
	307-29182	C133-8+B46-82	For 4 x 12V, MR16, 4 circuits	5.0m x 5 x 1.5mm2	13.50	860.42
	307-29183	C133-8+B46-83	For 4 x 12V, MR16, 4 circuits	5.5m x 5 x 2.5mm	13.80	873.01
	307-29188	C133-8+B46-88	For 4 x 12V, MR16, 4 circuits,UL,cUL	15/4.5m x 16/7 AWG	14.50	855.76
	307-29192	C133-9+B46-92	For 3 x 240V, GU-10 , single circuit	5.0m x 3 x 4mm2	14.00	821.26
	307-29193	C133-9+B46-93	For 3 x 240V, GU-10 , single circuit,No Niche	5.0m x 3 x 4mm2	14.00	821.26
	307-291202	C133-10+B46-202	For 3 x 240V, GU-10 , 3 circuits	5.0m x 5 x 1.5mm2	14.40	850.60
	307-29001	B46 -0001	B46 NICHE FOR ABOVE , PRE-PURCHASED, DEDUCT FROM ABOVE		3.7	430.00
			ADD ON TO STANDARD FIXTURES			
	391-2001	+/-30-2	143mm Clear Flat Lens	See Catalog Page 310	0.1	47.03
	391-2000	+/-35-2-?	143mm Flat Dichro Color Lens. Color ?	See Catalog Page 310	0.1	284.63
	391-0114	+/-B2214-2-9	143mm x 15mm Clear Flat Armored Lens	See Catalog Page 310	1.2	108.90
	391-0431	+13-2	143mm LensGasket, Silicone Rubber	See Catalog Page 310	0.1	47.03
	350-0029	+/- -10-7	Lensguard (In Addition To Lightfixture Only)		0.2	63.56
	350-4164	+/- -63	Surface Liner Clamp		3.8	346.50
	350-4890	+/- -58-09	Tile Mask		1.1	247.50
	385-3330	T 301	Transformer 240V,50Hz x 12V/24V, 300VA	CE, IP23	2.2	148.50
			LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			

SERIAL	PEM	Website - Index # 6	CABLE	W.	Suggested	
307-34000	Cat.	Catalog. Pages 316 & 317	Length & Size	Kg	List	
		FOR LAMPS AS INDICATED (Not included)			Prices	
		Select cable size to suit lamp(s) wattage (Amperage)			\$	
		FIXTURES, NO STAND, NO LAMP(s) with Convex Lens				
307-34813	C133-1-3	For 1 x 12V, AR111/PAR 36	2.7m x 2 x 2.5mm2	4.9	357.35	
307-34815	C133-1-5	For 1 x 12V, AR111/PAR 36	5.0m x 2 x 4mm2	5.7	390.78	
307-34817	C133-1-7	For 1 x 12V, AR111/PAR 36 UL, cUL	9' / 2.7m x 16/3 AWG	4.8	416.97	
307-34832	C133-3-2	For 3 x 12V, MR16, single circuit	2.7m x 2 x 1.5mm2	4.8	390.40	
307-34833	C133-3-3	For 3 x 12V, MR16, single circuit	5.0m x 2 x 1.5mm2	5.2	398.95	
307-34835	C133-3-5	For 3 x 12V, MR16, single circuit	2.7m x 2 x 4mm2	6	415.17	
307-34837	C133-3-7	For 3 x 12V, MR16, single circuit,UL,cUL	9' / 2.7m x 16/3 AWG	7.3	428.20	
307-34841	C133-4-1	For 3 x 12V, MR16, 3 circuits	2.7m x 5 x 1.5mm2	5.2	429.32	
307-34842	C133-4-2	For 3 x 12V, MR16, 3 circuits	5.0m x 5 x 1.5mm2	5.7	456.32	
307-34843	C133-4-2	For 3 x 12V, MR16, 3 circuits	2.7m x 5 x 2.5mm2	5.3	431.57	
307-34844	C133-4-4	For 3 x 12V, MR16, 3 circuits,UL,cUL	9' x 16/7 AWG	5.9	429.89	
307-34853	C133-5-3	For 3 x 120V, GU-10, single circuit	2.7m x 3 x 1.5mm2	5.2	389.59	
307-34855	C133-5-5	For 3 x 120V, GU-10, single circuit	5.0m x 3 x 1.5mm2	4.8	398.14	
307-34863	C133-6-3	For 3 x 120V, GU-10, 3 circuits	2.7m x 5 x 1.5mm2	5.2	427.84	
307-34865	C133-6-5	For 3 x 120V, GU-10, 3 circuits, UL,cUL	2.7m x 16/7 AWG	4.8	454.84	
307-34872	C133-7-2	For 4 x 12V, MR16, single circuit	2.7m x 2 x 1.5mm2	4.8	393.23	
307-34873	C133-7-3	For 4 x 12V, MR16, single circuit	5.0m x 2 x 2.5mm2	5.2	401.78	
307-34875	C133-7-5	For 4 x 12V, MR16, single circuit	2.7m x 2 x 4mm2	6	418.01	
307-34877	C133-7-7	For 4 x 12V, MR16, single circuit,UL,cUL	9' / 2.7m x 16/3 AWG	7.3	431.03	
307-34881	C133-8-1	For 4 x 12V, MR16, 4 circuits	2.7m x 5 x 1.5mm2	5.3	417.85	
307-34882	C133-8-2	For 4 x 12V, MR16, 4 circuits	5.0m x 5 x 1.5mm2	5.7	426.40	
307-34883	C133-8-3	For 4 x 12V, MR16, 4 circuits	5.0m x 2 x 2.5mm2	5.4	419.65	
307-34884	C133-8-4	For 4 x 12V, MR16, 4 circuits,UL,cUL	2.7m x 16/9 AWG	5.9	433.71	
307-34891	C133-9-1	For 3 x 240V, GU-10, single circuit	2.7m x 3 x 1.5mm2	5.2	407.59	
307-34892	C133-9-2	For 3 x 240V, GU-10, single circuit	5.0m x 3 x 1.5mm2	4.8	416.14	
307-27901	C133-10-3	For 3 x 240V, GU-10, 3 circuits	2.7m x 5 x 1.5mm2	5.2	472.84	
307-27902	C133-10-4	For 3 x 240V, GU-10, 3 circuits	5.0m x 5 x 1.5mm2	6.8	499.84	
		ADD ON TO STANDARD FIXTURES				
391-2001	30-2	143mm Clear Flat Lens	See Catalog Page 310	0.1	57.00	
391-2000	35-2-0000	143mm Flat Dichro Color Lens	See Catalog Page 310	0.1	345.00	
391-0114	14-2-9	143mm x 15mm Clear Flat Armored Lens	See Catalog Page 310	1.2	107.16	
350-1123	+/- 2C	2 Cable entries, 2 x 6.0mm2 & 2 x 2.5mm2	Factory wired only	+0.4	120.00	
350-1133	+/- 2D	2 Cable entries, 2 x 6.0mm2 & 2 x 4.0mm2	Factory wired only	+0.5	150.00	
334-3292	+/- 6/-92	Brass Lens Shade for Dichro Color Lens		0.8	129.00	
350-0014	+/- 10-2	Clip On Rockguard		0.8	132.99	
350-0026	+/- 10-6	Swing Up Rockguard		0.7	132.39	
350-0029	+/- 10-7	Lensguard (not for 14-2-9)		0.2	38.00	
350-0109	+/- B1	Tripod Stand, 40cm WD		1.4	120.09	
350-0110	+/- B1S	Tripod Stand, 25cm WD		1.2	123.57	
350-0130	+/- B4	Ring Stand, 60cm WD		2.8	204.75	
350-0270	+/- B6-2	Mounting Brackets,18cm WD		2.0	55.65	
350-0300	+/- B7S	Mounting Yoke		0.7	80.79	
350-0320	+/- B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	348.00	
350-0321	+/- B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	348.00	
350-0324	+/- B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	348.00	
350-0325	+/- B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	348.00	
350-2310	+/- B56-1	Slab Hanger		3.1	293.56	
350-2320	+/- B56-1A	Slab Hanger with Locks		3.5	360.00	
350-2410	+/- B57-1	Waterfall Slab Hanger		2.8	284.02	
350-2420	+/- B57-1A	Waterfall Slab Hanger with Locks		3.2	380.00	
385-3330	T 301	Transformer 240V,50Hzx12V/24V,300VA	IP23	2.2	165.00	
FOR LIGHTFIXTURE MAINTENANCE PARTS SEE PAGES #14 & #15						

	SERIAL	PEM	Website - Index # 6	CABLE	W.	Suggested
	305 0000	Cat.	Catalog. Pages 320 & 321	Length & Size	Kg	List
	ONLY FOR HARD GLASS COVER PAR 38 LAMPS AS INDICATED (not included)					Prices
	FOR ALL OTHER PAR 38 USE PEM E150-1					\$
	Select cable size to suit lamp(s) wattage (Amperage)					
	A' TYPE FIXTURES WITH ROCKGUARD CORDSEAL , NO STAND & NO CABLE					
 D145A	305-0302	D145A-1-02	Max. 240V, 150W with 3 x 1.5mm2 Cable Cordseal	No cable	2.9	380.67
	305-0303	D145A-1-03	Max. 12 / 24V, 150W with 2 x 2.5mm2 Cable Cordseal	No Cable	2.9	406.29
	305-0304	D145A-1-04	Max. 12 / 24V, 150W with 2 x 4mm2 Cable Cordseal	No Cable	3.1	438.60
	305-0305	D145A-1-05	Max. 12 / 24V, 150W with 2 x 6mm2 Cable Cordseal	No Cable	3.2	441.23
	A TYPE FIXTURES 240V NO STAND WITH CABLE					
 D145B	305-0312	D145A-2-12	Max.240V, 150w with cable	2.7m x 3 x 1.5mm2	3.3	428.91
	305-0313	D145A-2-13	Max.240V, 150w with cable	5.0m x 3 x 1.5mm2	3.8	441.56
	305-0314	D145A-2-14	Max.240V, 150w with cable	10.0m x 3 x 1.5mm2	4.8	470.51
	A TYPE, 12V-24V FIXTURES NO STAND WITH CABLE					
 D145A+B1	305-0322	D145A-2-22	Max. 12 / 24V, 150W with cable	2.7m x 2 X 2.5mm2	3.3	430.58
	305-0323	D145A-2-23	Max. 12 / 24V, 150W with cable	5.0m x 2 x 4mm2	4.1	480.03
	306-0324	D145A-2-24	Max. 12 / 24V, 150W with cable	10m x 2 x 6mm2	6.2	518.76
	B TYPE FIXTURES, NO ROCKGUARD WITH CORDSEAL , NO STAND & NO CABLE					
 D145B+B4	305-0402	D145B-1-02	Max. 240V, 150W with 3 x 1.5mm2 Cable Cordseal	No cable	3.0	435.74
	305-0406	D145B-1-06	Max. 12 / 24V, 150W with 2 x 2.5mm2 Cable Cordseal	No Cable	3.0	448.38
	305-0407	D145B-1-07	Max. 12 / 24V, 150W with 2 x 4mm2 Cable Cordseal	No Cable	3.1	489.67
	305-0408	D145B-1-08	Max. 12 / 24V, 150W with 2 x 6mm2 Cable Cordseal	No Cable	3.4	532.23
 D145 + B30	305-0435	D145A-2-35	CSA-Max.120V, max. 250W wet , 150W dry, with cable	2.7m x 16/3 AWG	3.3	440.89
	305-0445	D145A-2-40	CSA-Max.120V, max. 250W wet , 150W dry, with cable	2.7m x 16/3AWG	3.5	464.85
	B TYPE , FIXTURES 240V NO STAND WITH CABLE					
	305-0415	D145B-2-15	Max.240V, 150w with cable	2.7m x 3 x 1.5mm2	3.5	442.39
 D145 + B46 Vertical	305-0416	D145B-2-16	Max.240V, 150w with cable	5.0m x 3 x 1.5mm2	4.5	455.04
	305-0417	D145B-2-17	Max.240V, 150w with cable	10.0m x 3 x 1.5mm2	5.5	561.22
	B TYPE FIXTURES 12V-24V NO STAND WITH CABLE					
	305-0426	D145B-2-26	Max. 12 / 24V, 150W with cable	2.7m x 2 X 2.5mm2	3.5	427.42
 D145 + B46 Full Tilt	305-0427	D145B-2-27	Max. 12 / 24V, 150W with cable	5.0m x 2 x 4mm2	4.6	473.70
	305-0429	D145B-2-29	Max. 12 / 24V, 150W with cable	10m x 2 x 6mm2	6.2	488.98
	305-0433	D145B-2-33	UL-Max.120V, max. 250W wet , 150W dry, with cable	2.7m x 16/AWG3	3.5	444.05
	ADD ON TO STANDARD FIXTURES					
	350-0003	+/-07	Thermal Cut Off for 120V / 240V only	Factory wired only	0.1	31.61
	350-0011	+/-2A	2. Cable entry, 240V, 3 x 1.5m2 cable	Factory wired only	0.1	99.83
	350-0013	+/-2B	2. Cable entry, 12V / 24V , 2 x 4.0mm2 & 2 x 2.5mm2	Factory wired only	0.1	99.83
	350-0023	+/-2C	2. Cable entry, 12V / 24V , 2 x 6.0mm2 & 2 x 2.5mm2	Factory wired only	0.2	133.10
	350-0033	+/-2D	2. Cable entry, 12V / 24V , 2 x 6.0mm2 & 2 x 4.0mm2	Factory wired only	0.3	166.38
	350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	133.20
	350-0130	+/-B4	Ring Stand, 60cm WD		2.8	227.11
	350-4111	+/-B46-1	Stainless Steel Niche		6.5	451.00
	350-4031	+/-B50A	Walk Over Stainless Steel		8.2	645.70
	350-4330	+/-58-03	Tile Mask for Niche		2.3	299.48
	350-2310	+/-B56-1	Slab Hanger		3.2	355.21
	350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	604.77
	350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	343.66
	350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	593.23
	350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	266.20
	350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	299.48
	350-0742	+/-B23-2-1	16mm x 100mm Mounting Rod For B23		0.3	59.90
	350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	540.72
	350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	623.91
	350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	623.91
	350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	707.09
	385-3330	T301	Transformer 240V,50Hzx12V/24V,300VA	IP23	2.2	199.65
	FOR LIGHTFIXTURE MAINTENANCE PARTS SEE PAGES #14 & #15					

SERIAL	PEM	Website - Index # 6	CABLE	W.	Suggested
309-00000	Cat.	Catalog. Pages 322 & 323	SIZE & LENGTH	Kg	List
		FOR LAMPS AS INDICATED (Not included)			Prices
		Select cable size to suit lamp(s) wattage (Amperage)			\$
CSA & U.L."A' Type FIXTURES WITH CONVEX FRESNEL LENS, & CABLE , NO STAND					
309-102610	E40A-S-1-2-10	UL/CSA- T4- E11,max.120V, 250W Wet, 20W Dry	2.7mx16/3 AWG	3.5	458.70
309-102620	E40A-F-1-2-20	UL/CSA- T4- E11,max.120V, 250W Wet, 20W Dry	2.7mx16/3 AWG	3.5	405.86
309-102640	E40A-S-2-2-40	UL/CSA- JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	2.7mx16/3 AWG	3.5	474.34
309-102650	E40A-F-2-2-50	UL/CSA-JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	2.7mx16/3 AWG	3.5	434.41
309-102660	E40A-LV-2-60	UL/CSA-MR16,12V/24V,Max.150W Wet,max 50 W.Dry	2.7mx16/3 AWG	3.5	415.64
B Type FIXTURE WITH CONVEX FRESNEL LENS & CORDSEAL, NO CABLE & NO STAND					
309-102701	E40B-S-1-01	For T4- E11,max.240V, 250W -Wet	For 9-11mm Cable	2.4	376.71
309-102702	E40B-F-1-01	For T4- E11,max.240V, 250W -Wet	For 9-11mm Cable	2.4	336.78
309-102703	E40B-S-2-01	For JC, Bi Pin, 6.35-1, 12V/ 24V, max 150W - Wet	For 9-11mm Cable	2.3	392.35
309-102704	E40B-F-2-01	For JC, Bi Pin, 6.35-1, 12V/ 24V, max 150W - Wet	For 9-11mm Cable	2.3	325.80
309-102705	E40B-LV-1-01	For MR16, 12V/24V, Max. 20W Dry, max 150 W. Wet	For 9-11mm Cable	2.3	261.31
B Type FIXTURE WITH CONVEX FRESNEL LENS & CABLE , NO STAND					
309-102715	E40B-S-1-2-15	For T4- E11,max.240V, 250W Wet, 50W Dry	2.7m x 3 x 1.5mm2	3.3	431.61
309-102716	E40B-S-1-2-16	For T4- E11,max.240V, 250W Wet, 50W Dry	5.0m x 3 x 1.5mm2	7.0	444.25
309-102723	E40B-F-1-2-23	For T4- E11,max.240V, 250W Wet, 50W Dry	2.7m x 3 x 1.5mm2	3.3	391.68
309-102725	E40B-F-1-2-25	For T4- E11,max.240V, 250W Wet, 50W Dry	5.0m x 3 x 1.5mm2	7.0	404.32
309-102743	E40B-S-2-2-43	For JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	2.7m x 2 x 2.5mm2	3.3	448.91
309-102745	E40B-S-2-2-45	For JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	5.0m x 2 x 2.5mm2	4.0	472.21
309-102753	E40B-F-2-2-53	For JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	2.7m x 2 x 2.5mm2	3.3	408.98
309-102756	E40B-F-2-2-56	For JC, Bi Pin,12V/ 24V, max 150W Wet, 50W Dry	5.0m x 2 x 2.5mm2	4.0	432.28
309-102762	E40B-LV-2-62	For MR16, 12V/24V, Max. 20W Dry, max 150 W. Wet	2.7m x2x 1.5mm2	3.1	331.82
309-102764	E40B-LV-2-64	For MR16, 12V/24V, Max. 20W Dry, max 150 W. Wet	2.7m x2x 2.5mm2	3.1	331.82
309-102765	E40B-LV-2-65	For MR16, 12V/24V, Max. 20W Dry, max 150 W. Wet	2.7m x2x 1.5mm2	3.1	348.46
309-102767	E40B-LV-2-67	For MR16, 12V/24V, Max. 20W Dry, max 150 W. Wet	5.0m x 2 x 2.5mm2	5.5	371.75
ADD ON TO FIXTURES					
391-0224	+/-14-1B	80mm Convex Clear Lens, No Fresnels	Cat. P.310/Web # 6	0.1	29.95
391-1001	+/-30-1	80mm Flat Clear lens	Cat. P.310/Web # 6	0.1	43.26
391-1000	+/-35- 1-30	80mm Flat Dichro Color Lens	Cat. P.310/Web # 6	0.1	206.31
330-3041	+/-E40-5-1	Flat Lens Adaptation for T4-MC & JC (Required)	Factory installed	0.5	133.10
350-0003	+/-07	Thermal Cut Off for 120/240V only	Factory installed	0.0	31.61
334-3191	+/-05	Brass Lens Shade for Dichro Color		0.1	93.17
350-0011	+/-2-1	2. Cable Cordseal, 9-11mm Cable O.D.	Factory wired only	0.1	99.83
350-0520	+/-B10-1	B10-1 Ring Stand, 19cm WD		1.5	61.73
350-0540	+/-B10-2	B10-2 Ring Stand, 25cm WD		2.0	69.88
350-0560	+/-B10-3	B10-3 Ring Stand, 38cm WD		2.5	93.17
350-0610	+/-B12	B12 Mounting Bracket ,15cm WD		0.25	33.28
350-0662	+/-B23-2	Bracket for 2 x E 40 on 1 1 /2" Pipe		1.0	166.38
350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	249.56
350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	299.48
350-0742	+/-B23-2-1	E40, 100mm Mounting Rod For B23		0.3	66.55
385-3330	T 301	Transformer 240V,50Hz x 12V/24V, 300VA	CE, IP23	2.2	199.65
LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					



E40LVB+B10-3





E41 Top View



E41 3° Angled in Niche

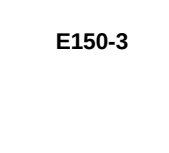
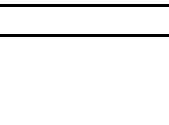


E41 Side View

SERIAL	PEM	Website Index # 6	CABLE	W.	Sugg.
311 0000	Cat.	Catalog. Pages 324 & 325	Length & Size	Kg	List
		FOR LAMPS AS INDICATED (Not included)			Prices
		Select cable size to suit lamp(s) wattage (Amperage)			\$
		FIXTURE WITH STAINLESS STEEL E 41 NICHE, WITH CONVEX LENS & CABLE			
310-102810	E41-S-1-10	UL/CSA- T4- E11,max.120V, 250W Wet, 20W Dry	4.5m/15' x 16/3 STWA	7.5	798.49
311-402815	E41-S-1-15	For T4- E11,max.240V, 250W Wet, 20W Dry	5m x 3 x 1.5mm2	7.5	799.32
310-102816	E41-S-1-16	For T4- E11,max.240V, 250W Wet, 20W Dry	10.0m x 3 x 1.5mm2	8.7	823.24
310-102820	E41-F-1-20	UL/CSA-T4-E11,max120V,250W Wet,20W Dry	4.5m/15' x 16/3 STWA	7.5	765.49
310-102823	E41-F-1-23	For T4- E11,max.240V, 250W Wet, 20W Dry	5.0m x 3 x 1.5mm2	8.7	766.32
310-102825	E41-F-1-25	For T4- E11,max.240V, 250W Wet, 20W Dry	10.0m x 3 x 1.5mm2	8.7	790.24
310-102840	E41-S-2-40	UL/CSA- JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	4.5m/15' x 16/3 STWA	7.5	809.82
310-102843	E41-S-2-43	For JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	5.0m x 3 x 1.5mm2	7.5	810.65
310-102845	E41-S-2-45	For JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	10.0m x 3 x 1.5mm2	8.7	834.57
310-102850	E41-F-2-50	UL/CSA-JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	4.5m/15' x 16/3 STWA	6.8	778.42
310-102853	E41-F-2-53	For JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	5.0m x 3 x 1.5mm2	8.7	779.24
310-102856	E41-F-2-56	For JC, Bi Pin,12V/ 24V, max 150W Wet, 20W Dry	10.0m x 3 x 1.5mm2	8.7	803.17
310-102860	E41-LV-1-60	UL/CSA-MR16,12V/24V,Max.20W Dry,max 20 W.Wet	4.5m/15' x 16/3 STWA	7.4	703.12
310-102862	E41-LV-1-62	For MR16, 12V/24V, Max. 20W Dry, max 20 W. Wet	5.0m x 3 x 1.5mm2	8.7	703.95
310-102864	E41-LV-1-64	For MR16, 12V/24V, Max. 20W Dry, max 20 W. Wet	10.0m x 3 x 1.5mm2	8.7	727.87
310-102865	E41-LV-1-65	For MR16, 12V/24V, Max. 20W Dry, max 75 W. Wet	5.0m x 2 x 2.5mm2	9.8	741.62
310-102867	E41-LV-1-67	For MR16, 12V/24V, Max. 20W Dry, max 75 W. Wet	10.0m x 2 x 2.5mm2	9.8	807.62
350-4001	41-0001	E41 NICHE FOR ABOVE , PRE-PURCHASED, DEDUCT FROM ABOVE		2.5	320.00
		For CSA - SOW-3/16 Cable is used.			
		ADD ON TO FIXTURES			
391-1000	35-1-0000	80mm Flat Dichro Color Lens, (LV only)	Cat.P. 310/Web # 6	0.1	170.50
350-0003	+/-07	Thermal Cut Off for 120/240V only	Factory installed only		26.13
385-3330	T 301	Transformer 240V,50Hz x 12V/24V, 300VA	CE, IP23	2.2	165.00
350-4121	+/-60	Surface Puddle Flange		1.2	220.00
350-4123	+/-63	Surface Liner Clamp		2.9	247.50
350-4110	+/-58-1	Round Tile Mask		0.4	206.25
350-4220	+/-58-2	Square Tile Mask		0.7	269.50
		LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			

SERIAL	PEM	Website Index # 6	CABLE	W.	Sugg.
312-0000	Cat.	Catalog. Pages 326 - 327	Length & Size	Kg	List
	FOR LAMP AS INDICATED (Not included)				Price
	Select cable size to suit lamp(s) wattage (Amperage)				\$
E27 LONG LIFE LAMP, 12V / 24V / 120V / 240V, max.100W (max. MoL; 112mm-4.375")					
		FIXTURE NO CABLE & CORDSEAL			
312-1000	E100-1	CSA-1/2"NPT/BSP Conduit mounted Fixture		2.6	295.48
312-1020	E100-02	Fixture without Stand	For 9-11mm O.D. Cable	2.6	401.96
312-1030	E100-03	Fixture with Tripod Stand	For 9-11mm O.D. Cable	3.2	413.64
		FIXTURE WITH CABLE			0.00
312-2000	E100-2-1	CSA-12V/120V Fixture no Stand-with :	2.7m / 9' x 16/3AWG	3.1	419.86
312-2200	E100-2-2	240V Fixture without Stand - with :	2.7m x 3 x 1.5mm	3.1	423.59
312-2300	E100-2-3	12V / 24V Fixture without Stand - with :	2.7m x 2 x 2.5mm	3.1	448.55
312-3000	E100-3-4	CSA-12V/120V Fixture w.Tripod Stand-with:	2.7m / 9' x 16/3AWG	3.7	431.54
312-3300	E100-3-5	240V Fixture with Tripod Stand - with:	2.7m x 3 x 1.5mm	3.7	435.27
312-3400	E100-3-6	12V / 24V Fixture with Tripod Stand - with:	2.7m x 2 x 2.5mm	3.7	460.23
					0.00
		ADD ON TO LIGHT FIXTURE :			0.00
350-00111	+/-10-1	Rockguard		0.8	149.74
350-00113	+/- 009	Wall Bracket		0.8	49.91
350-00115	+/- -02	Inside Reflector		0.2	78.20
385-3330	T301	Transformer 240,50Hz x12V/24V,300VA	CE, IP23	2.2	199.65
LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					

**E100-2****E100-3, Vertical****E100-3, Horizontal****E100-2 + / -01 Rockguard****E100-2 + / -02 Reflector**

	SERIAL	PEM	Web Index # 6 /	CABLE	W.	Suggested
	313-0000	Cat.	Catalog. Pages 328 - 329	Length & Size	Kg	List
			FOR LAMPS AS INDICATED-(Not included)			Prices
	E150A-1, & 2 Require Lens Adapter for Flat Lens-- MOL = Main overall length of lamp					
	Select cable size to suit lamp(s) wattage (Amperage)					
	FIXTURE w. CONVEX LENS, NO STAND, WITH CORDSEAL, NO CABLE					
	313-10011	E150A-1-01	PAR38,E26,E27, 12V to 240V, for 136mm MOL Lamp	For 3 X 1.5mm2 Cable	4.4	434.41
	313-10021	E150A-2-01	R40,E26/E27, 12V to 240V, for 165mm MOL Lamp	For 3 X 1.5mm2 Cable	4.8	454.74
	313-10031	E150A-3-01	R40,E26/E27,12V to 240V, for 185mm MOL Lamp	For 3 X 1.5mm2 Cable	5.2	459.79
	313-10012	E150A-1-02	PAR38,E26,E27, 12V to 240V, for 136mm MOL Lamp	For 2 X 2.5mm2 Cable	4.4	434.41
	313-10022	E150A-2-02	R40,E26/E27, 12V to 240V, for 165mm MOL Lamp	For 2 X 2.5mm2 Cable	4.8	454.74
	313-10032	E150A-3-02	R40,E26/E27,12V to 240V, for 185mm MOL Lamp	For 2 X 2.5mm2 Cable	5.2	459.79
	313-10013	E150A-1-03	PAR38,E26,E27, 12V to 240V, for 136mm MOL Lamp	For 2 X 4mm2 Cable	4.4	486.68
	313-10023	E150A-2-03	R40,E26/E27, 12V to 240V, for 165mm MOL Lamp	For 2 X 4mm2 Cable	4.8	507.01
	313-10033	E150A-3-03	R40,E26/E27,12V to 240V, for 185mm MOL Lamp	For 2 X 4mm2 Cable	5.2	512.07
	313-10014	E150A-1-04	PAR38,E26,E27, 12V to 240V, for 136mm MOL Lamp	For 2 X 6mm2 Cable	4.4	489.31
	313-10024	E150A-2-04	R40,E26/E27, 12V to 240V, for 165mm MOL Lamp	For 2 X 6mm2 Cable	4.8	509.64
	313-10034	E150A-3-04	R40,E26/E27,12V to 240V, for 185mm MOL Lamp	For 2 X 6mm2 Cable	5.2	514.70
	FIXTURE w. CONVEX LENS, NO STAND WITH CABLE					
	313-10051	E150A-1-10	UL/CSA-PAR38, max.120V, for 136mm MOL Lamp with	2.7m, 9' x 16/3AWG	4.4	518.86
	313-10053	E150A-2-10	UL/CSA-R40, max.120V, for 165mm MOL Lamp with	2.7m, 9' x 16/3AWG	4.9	539.19
	313-10056	E150A-3-10	UL-CSA-R40, max.120V, for 185mm MOL Lamp with	2.7m, 9' x 16/3AWG	5.1	544.25
	313-10061	E150A-1-11	PAR38, E26 max. 240V, for 136mm MOL Lamp with	2.7m, 3 x 1.5mm2	4.9	522.58
	313-10062	E150A-1-12	PAR38, E26 max. 240V, for 136mm MOL Lamp with	5.0m, 3 x 1.5mm2	7.9	535.23
	313-10063	E150A-1-13	PAR38, E26 max. 240V, for 136mm MOL Lamp with	10.0m, 3 x 1.5mm2	7.3	564.18
	313-10064	E150A-1-16	PAR38, E26 12V - 24V, for 136mm MOL Lamp with	2.7m x 2 x 2.5mm2	5.5	540.89
	313-10065	E150A-1-17	PAR38, E26 12V - 24V, for 136mm MOL Lamp with	5.0m x 2 x 4.0mm2	5.8	627.43
	313-10066	E150A-1-18	PAR38, E26 12V - 24V, for 136mm MOL Lamp with	10.0m x 2 x 6.0mm2	8.7	702.27
	313-30703	E150A-3-11	R40, E26, max.240V,300W, for185mm MOL Lamp with	2.7m, 3 x 1.5mm2	5.4	547.97
	313-30705	E150A-3-12	R40, E26, max.240V,300W, for185mm MOL Lamp with	5.0m, 3 x 1.5mm2	6.4	560.62
	313-30707	E150A-3-13	R40, E26, max.240V,300W, for185mm MOL Lamp with	10.0m, 3 x 1.5mm2	4.7	589.57
	313-30901	E150C	PAR38,BR30,max.240V-150W, for 165mm MOL Lamp	1/2" NPS/BSP Conduit	8.1	532.40
	ADD ON TO STANDARD FIXTURES					
	391-0431	13-A	High Temp. Silicon Rubber Lens Gasket	Cat.Page 310/Web Index 6	0.1	63.22
	332-3043	+/-8/-03 (A)	Dichro Adapter for E 150-1 for Flat Lens w.Gasket	Or use E 150-2 or -3	0.9	149.74
	391-2001	+/-30-2	#2A, 143mm Clear Flat Lens	Cat.Page 310/Web Index 6	0.3	63.22
	391-2000	+/-35-2-0000	#2, 143mm Flat Dichro Color Lens.	Cat.Page 310/Web Index 6	0.3	382.66
	350-0003	+/-07	Thermal Cut Off for 120V / 240V only	Factory wired only	0.1	31.61
	350-0011	+/-2A	2. Cable entry, 240V, 3 x 1.5mm2 & 3 x 1.5mm2	Factory wired only	0.1	99.83
	350-0013	+/-2B	2. Cable entry, 12V / 24V , 2 x 4.0mm2 & 2 x 2.5mm2	Factory wired only	0.1	99.83
	350-0023	+/-2C	2. Cable entry, 12V / 24V , 2 x 6.0mm2 & 2 x 2.5mm2	Factory wired only	0.2	133.10
	350-0033	+/-2D	2. Cable entry, 12V / 24V , 2 x 6.0mm2 & 2 x 4.0mm2	Factory wired only	0.3	166.38
	334-3922	+/-05	Dichro Lens Shade	Clip On	0.9	143.08
	350-0014	+/-10-2	Clip On Rockguard		0.8	147.51
	350-0026	+/-10-6	Swing Up Rockguard		0.9	146.84
	350-0029	+/-10-7	Lensguard (In Addition To Lightfixture Only)		0.7	36.30
	350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	133.20
	350-0130	+/-B4	Ring Stand, 60cm WD		2.6	227.10
	350-0290	+/-B7	Mounting Yoke		0.8	85.72
	350-4011	+/-B46-1	Stainless Steel, Bronze Fitted Niche		6.5	915.06
	350-4031	+/-B50A	Walk Over Stainless Steel, Bronze Fitted Niche		8.2	1,125.66
	350-4330	+/-58-03	Tile Mask for Stainless Steel, Bronze Fitted Niche		2.3	299.48
	350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted (E150-1 only)	Requires extra cable length	3.7	540.72
	350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted (E150-1 only)	Requires extra cable length	3.7	625.07
	350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted(E150-1 only)	Requires extra cable length	3.7	623.91
	350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted(E150-1 only)	Requires extra cable length	3.7	707.09
	350-2310	+/-B56-1	Slab Hanger		3.1	355.21
	350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	604.77
	350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	343.66
	350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	593.23
	385-3330	T301	Transformer 240V, 50Hz x 12V/24V, 300VA	CE, IP23	2.2	199.65
	LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					

SERIAL	PEM	Website Index # 6	CABLE	W.	Suggested
314-3000	Cat.	Catalog. Pages 330 - 331	Length & Size	Kg	List
		FOR LAMPS AS INDICATED (Not included)		Pr	Price
		FIXTURE WITH CONVEX LENS, NO STAND, WITH CABLE		U\$	\$
314-3011	E200A-1-11	T4, MC, E11, 120V, UL/CSA max. 250W with	2.7mx16/3STWA/SOW	3.9	494.43
314-3013	E200A-1-13	T4, MC, E11, 240V, max. 250W with	2.7m x 3 x 1.5mm	3.9	498.09
314-3014	E200A-1-14	T4, MC, E11, 240V, max. 250W with	5.0m x 3 x 1.5mm	4.4	510.54
314-3015	E200A-1-15	T4, MC, E11, 240V, max. 250W with	10.0m x 3 x 1.5mm	5.4	483.36
314-3021	E200A-2-21	JC, Bi Pin G6.35 x 1, 0, 12V, 100W with	2.7m x 2 x 2.5mm2	3.9	488.92
314-3023	E200A-2-23	JC, Bi Pin G6.35 x 1, 0, 12V, 100W with	5.0m x 2 x 4mm2	4.4	524.00
314-3024	E200A-2-24	JC, Bi Pin G6.35 x 1, 0, 12V, 100W with	10.0m x 2 x 6mm2	6.3	559.83
314-3025	E200A-2-25	JC, Bi Pin G6.35 x 1, 0, 24V, 150W with	2.7m x 2 x 2.5mm2	3.9	488.92
314-3026	E200A-2-26	JC, Bi Pin G6.35 x 1, 0, 24V, 150W with	5.0m x 2 x 4mm2	4.4	557.24
314-3027	E200A-2-27	JC, Bi Pin G6.35 x 1, 0, 24V, 150W with	10.0m x 2 x 6mm2	6.3	595.36
		ADD ON TO STANDARD FIXTURES			
391-2001	+/-30-2	#2A, 143mm Clear Flat Lens		0.3	62.23
391-2000	+/-35-2-0000	#2, 143mm Flat Dichro Color Lens.	Page 310/Web INDEX 6	0.3	376.63
334-3922	+/-05	Dichro Lens Shade	Clip On	0.3	140.83
350-0003	+/-07	Thermal Cut Off for 120V / 240 V only	Factory wired only	0.1	31.11
350-0014	+/-10-2	Clip On Rockguard		0.8	145.18
350-0026	+/-10-6	Swing Up Rockguard		0.9	144.53
350-0029	+/-10-7	Lensguard (Addition to Lightfixture Only)		0.7	36.68
350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	131.10
350-0110	+/-B1S	Tripod Stand, 25cm WD		1.2	134.90
350-0130	+/-B4	Ring Stand, 60cm WD		2.4	223.52
350-0220	+/-B6-1	Mounting Brackets		1.1	34.49
350-0290	+/-B7	Mounting Yoke		0.8	84.36
350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	532.19
350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	614.06
350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	614.06
350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	695.94
350-0330	+/-B60-1	B60 Composite Niche	Requires extra cable length	4.5	429.68
350-4041	+/-B60-2	Bolt On Niche B 60 Rockguard		1.5	144.10
350-4042	+/-58-05	Tile Mask for B60 Niche		2.8	360.25
350-2310	+/-B56-1	Slab Hanger		3.1	349.61
350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	595.23
350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	338.24
350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	583.87
350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	245.63
350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	311.13
350-0742	+/-B23-2-1	16mm x 100mm Mounting Rod For B23		0.3	65.50
350-0742	T301	Transformer 240V, 50Hz x 12V/24V, 300VA	IP23, While Stocks last	2.2	196.50
		LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			

**E200A****E200A+10-2****E200A+10-6****E200A+10-7****E200A+B6-1****E200A+B1-S****E200A+B30-1****E200A+ B56-1**

	SERIAL	PEM	Web Site Index # 6 /	CABLE	W.	Suggested
	315-0000	Cat.	Catalog. Pages 332 - 333	Length & Size	Kg	List
			FOR LAMPs AS INDICATED (Not included)			Prices
			FIXTURE, W. CONVEX LENS, NO STAND WITH CABLE			\$
 E300A	315-1111	E300A-S-1-11	UL/CSA-For T4, MC, E11, 120V, max. 500W with cable	9' x 16/3STWA/SOW	3.5	578.12
	315-1121	E300A-F-1-21	UL/CSA-For T4, MC, E11, 120V, max. 500W with cable	9' x 16/3STWA/SOW	3.7	525.51
	315-1131	E300A-S-1-31	For T4, MC, E11, 240V, max. 500W with cable	2.7m x 3 x 1.5mm2	3.5	581.65
 E300A+B6-1	315-1132	E300A-S-1-32	For T4, MC, E11, 240V, max. 500W with cable	5.0m x 3 x 1.5mm2	4.5	593.62
	315-1133	E300A-S-1-33	For T4, MC, E11, 240V, max. 500W with cable	10.0m x 3 x 1.5mm2	5.5	621.02
	315-1141	E300A-F-1-41	For T4, MC, E11, 240V, max. 500W with cable	2.7m x 3 x 1.5mm2	3.7	529.04
 E300A+B9+10-6	315-1142	E300A-F-1-42	For T4, MC, E11, 240V, max. 500W with cable	5.0m x 3 x 1.5mm2	4.7	541.01
	315-1143	E300A-F-1-43	For T4, MC, E11, 240V, max. 500W with cable	10.0m x 3 x 1.5mm2	5.7	568.42
	315-1151	E300A-S-2-51	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	2.7m x 2 x 2.5mm2	3.7	583.22
 E300A+B9+10-6 (open)	315-1152	E300A-S-2-52	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	5.0m x 2 x 4mm2	4.4	648.93
	315-1153	E300A-S-2-53	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	10.0m x 2 x 6mm2	6.3	685.60
	315-1161	E300A-F-2-61	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	2.7m x 2 x 2.5mm2	3.7	520.22
 E300A+B1S	315-1162	E300A-F-2-62	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	5.0m x 2 x 4mm2	4.4	585.93
	315-1163	E300A-F-2-63	For JC, Bi Pin, max. 12v-100w / 24V-150W, with cable	10.0m x 2 x 6mm2	6.3	622.60
	315-1171	E300A-3-71	For AR111- max. 12v, 100W, with cable	2.7m x 2 x 2.5mm2	2.9	486.71
 E300A+B30-1	315-1172	E300A-3-72	For AR111- max. 12v, 100W, with cable	5.0m x 2 x 4mm2	3.1	552.42
	315-1173	E300A-3-73	For AR111- max. 12v, 100W, with cable	10.0m x 2 x 6mm2	3.4	589.08
			ADD ON TO STANDARD FIXTURES			
 E300A+B56-1	391-2001	+/-30-2	#2A, 143mm Clear Flat Lens	Cat.Pag. 310/Web INDEX 6	0.3	62.23
	391-2000	+/-35-2-0000	#2, 143mm Flat Dichro Color Lens.	Cat.Pag. 310/Web INDEX 6	0.3	376.63
	332-3043	+/-0902	Flat Lens Adapter (Required for Flat Lenses)		0.9	196.50
	391-0722	+/-05	Dichro Lens Shade	Clip On	0.9	140.83
	350-0003	+/-07	Thermal Cut Off for 120V / 240V only	Factory wired only	0.1	31.11
	350-0014	+/-10-2	Clip On Rockguard		0.8	145.18
	350-0026	+/-10-6	Swing Up Rockguard		0.9	144.53
	350-0029	+/-10-7	Lensguard (In Addition To Lightfixture Only)		0.7	35.37
	350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	131.10
	350-0110	+/-B1S	Tripod Stand, 25cm WD		1.2	134.90
	350-0130	+/-B4	Ring Stand, 60cm WD		2.4	223.52
	350-0220	+/-B6-1	Mounting Brackets		1.1	34.49
	350-0290	+/-B7	Mounting Yoke		0.8	84.36
	350-0410	+/-B9	250mm Ring Stand , 184mm height		1.3	144.53
	350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	532.19
	350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	614.06
	350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	614.06
	350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	695.94
	350-0330	+/-B60-1	B60 Composite Niche	Requires extra cable length	4.5	429.68
	350-4041	+/-B60-2	Bolt On Niche B 60 Rockguard		1.5	141.48
	350-4042	+/-58-05	Tile Mask for B30 & B60 Niche		2.8	360.25
	350-2310	+/-B56-1	Slab Hanger		3.1	349.61
	350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	595.23
	350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	338.24
	350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	583.87
	350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	245.63
	350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	311.13
	350-0742	+/-B23-2-1	16mm x 100mm Mounting Rod For B23		0.3	65.50
	350-0742	T301	Transformer 240V, 50Hz x 12V/24V, 300VA	IP23,While Stocks last	2.2	196.50
			LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			

SERIAL	PEM	Web Index # 6 /	CABLE	W.	Suggested
316-20000	Cat.	Catalog. Pages 334 - 335	Length & Size	Kg	List
		FOR PAR 56 LAMPS (Not Included)			Price
		Select cable size to suit lamp wattage (Amperage)			
		FIXTURE, CONVEX LENS, NO STAND, NO CABLE FOR:			
		E500-2 Standard,external cordseal, cable sealing chamber			\$
316-20021	E500A-2-01	For PAR 56, 12/24V, max. 300W, 23 A.	For 2 x 4mm2 Cable	5.4	596.93
316-20022	E500A-2-02	For PAR 56, 12/24V, max. 300W, 30A.	For 2 x 6mm2 Cable	5.6	599.52
316-20023	E500A-2-03	For PAR 56, 240V, max. 500W, 5A	For 3 x 1.5mm2 Cable	5.3	545.48
		E500-2 CSA, No cable, no cable sealing chamber			
316-20031	E500A-3-01	For PAR 56, 12/24V, max. 300W, 23 A.	For 2 x 4mm2 Cable	5.4	557.93
316-20032	E500A-3-02	For PAR 56, 12/24V, max. 300W, 30A.	For 2 x 6mm2 Cable	5.6	560.52
316-20033	E500A-3-03	For PAR 56, 240V, max. 500W, 5A	For 3 x 1.5mm2 Cable	5.3	506.48
		FIXTURE, CONVEX LENS, NO STAND, WITH CABLE :			
316-20110	E500A-1-10	For 120V, max. 500W, CSA, UL	2.7m x 16/3 STWA/SOW	6.5	628.60
316-20120	E500A-1-20	For 12V, max. 300W, CSA, UL	2.7m x 10/3 STWA/SOW	9.8	628.60
316-20230	E500A-2-30	For 12/24V, max. 300W , 30A	2.7m x 2 x 4mm2	8.2	687.00
316-20240	E500A-2-40	For 12/24V, max. 300W , 30A	5.0m x 2 x 6mm2	11.9	705.96
316-20250	E500A-2-50	For 240V, max. 500W, 5A	2.7m x 3 x 1.5mm2	5.8	632.27
316-20260	E500A-2-60	For 240V, max. 500W, 5A	5.0m x 3 x 1.5mm2	6.3	644.72
316-20335	E500A-3-35	For 12/24V, max. 300W , 30A	2.7m x 2 x 4mm2	8.2	603.71
316-20345	E500A-3-45	For 12/24V, max. 300W , 30A	5.0m x 2 x 6mm2	11.9	622.68
316-20355	E500A-3-55	For 240V, max. 500W, 5A	2.7m x 3 x 1.5mm2	5.8	548.99
316-2065	E500A-3-65	For 240V, max. 500W, 5A	5.0m x 3 x 1.5mm2	6.3	561.43
		ADD ON TO STANDARD FIXTURES			
350-0003	+/-07	Thermal Cut Off for single cable 120 / 240V only	Factory wired only	0.1	31.11
350-1111	+/-2A	2. Cable entry, 240V, 3 x 1.5mm2	Factory wired only	0.1	98.25
350-1113	+/-2B	2. Cable entry, 12V / 24V , 2 x 2.5mm2	Factory wired only	0.1	98.25
350-1123	+/-2C	2. Cable entry, 12V / 24V , 2 x 4mm2	Factory wired only	0.2	131.00
350-1133	+/-2D	2. Cable entry, 12V / 24V , 2 x 6mm2	Factory wired only	0.3	163.75
391-3001	+/-30-3	213mm Clear Flat Lens (0903 required)	Cat.Page310/Web Index 6	1.1	101.53
391-3000	+/-35-3-0000	213mm Flat Dichro Color Lens(0903 required)	Cat.Page310/Web Index 6	1.1	586.23
391-0723	+/-0903	Flat Lens Adapter (B4 or B4A Stand required)		2.8	327.50
334-3922	+/-05	Dichro Lens Shade	Clip On	0.9	189.95
350-0014	+/-10-3	Bolt On Rock Guard		1.5	270.65
350-0035	+/-10-8	Lensguard (In Addition To Lightfixture Only)		1.0	78.60
350-0026	+/-10-9	Swing Up Rock Guard		0.7	219.79
350-0290	+/-B7	B7 Yoke		0.8	84.36
350-0270	+/-B6-2	B6-2 Brackets	20cm W.D.	0.9	60.75
350-0109	+/-B1	B1, Tripod Stand	33 to 40cm WD	1.4	131.10
350-0200	+/-B4	B4 Ring Stand	33 to 40cm WD	2.6	223.52
350-0220	+/-B4A	B4A Ring Stand	0.5 / 1.0m WD	7.2	377.38
350-4062	+/-B69-1	B69-1 Stainless Steel Niche	Requires extra cable length	7	655.00
350-4660	+/-58-06	58-06 Tile Mask		2.3	393.00
350-4081	+/-B70A	Walk Over Stainless Steel Niche	Requires extra cable length	11.5	792.55
350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	532.19
350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	614.06
350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	614.06
350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	695.94
350-2510	+/-B76	B76 Walk OverSlab Hanger		5,4	462.53
350-2520	+/-B76A	B76A Slab Hanger With Locks		6,2	708.15
362-20030	T301	Transformer 240V, 50Hz x 12V or 24V, 300VA	CE, IP23	2.2	196.50
		LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			



E600A



E600A+ 10-9



E600A-6



E600A+B30-1



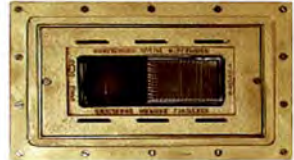
E600A+B69A-1

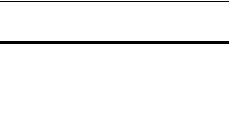


SERIAL	PEM	Web Index # 6	Cable	W.	Suggested
317-0000	Cat.	Catalog. Pages 336 - 337	Length & Size	Kg	List
		FOR LAMPS as Indicated (Not Included)			Price
		Select cable size to suit wattage (Amperage) of lamp(s)			
		4 Circuits = Multiple Conductor Cable			
		FOR PAR 56 SINGLE LAMP W. CORDSEAL, NO STAND, NO CABLE			\$
317-0111	E600A-1-1	For 12VAC, max. 300W	2 x 6.0mm2	6.3	634.11
317-0211	E600A-1-2	For 24V, max. 250W	2 x 4.0mm2	5.4	631.52
317-0311	E600A-1-3	For 240V, max. 500W	3 x 1.5mm2	5.8	580.07
		FOR PAR 56 SINGLE LAMP, NO STAND, WITH CABLE			
317-0211	E600A-2-1	For 12VAC, max. 300W	2.7m x 2 x 6.0mm2	6.3	724.72
317-0214	E600A-2-1	For 12VAC, max. 300W	5.0m x 2 x 6.0mm2	8.2	679.96
317-0221	E600A-2-3	For 24VAC, max. 250W	2.7m x 2 x 4.0mm2	5.4	721.58
317-0231	E600A-2-5	For 240VAC, max. 500W	2.7m x 3 x 1.5mm2	5.8	666.86
317-0241	E600A-2-6	For 12VAC, max. 300W, CSA, UL	2.7mx10/3 STWA/SOW	9.8	663.19
317-0251	E600A-2-7	For 24VAC, max. 250W, CSA, UL	2.7mx12/3 STWA/SOW	7.8	663.19
317-0261	E600A-2-8	For 120VAC, max. 500W, CSA, UL	2.7mx16/3 STWA/SOW	6.5	663.19
		FOR 8 LAMPS W. CORDSEAL, , NO STAND, NO CABLE			
317-0311	E600A-3-1-1	For 8 x GU10, 240V, Single Circuit	3 x 1.5mm2	5.3	751.81
317-0321	E600A-3-1-2	For 8 x GU10, 240V, Single Circuit	3 x 2.5mm2	5.3	751.81
317-0411	E600A-3-4-1	For 8 x GU10, 240V, 4 Circuits	6 x 1.5mm2	5.3	818.98
317-0421	E600A-3-4-2	For 8 x GU10, 240V, 4 Circuits	6 x 2.5mm2	5.3	821.57
317-0511	E600A-4-1-1	For 8 x MR16, 12VAC, Single Circuit	2 x 2.5mm2	5.3	773.29
317-0521	E600A-4-1-2	For 8 x MR16, 12VAC, Single Color	2 x 2 x 6.0mm2	6.3	827.33
317-0651	E600A-4-4-1	For 8 x MR16, 12VAC, 4 Circuits	16/6 AWG(6/2.5mm2)	5.3	827.33
317-0661	E600A-4-4-2	For 8 x MR16, 12VAC, 4 Circuits	16/9 AWG(9/2.5mm2)	5.3	827.33
		FIXTURE W. CONVEX LENS, NO STAND, WITH CABLE			
317-0311	E600A-5-1-1	For 8 x GU10, 240V, Single Circuit	2.7m x 3 x 1.5mm2	5.3	805.85
317-0321	E600A-5-1-2	For 8 x GU10, 240V, Single Color	2.7m x 3 x 2.5mm2	5.3	846.78
317-0411	E600A-5-4-3	For 8 x GU10, 240V, 4 Circuits	2.7m x 16/6 AWG	6.4	936.06
317-0421	E600A-5-4-4	For 8 x GU10, 240V, 4 Circuits	2.7m x 16/9 AWG	7.8	1,021.37
317-0511	E600A-6-1-1	For 8 x MR16, 12VAC, Single Circuit	2.7m x 3 x 2.5mm2	5.3	852.55
317-0541	E600A-6-1-2	For 8 x MR16, 12VAC, Single Circuit	2 x 2.7m x 2 x 6.0mm2	8.9	896.76
317-0542	E600A-6-1-3	For 8 x MR16, 12VAC, Single Circuit	2 x 5.0m x 2 x 6.0mm2	9.6	929.51
317-0651	E600A-6-4-1	For 8 x MR16, 12VAC, 4 Circuits	2.7m x 16/6 AWG	6.4	941.79
317-0661	E600A-6-4-2	For 8 x MR16, 12VAC, 4 Circuits	2.7m x 16/9 AWG	7.8	1,027.11
		ADD ON TO STANDARD FIXTURES			
391-3001	30-3	213mm Flat Clear Lens.	Cat. Page 310/Web INDEX 6	1.1	101.53
391-3021/30	35-3-21/30	213mm Flat Dichro Color Lens.	Cat. Page 310/Web INDEX 6	1.1	586.23
334-3593	+/-0-5	(B) Dichro Lens Shade		1.2	245.63
334-3548	+/-2-1	Internal Holder for 161mm Color Filters		1.3	124.45
334-3548	+/-2-2	Internal Holder for 168mm Color Filters		1.3	124.45
350-0003	+/-07	Thermal Cut Off for 120 / 240V only	Factory wired only	0.1	31.11
350-1111	+/-2A	2. Cable entry, 240V, 3 x 1.5mm2	Factory wired only	0.1	98.25
350-1113	+/-2B	2. Cable entry, 12V / 24V, 2 x 2.5mm2	Factory wired only	0.1	98.25
350-1123	+/-2C	2. Cable entry, 12V / 24V, 2 x 4mm2	Factory wired only	0.2	131.00
350-1133	+/-2D	2. Cable entry, 12V / 24V, 2 x 6mm2	Factory wired only	0.3	163.75
350-0014	+/-10-3	Bolt On Rock Guard		1.5	270.65
350-0035	+/-10-8	Lensguard (In Addition To Lightfixture Only)		1.0	207.47
350-0026	+/-10-9	Swing Up Rock Guard		0.7	219.79
350-0220	+/-B4A	B4A Ring Stand		7.2	1,114.74
350-4081	+/-B70A	Walk Over Stainless Steel Niche	Requires extra cable length	11.5	799.10
350-4062	+/-B69A-1	B69A-1 Stainless Steel Niche	Requires extra cable length	9.0	694.30
350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	532.19
350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	614.06
350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	614.06
350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	695.94
385-3330	T301	Transformer 240V, 50Hzx12V/24V, 300VA	P23, While stock last	2.2	196.50
		LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15			

SERIAL	PEM	Web Index # 6	CABLE	W.	Suggested	
318-0000	Cat.	Catalog. Page 338 - 339	Length & Size	Kg	List	
		For Lamps as indicated (Not Included)			Prices	
		FIXTURE, CONVEX LENS, NO STAND, NO CABLE			\$	
318-3001	E700A-S-1-01-0	For T4,MC,E11,240V,max250W for 3 X 1.5mm2 Cable	No Cable	4.9	496.17	 E700A
318-4001	E700A-F-1-01-0	For T4,MC,E11,240V,max250W for 3 X 1.5mm2 Cable	No Cable	4.9	431.67	
318-5101	E700A-S-1-02-1	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 2.5mm2 Cable	No Cable	4.9	511.32	
318-5102	E700A-S-1-02-2	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 4mm2 Cable	No Cable	5.1	561.99	
318-5103	E700A-S-1-02-3	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 6mm2 Cable	No Cable	5.1	564.54	
318-5201	E700A-F-1-02-1	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 2.5mm2 Cable	No Cable	5.1	446.82	
318-5202	E700A-F-1-02-2	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 4mm2 Cable	No Cable	5.1	497.49	
318-5103	E700A-F-1-02-3	For JC, Bi Pin, G6.35-1, 12 / 24V, for 2 x 6mm2 Cable	No Cable	5.1	500.04	
		FIXTURE, CONVEX LENS, NO STAND, WITH CABLE				 E700A + 10-6
318-1100	E700A-S-2-1	UL/CSA-For T4, MC, E11, 120V, max. 250W with cable	9' x 16/3STWA/SOW	5.4	616.72	
318-2100	E700A-F-2-1	UL/CSA-For T4, MC, E11, 120V, max. 250W with cable	9' x 16/3STWA/SOW	5.4	571.57	
318-3002	E700A-S-2-4	For T4, MC, E11, 240V, max. 250W with cable	2.7m x 3 x 1.5mm2	5.6	620.33	
318-3003	E700A-S-2-5	For T4, MC, E11, 240V, max. 250W with cable	5.0m x 3 x 1.5mm2	6.1	632.58	
318-3004	E700A-S-2-6	For T4, MC, E11, 240V, max. 250W with cable	10.0m x 3 x 1.5mm2	7.1	605.82	
318-4002	E700A-F-2-4	For T4, MC, E11, 240V, max. 250W with cable	2.7m x 3 x 1.5mm2	5.6	575.18	
318-4003	E700A-F-2-5	For T4, MC, E11, 240V, max. 250W with cable	5.0m x 3 x 1.5mm2	6.1	587.43	
318-4004	E700A-F-2-6	For T4, MC, E11, 240V, max. 250W with cable	10.0m x 3 x 1.5mm2	7.1	560.67	
318-5102	E700A-S-3-4	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	2.7m x 2 x 2.5mm2	5.6	614.52	 E700A + B30-1
318-5103	E700A-S-3-5	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	5.0m x 2 x 4mm2	6.4	665.19	
318-5104	E700A-S-3-6	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	10.0m x 2 x 6mm2	8.1	667.74	
318-5202	E700A-F-3-4	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	2.7m x 2 x 2.5mm2	5.6	550.02	
318-5203	E700A-F-3-5	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	5.0m x 2 x 4mm2	6.4	600.69	
318-5204	E700A-F-3-6	JC, Bi Pin, G6.35-1, max. 12v-100w / 24V-150W, with	10.0m x 2 x 6mm2	8.1	603.24	
319-1000	E700C-S-5-4	240V, 250W Wall Fixture w. 400B Niche	5m x 3 x 1.5mm2	12.1	1,683.93	
319-2000	E700C-F-5-5	240V, 250W Wall Fixture w. 400B Niche	5m x 3 x 1.5mm2	12.1	1,619.43	
319-3000	E700C-S-5-6	12V, 100W or 24V, 150W Wall Fixture w. 400B Niche	5m x 2 x 4mm2	14.5	1,697.19	
319-4000	E700C-F-5-7	12V, 100W or 24V, 150W Wall Fixture w. 400B Niche	5m x 2 x 6mm2	14.5	1,635.24	 E700A + B46-1
		ADD ON TO STANDARD FIXTURES				
391-0431	13-A	High Temp. Silicon Rubber Lens Gasket	Cat. Page 310/Web INDEX 6	0.1	61.28	
391-2001	+/-30-2	#2A, 143mm Clear Flat Lens for -0902	Cat. Page 310/Web INDEX 6	0.3	61.28	
391-2000	+/-35-2-0000	#2, 143mm Flat Dichro Color Lens for -0902 .	Cat. Page 310/Web INDEX 6	0.3	370.88	
332-3043	+/-0902	Flat Lens Adapter (Required for Flat Lenses)		0.9	161.25	
391-0722	+/-05	Dichro Lens Shade	Clip On	0.9	138.68	
350-0003	+/-07	Thermal Cut Off for 120V / 240V only	Factory wired only	0.1	30.64	
350-0014	+/-10-2	Clip On Rockguard		0.8	142.96	
350-0026	+/-10-6	Swing Up Rockguard		0.9	142.32	 E700A + B46-1 (tilted)
350-0029	+/-10-7	Lensguard (In Addition To Lightfixture Only)		0.7	36.12	
350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	129.10	
350-0130	+/-B4	Ring Stand, 60cm WD		2.4	220.11	
350-0220	+/-B6-2	Mounting Brackets		2.0	59.82	
350-0290	+/-B7	Mounting Yoke		0.8	83.08	
350-0330	+/-B46-1	Stainless Steel Niche	Requires extra cable length	4.5	451.50	
350-4330	+/-58-03	Tile Mask for B46-1 Niche		2.8	290.25	
350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	524.06	 E700A + B66-1
350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	604.69	
350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	604.69	
350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	685.31	
350-2310	+/-B56-1	Slab Hanger		3.1	344.27	
350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	586.14	
350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	333.08	
350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	574.95	
350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	241.88	
350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	306.38	
350-0742	+/-B23-2-1	16mm x 100mm Mounting Rod For B23		0.3	64.50	
350-0742	T301	Transformer 240V, 50Hz x 12V or 24V, 300VA	IP23 , CE	2.2	193.50	
LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15						

	SERIAL	PEM	Web Index # 6 /	CABLE	W.	Suggested
	324-0000	Cat.	Catalog. Page 340 - 341	Length & Size	Kg	List
		For LAMPS as indicated (Not Included)				Price
		E800 FOR USE WITH 120V & 240V ONLY				
		FIXTURE, CONVEX LENS, NO STAND, WITH CABLE				\$
 E800A	324-1000	E800A-S-1	UL/CSA-T4, MC, E11, 120V, 500W with	2.7m/9' x 16/3STWA/SOW	6.0	616.88
	324-2000	E800A-F-1	UL/CSA-T4, MC, E11, 120V, 500W with	2.7m/9' x 16/3STWA/SOW	6.1	552.38
	324-5002	E800A-S-4	T4, MC, E11, 240V, 500W with	2.7m x 3 x 1.5mm2	6.0	620.49
	324-5003	E800A-S-5	T4, MC, E11, 240V, 500W with	5.0m x 3 x 1.5mm2	6.5	632.75
 E800A + 10-6	324-5004	E800A-S-6	T4, MC, E11, 240V, 500W with	10.0m x 3 x 1.5mm2	7.5	670.80
	324-7002	E800A-F-7	T4, MC, E11, 240V, 500W with	2.7m x 3 x 1.5mm2	6.1	555.99
	324-7003	E800A-F-8	T4, MC, E11, 240V, 500W with	5.0m x 3 x 1.5mm2	6.7	568.25
	324-7004	E800A-F-9	T4, MC, E11, 240V, 500W with	10.0m x 3 x 1.5mm2	7.7	606.30
 E800A + B30-1			ADD ON TO STANDARD FIXTURES			
	391-2001	+/-30-2	#2A, 143mm Clear Flat Lens	Cat. Page 310/Web INDEX 6	0.3	61.28
	391-2000	+/-35-2-0000	#2, 143mm Flat Dichro Color Lens.	Cat. Page 310/Web INDEX 6	0.3	370.88
	332-3043	+/-0902	Flat Lens Adapter (Required for Flat Lenses)		0.9	161.25
 E800A + B46-1	391-0722	+/-05	Dichro Lens Shade	Clip On	0.9	138.68
	350-0003	+/-07	Thermal Cut Off for 120V / 240V only	Factory wired only	0.1	30.64
	350-0014	+/-10-2	Clip On Rockguard		0.8	142.96
	350-0026	+/-10-6	Swing Up Rockguard		0.9	142.32
 E800A + B46-1 (tilted)	350-0029	+/-10-7	Lensguard (In Addition To Lightfixture Only)		0.7	38.70
	350-0109	+/-B1	Tripod Stand, 40cm WD		1.4	129.10
	350-0130	+/-B4	Ring Stand, 60cm WD		2.4	220.11
	350-0290	+/-B7	Mounting Yoke		0.8	83.08
 E800A + B56-1	350-0330	+/-B46-1	Stainless Steel Niche	Requires extra cable length	4.5	451.50
	350-4330	+/-58-03	Tile Mask for B46-1 Niche		2.8	290.25
	350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	524.06
	350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	604.69
	350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	604.69
	350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	685.31
	350-2310	+/-B56-1	Slab Hanger		3.1	344.27
	350-2320	+/-B56-1A	Slab Hanger with Locks		3.5	586.14
	350-2410	+/-B57-1	Waterfall Slab Hanger		2.8	333.08
	350-2420	+/-B57-1A	Waterfall Slab Hanger with Locks		3.2	574.95
	350-0733	+/-B23-6	Bracket for 6 Lights on 3" Pipe		1.0	241.88
	350-0734	+/-B23-7	Bracket for 6 Lights on 4" Pipe		1.6	306.38
	350-0742	+/-B23-2-1	16mm x 100mm Mounting Rod For B23		0.3	64.50
	350-0742	T301	Transformer 240V, 50Hzx12V/24V, 300VA	CE, IP23	2.2	193.50
	LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					

SERIAL	PEM	Web Index #6 /	CABLE	W.	List	
327-0000	Cat.	Catalog. Page 342 - 343	Length & Size	Kg	Prices	
		For LAMP AS INDICATED (Not Included)			\$	
		E910 FIXTURE WITH NICHE AND CABLE				
327-1010	E910-1-1	UL-A19, max. 120V, 100W, MOL 113mm with	15' x 16/3 AWG	6.30	945.00	E910 & E950
327-1020	E910-1-2	CSA-A19, max. 120V, 100W, MOL 113mm with	15' x 16/3 AWG	6.50	945.00	
327-1032	E910-1-3	A26 / 27, max. 240V, 100W, MOL 113mm with	5.0 m x 3 x 1.5mm2	6.30	945.00	
327-1033	E910-1-4	A26 / 27, max. 240V, 100W, MOL 113mm with	10.0m x 3 x 1.5mm2	6.90	945.00	
327-1042	E910-1-5	A26 / 27, max. 240, 100W, MOL 113mm with	5.0m x 2 x 2.5mm2	6.80	945.00	
327-1052	E910-1-6	A26 / 27, max. 12V, 60W, MOL 113mm with	5.0m x 2 x 2.5mm2	6.80	945.00	E910 & E950
		E950 FIXTURES WITH CABLE, NICHE EXTRA				
327-4010	E950-1-1	UL-T4, MC, E11, 120V, max. 250W with	15' x 16/3 AWG	6.60	945.00	
327-4020	E950-1-2	CSA-T4, MC, E11, 120V, max. 250W with	15' x 16/3 AWG	6.50	945.00	
327-4032	E950-1-3	T4, MC, E11, 240V, max. 250W with	5.0m x 3 x 1.5mm2	6.70	945.00	E910 & E950 + 10-4
327-4033	E950-1-4	T4, MC, E11, 240V, max. 250W with	10.0m x 3 x 1.5mm2	6.90	945.00	
327-4042	E950-1-5	JC, Bi Pin, max.12V-100W , 24V-150W with	5.0m x 2 x 2.5mm2	6.80	945.00	
		E910-E950 CAST BRONZE NICHE				
327-1003	E900-3	CAST BRONZE NICHE		3.50	390.00	
		ADD ON TO STANDARD FIXTURES				E910 & E950 + 10-4
350-0003	+/-07	Thermal Cut Off for 120 / 240V only	Factory wired only	0.1	31.61	
350-0020	+/-10-4	Rockguard		0.7	106.48	
350-4172	+/-63	Surface Liner Clamp ADD ON TO NICHE		2.1	780.00	
385-3330	T301	Transformer 240V, 50Hz x 12V or 24V, 300VA	CE, IP23	2.2	219.00	
						E910 & E950 + 63
	LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					

	SERIAL	PEM	Web Index # 6 /	CABLE	W.	Suggested
	329-0000	Cat.	Catalog. Page 344 - 345	Length & Size	Kg	List
	FOR PAR 64, max. 1000W, 120V LAMPs (not Included)					Price
	E 1100 FIXTURE W. CONVEX LENS, NO STAND, NO CABLE					\$
	329-4001	E1100A-01	PAR64, 240V with 3x 1.5mm2 cordseal	No Cable	8.6	625.17
	329-4011	E1100A-02	2 x 120Von 240V w.2x 3 x 1.5mm2 cordseals	No Cable	8.7	651.77
	E 1100 FIXTURE W. CONVEX LENS, NO STAND, WITH CABLE					
	329-1001	E1100A-1-1	PAR64, 120V, max. 1000W, UL	2.7m (9') x 16/3	9.1	676.31
	329-1002	E1100A-1-2	PAR64, 120V, max. 1000W, UL	2.7m (9') x 12/3	9.1	693.99
	239-1005	E1100A-1-3	PAR64, 120V, max. 1000W, CSA	2.7m (9') x 16/3	9.1	676.31
	329-4002	E1100A-1-5	PAR64, 120/240V, max. 1000W	2.7m x 3 x 2.5mm2	9.1	681.69
	329-4003	E1100A -1-6	PAR64, 120/240V, max. 1000W	5.0m x 3 x 2.5mm2	9.6	704.97
	329-4012	E1100A-2-5	For pairing of 2x120V on 240V with -1-5/6 above	2.7m x 3 x 1.5mm2	9.2	680.03
	329-4013	E1100A-2-6	For pairing of 2x120V on 240V with -1-5/6 above	5.0m x 3 x 1.5mm2	9.7	692.66
	In-fixture cable pairing in factory only, otherwise in-junction box pairing					
	For custom cable size, length & pairing please enquire					
	ADD ON TO STANDARD FIXTURES					
	391-3001	+/-30-3	213mm Clear Flat Lens	Cat. Page 310/Web INDEX 6	1.1	103.08
	391-3000	+/-35-3-0000	213mm Flat Dichro Color Lens	Cat. Page 310/Web INDEX 6	1.1	595.18
	391-0724	+/-0904	Flat Lens Adapter, Requires B4A Yoke/Stand	Cat. Page 310/Web INDEX 6	3.2	399.00
	359-0000	+/-9 / -94(D)	Dichro Lens Shade (Clip On)		0.5	226.10
	350-1111	+/-2A	2. Cable entry, 3x1.5mm2 or 3x2.5mm2 cable	(2 x 120V Lamps on 240V)	0.1	99.75
	350-0003	+/-07	Thermal Cut Off for single 120 / 240V only	Factory wired only	0.1	31.59
	350-0014	+/-10-3	Bolt On Rock Guard		3.0	274.78
	350-0026	+/-10-9	Swing Up Rock Guard		2.0	223.15
	350-0035	+/-10-8	Lensguard (In Addition To Lightfixture Only)		3.5	79.80
	350-0290	+/-B7	Yoke		1.0	126.35
	350-0295	+/-B7A	Heavy Duty Yoke (For Flat Lens Adapter)		2.1	159.60
	350-0270	+/-B6-2	B6-2 Brackets		2.0	35.02
	350-0140	+/-B2	B2, Tripod Stand	33 to 40cm Water Depth	2.2	232.62
	350-0200	+/-B4	B4 Ring Stand	33 to 40cm Water Depth	3.5	226.94
	350-0220	+/-B4A	Heavy Duty B4A Ring Stand	0.5 / 1.0m Water Depth	4.5	383.15
	350-4062	+/-B69-1A	B69A-1 Stainless Steel Niche	Requires extra cable length	9.5	698.25
	350-4660	+/-58-06	58-06 Tile Mask		2.3	399.00
	350-4081	+/-B70A	B70A Walk Over Stainless Steel Niche	Requires extra cable length	11.5	798.00
	350-2510	+/-B76	B76 Walk Over Slab Hanger	Requires extra cable length	6.5	469.60
	350-2520	+/-B76A	B76A Slab Hanger w. locks		7.2	718.97
	350-0320	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	540.31
	350-0321	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	623.44
	350-0324	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	623.44
	350-0325	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	706.56
	LIGHTFIXTURE MAINTENANCE PARTS ON PAGES # 14 & # 15					

SERIAL	PEM	FIXTURES WITH CONVEX LENS for:	CABLE	W.	List Price
331-00000	Cat.	(PAR 56 size LED plates, Philips DLE-C101 type)	Length & Size	Kg	US \$
		LED Plates not included are extra and additional			
316-20003	E1450-03	With 1 cordseal entry, no cable , no sealant	No Cable	4.9	379.00
316-20010	E1450-10	With 1 cordseal, sealed cable entry,	1 x 2.7m x 4 x 1.5mm2	5.9	394.00
316-20011	E1450-11	With 1 cordseal, sealed cable entry	1 x 5.0m x 4 x 1.5mm2	7.9	409.00
316-20041	E1450-41	With 1 cordseal, sealed cable entry	9.0' / 2.7m x 16-4 AWG STA	6.4	394.00
316-20011	E1450-42	With 1 cordseal, sealed cable entry	20' / 6.0m x 16-4 AWG STA	7.9	409.00
316-20041	E1450-43	With 1 cordseal, sealed cable entry	50' / 16.0m x 18-4 AWG STA	6.4	451.00
		UL,cUL & CE approval for fixtures applied for at time of print			
		ADD ONS TO PEM E1450 FIXTURES			
350-0003	+/-30-3	213mm Clear Flat Lens (0903 required)		1.1	86.00
350-1113	+/-10-9	PEM -10-9 Swing Up Rock Guard		0.7	98.00
		STAND ASSEMBLY PARTS (Required: Yoke + Rod + Base)			
350-11232	+/-B7S-B	B7S Yoke		0.8	38.00
391-3026	-B06	150mm / 6.0" x 15.9mm / 0.625"- brass stand rod		0.3	12.00
391-3028	-B12	300mm / 12.0" x x 15.9mm / 0.625"- brass stand rod		0.5	16.00
391-3029	-B18	450mm / 18.0" x 15.9mm / 0.625"- brass stand rod		0.7	18.00
391-3030	-B24	600mm / 24.0" x 15.9mm / 0.625"- brass stand rod		0.7	27.00
391-3001	+/-B1	B1, Tripod Stand Base	33 to 40cm WATER DEPTH	1.4	41.00
391-3002	+/-B4	B4 Ring Stand Base	40 to 60cm WATER DEPTH	2.6	84.00
391-3003	+/-B4A	B4A Heavy Duty Tripod Stand Base	60 + cm WATER DEPTH	3.9	105.00
		OTHER FIXTURE MOUNTINGS			
350-1133	+/-B6-2	B6-2 Stand Brackets	20 to 30cm WATER DEPTH	0.9	52.00
334-3922	+/-B69-1	B69-1 Stainless Steel Niche	Requires extra cable length	7.0	610.00
350-1111	+/-10-8	Lensguard (In Addition To Lightfixture Only)		1.0	80.00
350-0014	+/-58-06	58-06 Tile Mask		2.3	330.00
350-0035	+/-B70A	Walk Over Stainless Steel Niche	Requires extra cable length	11.5	768.00
350-0026	+/-B30-0	B 30 Niche, Side Conduit, Brass fitted	Requires extra cable length	3.7	390.00
350-0290	+/-B30-1	B 30 Niche, Side Conduit, St.St. fitted	Requires extra cable length	3.7	443.00
350-0270	+/-B30-4	B 30 Niche, Bottom Conduit, Brass fitted	Requires extra cable length	3.7	390.00
350-0109	+/-B30-5	B 30 Niche, Bottom Conduit, St.St. fitted	Requires extra cable length	3.7	443.00
350-0200	+/-B76	B76 Walk OverSlab Hanger	Requires extra cable length	5.4	459.00
350-0220	+/-B76A	B76A Slab Hanger With Locks	Requires extra cable length	6.2	549.00
		L-E-D ADD ONS for PEM E1450 FIXTURES			
		Philips LED plates can be factory supplied installed into fixture when ordered with same			
		Philips LED plates can be installed by others into fixtures, but require # 113 Heat Transfer Medium			
		12 VDC LED Assemblies, require : Philips Control(s) & Power Supplies			
316-20104	LED - 100 (NSP)	12VDC/25W, Philips CKDMX512 Narrow Spot, RGB - Color Changing LED's		0.5	356.00
316-20106	LED - 200 (WFL)	12VDC/25W, PhilipsCKDMX512 Wide Angle, RGB - Color Changing LED's		0.5	420.00
		24 VDC LED Assemblies require : Philips Power Supplies & Control (s)			
316-20210	LED - 100 (NSP)	24VDC/25W, Philips CK- DLE C101 Narrow Spot, RGB - 18 Color Changing LED's		0.6	356.00
316-20220	LED - 200 (WFL)	24VDC/25W, Philips CK-DMX C512 Wide Angle, RGB - 18 Color Changing LED's		0.6	420.00
316-20215	LED - 100 (NSP)	24VDC/25W, Philips CK-DLE-C301 Narrow Spot, 18 White Light LED's		0.6	356.00
316-20225	LED - 200 (WFL)	24VDC/25W, Philips CK-DLE-C404Wide Angle, 18 White Light LED's		0.6	420.00
		PHILIPS POWER & DATA SUPPLIES			
	PDS60	100/240VAC x 24VDC-25W. FOR 2 X 24VDC-25W LED 'D' TYPE		3.5	550.00
	PDS150e	100/240 VAC x 24VDC-25W. FOR UP TO 6 X 24VDC-25W 'D' TYPE		6.2	590.00
	PDM-101	REMOTE DATA SUPPLY PLATE ONLY		0.5	890.00
	PDM-301	REMOTE DATA SUPPLY PLATE ONLY		0.7	970.00
	J5PDM101/3	J 5 Box for PDM 101 or 301, 1 1/2"NPT/BSP Inlet, 12 x 1/2", Outlets, each		6.9	630.00
	J14	J14, 1/2" Stainless Steel Cordseals for 18/4 AWG4 , 1.5mm / 4 Cable		0.6	19.40
	J004	1/2" NPT Stainless steel closing Plugs., each		0.2	12.00
	iPLAYER3	iPLAYER 3, MASTER CONTROL,PROGRAM STORAGE -2 X DMX OUTPUTS		14.5	2,120.00
		AVAILABLE UPON DEMAND			
316-30101	+/-101	Mounting Plate for Par 56 Size LED Plate Assembly	Not for Philips 'C' plates	2.3	88.00
316-30113	+/-113	Heat Transfer Medium for all NOT factory installed LED plates	4 Oz. Tube, 1 per plate	1.4	20.00



E1450-10



E1450+10-9 (Closed)



E1450+10-9 (open)



E1450-B7SB+B06+B4



E1450+B6-2



E1450+B30-1



E1450+B76



E1450+69-1+10-8



E1450+B70A

		WEB INDEX 7 - CATALOG SECTION 371			LIST
SERIAL	PEM	BRONZE ELECTRICAL JUNCTION BOXES	Internal	W.	PRICE
363 / 376	Cat.	CORDSEAL / CABLE GLANDS EXTRA	Cubic cm	Kg	\$
363-11101	J1-1	1 X 3/4" Conduit x 2 x 1/2" Outlets	180	1.5	150.39
363-11201	J1-2	1 x 3/4" Conduit x 1 x 3/4" Outlet	180	1.5	150.39
363-11305	J1X	Custom made to given specifications	180	1.5	POR
363-12101	J2-1-1	1 x 3/4" Conduit x 4 x 1/2" Outlets	279	2.1	225.58
363-12201	J2-1-2	1 x 3/4" Conduit x 2 x 3/4" Outlets	279	2.1	253.59
363-12301	J2-1-3	1 x 1" Conduit x 2 x 3/4" Outlets	279	2.7	253.59
363-12401	J2-1-4	1 x 1 1/2" Conduit x 2 x 3/4" Outlets	279	2.7	253.59
363-12505	J2-1-X	Custom made to given specifications	279	2.7	POR
363-13101	J2-2	2 x 3/4" Conduit x 4 x 1/2" Outlets	279	2.1	280.14
363-13205	J2-2X	Custom made to given specifications	279	2.1	POR
363-14101	J3-1	1 x 1" Conduit x 8 x 1/2" Outlets	590	3.5	287.51
363-14202	J3-2	1 x 1" Conduit x 4 x 3/4" Outlets	590	3.5	324.36
363-14205	J3-X	Custom made to given specifications	590	3.5	POR
363-15101	J4-1	1 x 1" Conduit x 8 x 1/2" Outlets	590	4.7	383.34
363-15201	J4-2	1 x 1 1/2" Conduit x 4 x 3/4" Outlets	590	4.7	412.83
363-15202	J4-3	2 x 1" Conduit x 8 x 1/2" Outlets	590	4.7	412.83
363-15203	J4-4	2 x 1" Conduit x 4 x 3/4" Outlets	590	4.7	412.83
363-15205	J4X	Custom made to given specifications	590	4.7	POR
363-161005	J5-05	1 X 1 1/4" Conduit x 12 x 1/2" Outlets	1852	5.2	530.78
363-16101	J5-1	1 x 1 1/2" Conduit x 16 X 1/2" Outlets	1852	6.9	648.73
363-16201	J5-2	1 x 2" Conduit x 16 X 1/2" Outlets	1852	6.9	648.73
363-16202	J5-2	1 x 1 1/2" Conduit x 8 X 3/4" Outlets	1852	6.9	707.70
363-16203	J5-3	1 x 2" Conduit x 8 X 3/4" Outlets	1852	6.9	707.70
363-16204	J5-4	1 x 3" Conduit x 8 X 3/4" Outlets	1852	6.9	707.70
363-16205	J5X	Custom made to given specifications	1852	6.9	POR
363-17101	J6-1	1 x 1 1/2" Conduit x 20 X 1/2" Outlets	2245	8.5	766.68
363-17102	J6-2	1 x 2" Conduit x 20 X 1/2" Outlets	2245	8.5	766.68
363-17201	J6-3	1 x 1 1/2" Conduit x 12 X 3/4" Outlets	2245	8.5	855.14
363-17202	J6-4	1 x 2" Conduit x 12 X 3/4" Outlets	2245	8.5	855.14
363-17203	J6-5	1 x 3" Conduit x 12 X 3/4" Outlets	2245	8.5	855.14
363-17301	J6-6	1 x 4" Conduit x 12 X 3/4" Outlets	2245	8.5	855.14
363-17302	J6-7	1 x 4" Conduit x 4 x 1 1/2" Outlets	2245	8.5	855.14
363-17305	J6X	Custom made to given specifications	2245	8.5	POR
363-30051	J11-1	1 x 1" Conduit x 4 - 8 x 1/2 Outlets	540	1.8	309.63
363-30052	J11-2	1 x 1 1/2" Conduit X 8(6) x 3/4" Outlets	540	1.8	309.63
363-30053	J11-3	No Bottom Conduit, up to 7 x 9/8" Outlets	540	1.8	309.63
363-30054	J11-4	No Bottom Conduit, up to 7 x 3/4" Outlets	540	1.8	309.63
363-30055	J11-5	No Bottom Conduit, 1x3/4"+ 6x1/2 Outlets	540	1.8	309.63
363-30056	J11X	Custom made to given specifications	540	1.8	POR
363-40001	J34X	Custom made to given specifications	700	5.6	383.34
363-50001	J35X	Custom made to given specifications	808	5.9	471.80
376-1010	J36	6 X 1" Niche Conduit, 2 x 1" Supply Conduits	1200	10.1	884.63
376-51101	A470	DRY - 2 x 1" & 6 x 3/4" Niche Conduits	420	3.5	412.83
376-3100	A460-1	Submersible - 4 x 1/2" Conduits, 1 X 3/4"	375	3.5	265.39
376-3120	A460-2	Submersible - 4 x 3/4" Conduits, 1 X 1"	468	4.4	353.85
376-52201	A480	Submersible - 2 x 1' & 4 x 3/4" Niche Conduits	650	4.5	560.27
376-53401	A482	Submersible - 2 x 1" & 1 x 3/4" Niche Conduits	250	2.2	368.60
376-2001	A483-3-16UL	3 x 1" Conduits - For 1 x 3-16 AWG Niche Cable	395	5.6	383.34
376-2012	A483-3-12UL	3 x 1" Conduits - For 1 x 3-12 AWG Niche Cable	395	5.6	398.09
376-2023	A483-3-10UL	3 x 1" Conduits - For 1 x 3-10 AWG Niche Cable	395	5.7	406.94
		POR = Custom made to order			

SERIAL	PEM	WEB INDEX 7 - CATALOG SECTION 371	W.	List
377 - 381	Cat.	CABLE ENTRIES - Cordseal(s) not included	Kg	Prices
		NPT / BSP Pipe Threads for Conduit x Cordseal(s)		\$
377-00101	J41-10A	1 x 1/2" BSP/NPT - For 1 x 1/2"	0.7	125.46
377-00201	J41-11B	1 x 1/2" BSP/NPT - For 1 x 1/2" w. Liner Clamp	1.1	221.96
377-00401	J41-12A	1 x 3/4" BSP/NPT - For 1 x 3/4"	0.8	157.63
377-00501	J41-13B	1 x 3/4" BSP/NPT - For 1 x 3/4" w. Liner Clamp	1.3	254.13
377-00701	J41-14A	1 x 1" BSP/NPT - For 1 x 1"	0.9	189.79
377-00801	J41-15B	1 x 1" BSP/NPT - For 1 x 1" w. Liner Clamp	1.4	286.30
377-01201	J41-20A	1 x 1 1/2" BSP/NPT - For 1 x 1 1/2"	1.6	254.13
377-01401	J41-21B	1 x 1 1/2" BSP/NPT - For 1 x 1 1/2" w. Liner Clamp	2.4	350.64
377-01601	J41-23A	1 x 2" BSP/NPT - For 1 x 2"	2.3	382.80
377-01701	J41-24B	1 x 2" BSP/NPT - For 1 x 2" w. Liner Clamp	3.1	511.48
377-1210	J53-1	1 x 1 1/2" BSP/NPT - For 2 x 1/2"	1.4	171.78
377-1220	J53-3	1 x 1 1/2" BSP/NPT - For 2 x 1/2" w. Liner. Clamp	2.5	514.69
377-1310	J54-1	1 x 1 1/2" BSP/NPT - For 5 x 1/2"	2.1	530.78
377-1320	J54-3	1 x 1 1/2" BSP/NPT - For 5 x 1/2" w. Liner Clamp	4.2	627.28
377-1330	J54-4	1 x 1 1/2" BSP/NPT - For 3 x 3/4"	2.1	530.78
377-1340	J54-5	1 x 1 1/2" BSP/NPT - For 3 x 3/4" w. Liner Clamp	4.2	627.28
377-1410	J56-1	1 x 3" BSP/NPT - For 9 x 1/2"	3.4	772.04
377-1420	J56-3	1 x 3" BSP/NPT - For 9 x 1/2" w. Liner Clamp	5.8	916.80
377-1430	J56-4	1 x 3" BSP/NPT - For 5 x 3/4"	3.4	772.04
377-1440	J56-5	1 x 3" BSP/NPT - For 5 x 3/4" w. Liner Clamp	5.8	916.80
377-2210	J58-1	1 x 3" BSP/NPT - For 16 x 1/2"	8.3	804.21
377-2230	J58-2	1 x 3" BSP/NPT - For 8 x 3/4"	8.3	804.21
377-2610	J59-1	1 x 4" BSP/NPT - For 20 x 1/2"	10.0	997.22
377-2630	J59-2	1 x 4" BSP/NPT - For 12 x 3/4"	10.0	997.22
		TILEMASKS FOR CABLE ENTRIES		
377-0019	J41 Sizes	Natural bronze or brass, Epoxy fitted	0.2	48.25
377-0049	J53 Sizes	25 mm 1" wide x 3mm / 0.125" high	0.2	96.51

SERIAL	PEM	WEB INDEX 7 - CATALOG SECTION 371	W.	List
377 - 381	Cat.	CABLE ENTRIES - Cordseal(s) not included	Kg	Prices
		NPT / BSP Pipe Threads for Conduit x Cordseal(s)		\$
		CONDUIT STUB UPS FOR JUNCTION BOXES		
381-1010	J60/-1	1/2" Stub Up	1.2	67.82
381-1020	J60/-1/-3	1/2" Stub Up with Underdeck Clamp	1.4	97.31
381-1030	J60/-1/-2	1/2" Stub Up with Membrane Clamp	1.6	97.31
381-1040	J60/-1/-2/-3	1/2" Stub Up with Membrane Clamp and Underdeck Clamp	2.4	173.98
381-1110	J61/-1	3/4" Stub Up	1.3	126.80
381-1120	J61/-1/-3	3/4" Stub Up with Underdeck Clamp	1.7	182.82
381-1130	J61/-1/-2	3/4" Stub Up with Membrane Clamp	1.9	182.82
381-1140	J61/-1/-2/-3	3/4" Stub Up with Membrane Clamp and Underdeck Clamp	2.8	246.22
381-1210	J62/-1	1" Stub Up	1.6	138.59
381-1220	J62/-1/-3	1" Stub Up with Underdeck Clamp	1.9	197.57
381-1230	J62/-1/-2	1" Stub Up with Membrane Clamp	2.2	197.57
381-1240	J62/-1/-2/-3	1" Stub Up with Membrane Clamp and Underdeck Clamp	3.2	260.97
381-1310	J63/-1	1 1/4" Stub Up	1.9	165.13
381-1320	J63/-1/-3	1 1/4" Stub Up with Underdeck Clamp	2.3	221.16
381-1330	J63/-1/-2	1 1/4" Stub Up with Membrane Clamp	2.6	221.16
381-1340	J63/-1/-2/-3	1 1/4" Stub Up with Membrane Clamp and Underdeck Clamp	4.1	286.03
381-1410	J64/-1	1 1/2" Stub Up	2.3	275.71
381-1420	J64/-1/-3	1 1/2" Stub Up with Underdeck Clamp	3.1	365.65
381-1430	J64/-1/-2	1 1/2" Stub Up with Membrane Clamp	3.5	365.65
381-1440	J64/-1/-2/-3	1 1/2" Stub Up with Membrane Clamp and Underdeck Clamp	5.3	560.27
381-1510	J65 /-1	2" Stub Up	3.2	339.11
381-1520	J65/-1/-3	2" Stub Up with Underdeck Clamp	4.1	457.06
381-1530	J65/-1/-2	2" Stub Up with Membrane Clamp	5.7	457.06
381-1540	J65/-1/-2/-3	2" Stub Up with Membrane Clamp and Underdeck Clamp	8.1	645.78

SERIAL	PEM	Web Index 7	PEM	Weight	Suggested
378-381	Cat.	Cat. Page	Description	Kg	List Prices
			NPT CORD SEALS / CABLE GLANDS - BRASS		\$
378-0150	J13-5-0	352	3/4" Conduit seal for 10mm cable	0.2	47.18
378-0170	J13-7-0	352	1" Conduit Seal for 17mm cable	0.3	88.46
378-0210	J13-8-0	352	9/8" Conduit Seal for 10mm cable + Ground	0.2	73.73
378-1100	J14	352	1/2" x 9 - 11mm cable	0.1	16.21
378-2210	J15-21	352	1/2" x 10-15mm cable (specify O.D. of cable)	0.4	53.08
378-2320	J15-32	352	3/4" x 12.7 - 15.9mm cable	0.3	64.87
378-2420	J15-42	352	3/4" x 15.9 - 19mm cable	0.3	64.87
378-2520	J15-52	352	1" x 19 - 22mm cable	0.9	173.97
378-2620	J15-62	352	1 1/2" x 23 - 25.3mm cable	1.2	324.36
378-2640	J15-64	352	1 1/2" x 25 - 30mm cable	1.5	383.34
378-2720	J15-72	352	2" x 28.6 - 35mm cable	1.9	707.70
			Also Custom made to given specifications		
			NPT CORD SEALS / CABLE GLANDS -		
			304 STAINLESS STEEL (Fresh Water) Required in USA		
378-0150	J13-5-1	352	3/4" Conduit seal for 10mm cable	0.2	94.36
378-0170	J13-7-1	352	1" Conduit Seal for 17mm cable	0.3	176.93
378-0210	J13-8-1	352	9/8" Conduit Seal for 10mm cable	0.2	147.44
378-1100	J14	352	1/2" x 9 - 11mm cable	0.1	26.54
378-2210	J15-21	352	1/2" x 10-15mm cable (specify O.D. of cable)	0.4	88.46
378-2320	J15-32	352	3/4" x 12.7 - 15.9mm cable	0.3	88.46
378-2420	J15-42	352	3/4" x 15.9 - 19mm cable	0.3	88.46
378-2520	J15-52	352	1" x 19 - 22mm cable	0.9	235.90
378-2620	J15-62	352	1 1/2" x 23 - 25.3mm cable	1.2	471.80
378-2640	J15-64	352	1 1/2" x 25 - 30mm cable	1.5	471.80
378-2720	J15-72	352	2" x 28.6 - 35mm cable	1.9	855.14
			Also Custom made to given specifications		
			NPT CORD SEALS / CABLE GLANDS -		
			316 STAINLESS STEEL (Salt Water)		
378-0150	J13-5	352	3/4" Conduit seal for 10mm cable	0.2	123.84
378-0170	J13-7	352	1" Conduit Seal for 17mm cable	0.3	235.90
378-0210	J13-8	352	9/8" Conduit Seal for 10mm cable	0.2	206.41
378-1100	J14	352	1/2" x 9 - 11mm cable	0.1	58.98
378-2210	J15-21	352	1/2" x 10-15mm cable (specify O.D. of cable)	0.4	117.95
378-2320	J15-32	352	3/4" x 12.7 - 15.9mm cable	0.3	117.95
378-2420	J15-42	352	3/4" x 15.9 - 19mm cable	0.3	117.95
378-2520	J15-52	352	1" x 19 - 22mm cable	0.9	294.88
378-2620	J15-62	352	1 1/2" x 23 - 25.3mm cable	1.2	589.75
378-2640	J15-64	352	1 1/2" x 25 - 30mm cable	1.5	589.75
378-2720	J15-72	352	2" x 28.6 - 35mm cable	1.9	1,032.07
			Also Custom made to given specifications		

SERIAL	PEM	Web Index	AUTOMATIC WATER MAKE UP & SAFETY SHUT OFF CONTROLS	W.	Suggested
441 / 463	Cat.	Cat.Page	FOR FOUNTAIN PONDS	Kg	List
			L101 CONTROLS		\$
441-1100	L101-51	402	Single Level Control Panel, 120V - 60C	3.9	891.69
441-1200	L101-51	402	Single Level Control Panel, 240V - 50Hz	3.9	891.69
443-3100	L101-71	402	Dual Level Control Panel, 120V - 60C	3.9	955.38
443-3200	L101-71	402	Dual Level Control Panel, 240V - 50Hz	3.9	955.38
			L101 SENSORS		
444-1010	L101-01	403	Conduit Mounted Single Sensor, 3/4 NPT/BSP	2.1	509.54
444-2010	L101-05	403	Conduit Mounted Adjustable Single Sensor, 3/4 NPT/BSP	2.9	573.23
444-3010	L101-12	403	Wall Mounted Single Sensor, Top Access	6.5	923.54
444-4010	L101-16	404	Free Standing Single Sensor	3.6	636.92
444-4110	L101-17	404	Free Standing Single Sensor (Custom made)	4.8	1,019.08
444-5020	L101-29	404	Top Access Wall Mounted Dual Sensor	8.9	1,082.77
444-6010	L101-31	404	Front Access Wall Mounted Single Sensor	3.4	796.15
444-6011	+/-58	404	Tile Mask	1.7	254.77
444-6012	+/-60	404	Surface Puddle Flange	1.8	414.00
444-6013	+/-62	404	Surface Waterproofing Membrane Clamp	2.5	541.38
444-6020	L101-32	404	Front Access Wall Mounted Dual Sensor	3.5	923.54
444-6021	+/-58	404	Tile Mask	1.7	254.77
444-6022	+/-60	404	Surface Puddle Flange	1.8	414.00
444-6023	+/-62	404	Surface Waterproofing Membrane Clamp	2.5	541.38
			L104 CONTROLS		
461-0010	L104-1A	405	Single Voltage Control Module, 115V, 50/60Hz, 1 Amp	0.4	732.46
461-0020	L104-1B	405	Single Voltage Control Module, 250V, 50/60Hz, 1 Amp	0.4	732.46
462-0010	L104-100A	405	Control Panel with Transformer, 115V, 60Hz, 3 Amp	3.9	1,146.46
462-0020	L104-100B	405	Control Panel with Transformer, 240V, 50Hz, 2 Amp	3.9	1,146.46
			L104 SENSORS		
463-0400	L104-42	406	Conduit Mounted Sensor, 3/4 NPT / BSP	2.2	573.23
463-0700	L104-46	407	Wall Mounted Sensor	5.9	923.54
463-0701	+/-58	407	Tile Mask	1.6	254.77
463-0702	+/-60	407	Surface Puddle Flange	1.7	414.00
463-0703	+/-62	407	Surface Waterproofing Membrane Clamp	2.4	541.38
463-0800	L104-48	407	Combination Overflow, Level Sensor & Fill Inlet	9.4	1,066.84
463-0801	+/-58	407	Tile Mask	1.9	477.69
463-0802	+/-60	407	Surface Puddle Flange	2.6	605.08
463-0803	+/-62	407	Surface Waterproofing Membrane Clamp	2.1	668.77
463-0820	L104-48-6	407	Combi. Overflow, Level Sensor & Fill Inlet, Plastic Niche	12	1,614.60
463-0821	L104-48-6	407	Combi. Overflow, Level Sensor & Fill Inlet, St. Steel Niche	14.5	2,085.92
463-0824	+/-62	407	As 463-0820 but with Surface Liner Clamp	14	1,894.84
463-0825	+/-62	407	As 463-0821 but with Surface Liner Clamp	16.5	2,356.61
463-0900	L104-49	409	Top Access Sensor, Standard Length	8.9	1,203.78
463-0520	L104-56	406	Free Standing Sensor, W. D. 300mm-400mm (12"-16")	3.8	764.31
463-0510	L104-56A	406	Free Standing Sensor, W. D. 150mm-175mm (6"-7")	3.4	796.15
463-0600	L104-57	406	Free Standing Sensor, W. D. 400mm-550mm (16"-22")	6.5	1,019.08
			L104-48 COMBINATIONS		
			Including: 76mm Overflow, 3/4" Fill Spout, Dual Waterlevel Sensor, 24 VAC, 3/4" Solenoid Valve L 104A or B Control Panel (Specify)		
461-0121	L104-48-1	407	For Concrete Pools w. Cast Bronze Niche	16.6	2,706.92
461-0131	L104-48-2	407	For Surface Liner Pools w. Cast Bronze Niche	18.7	3,407.53
			L104-48-6 COMBINATIONS		
			Including: 110mm Overflow, 1" Fill Spout, Dual Waterlevel Sensor, 24 VAC, 1" Solenoid Valve L 104A or B Control Panel (Specify)		
461-0162	L104-48-6-1	408	For Concrete Pools w. St. Steel Niche	19.7	3,710.07
461-0182	L104-48-6-2	408	For Surface Liner Pools w. St. Steel Niche	21.7	3,980.76

SERIAL	PEM	WEB INDEX 8 - CATALOG SECTION 400	W.	Suggested
462/466/480	Cat.		Kg	LIST
		SOLENOID WATER MAKE UP VALVES		\$
462-0120	EV-102	3/4" NPT/BSP, 24VAC, Brass Solenoid Valve	1.2	449.25
462-0130	EV-103	1" NPT/BSP, 24VAC, Brass Solenoid Valve	1.3	481.34
462-0140	EV-104	1 1/4" NPT/BSP, 24VAC, Brass Solenoid Valve	2.3	609.69
462-0150	EV-105	1 1/2" NPT/BSP, 24VAC, Brass Solenoid Valve	2.8	705.96
462-0160	EV-106	2" NPT/BSP, 24VAC, Brass Solenoid Valve	4.5	802.23
		DUAL STAGE WIND CONTROL		
477-0350	Q119	Control Panel With Sensor, 120/240V, 50/60Hz	2.9	4,556.67
		R1240/60 SERIES FILL SPOUT ASSEMBLIES		
466-011	R1241	1" Pipe x 0.5m	3.1	369.09
466-012	R1242	1" Pipe x 0.5m / A, With Flange	3.9	399.64
466-013	R1243	1" Pipe x 0.5m / A & B, With Flange & Liner Clamp	4.6	681.74
466-014	R1244	1" Pipe x 1.0m	3.7	340.88
466-015	R1245	1" Pipe x 1.0m / A, With Flange	4.5	446.65
466-016	R1246	1" Pipe x 1.0m / A & B, With Flange & Liner Clamp	5.2	728.78
466-021	R1261	1 1/2" Pipe x 0.5m	5.3	423.16
466-022	R1262	1 1/2" Pipe x 0.5m / A, With Flange	6.5	540.70
466-023	R1263	1 1/2" Pipe x 0.5m / A & B, With Flange & Liner Clamp	8.7	693.51
466-024	R1264	1 1/2" Pipe x 1.0m	7.7	493.69
466-025	R1265	1 1/2" Pipe x 1.0m / A, With Flange	9.9	611.24
466-026	R1266	1 1/2" Pipe x 1.0m / A & B, With Flange & Liner Clamp	11.1	764.04
		WATER LEVEL CONTROLS, HYDRAULIC		
480-111	R1291-1	1/2" Auto Filler	2.7	564.19
480-112	R1291-2	1/2" Auto Filler With Liner Clamp	5.0	962.68
480-115	R1292-1	1/2" Auto Filler, 1 1/2" Overflow	4.1	634.72
480-116	R1292-2	1/2" Auto Filler, 1 1/2" Overflow With Liner Clamp	6.4	1,042.90
480-3030	R1293-1	Remote Pool Filler And Overflow	7.8	1,395.88
480-4010	R1294	Enclosed 1" Automatic Pool Filler	3.9	1,123.12
480-4011	+/-58	Tile Mask For R1294	1.9	256.71
480-4012	+/-60	Surface Puddle Flange For R1294	1.9	417.16
480-4013	+/-62	Surface Waterproofing Membrane Clamp For R1294	2.1	545.52
480-221	R1295-1	1/2" Auto Filler & 76mm Overflow	7.3	940.34
480-222	R1295-2	1/2" Auto Filler, 76mm Overflow, Surface Liner Clamp	9.6	1,528.06
480-331	R1296-1	1" Auto Filler , 110mm Overflow, Plastic Niche	12.0	1,626.92
480-332	R1296-2	1" Auto Filler, 110mm Overflow, St. St. Niche	14.5	2,101.84
480-333	R1296-3	1" Auto Filler, 110mm Overflow, Plastic Niche, Liner Clamp	14.0	1,909.31
480-334	R1296-4	1" Auto Filler, 110mm Overflow, St. St. Niche, Liner Clamp	16.5	2,374.60
		R1300 SERIES HYDRAULIC WATER MAKE UP SENSOR		
480-5510	R1311	Waterlevel Sensor	7.0	738.05
		R1300 SERIES HYDRAULIC FILL VALVES		
480-6030	R1321	3/4" Fill Valve	1.2	352.98
480-6040	R1322	1" Fill Valve	1.3	417.16
480-6050	R1323	1 1/4" Fill Valve	2.1	545.52
480-6060	R1324	1 1/2" Fill Valve	2.6	609.69
480-6070	R1325	2" Fill Valve	3.7	770.14
		R1300 SERIES CHROMED GOOSE NECK FILL SPOUTS		
480-7030	R1343	3/4" Fill Spout	1.2	192.54
480-7040	R1344	1" Fill Spout	1.9	192.54
480-7050	R1345	1 1/4" Fill Spout	2.3	352.98
480-7060	R1346	1 1/2" Fill Spout	3.2	481.34
480-7070	R1347	2" Fill Spout	5.7	705.96
		R1300 COMBINATION OF SENSOR, FILL VALVE & SPOUT		
480-8010	R1351	3/4"	5.0	1,283.57
480-8020	R1352	1"	5.8	1,347.75
480-8030	R1353	1 1/4"	7.1	1,636.55
480-8040	R1354	1 1/2"	8.9	1,829.08
480-8050	R1355	2"	12	2,214.15

SERIAL	PEM	WEB INDEX 8 - CATALOG SECTION 400	W.	Suggested
		CONTROL - PARTS	Kg	LIST
				\$
491-0110	L101-51/-05	Transformer,120V	1.1	262.42
491-0120	L101-51/-06	Transformer, 240V	1.1	287.71
491-0130	L101-51/-08	Green Indicator Lamp,12V	-	37.50
491-0150	L101-51/-09	Relay, 12V	0.1	93.73
491-0160	L101-51/-10	Circuit Breaker,12V	0.1	112.46
491-0210	L101-71/-05	Transformer,120V	1.1	287.71
491-0202	L101-71/-06	Transformer, 240V	1.1	287.71
491-0230-	L101-71/-07	Red Indicator Lamp,12V	-	37.50
491-0240	L101-71/-08	Green Indicator Lamp,12V	-	37.50
491-0250	L101-71/-09	Relay (2) ,12V	0.1	93.73
401-0260	L101-71/-10	Circuit Breaker,12V	0.1	112.46
401-0410	L101-20	Float Switch Assembly	0.2	224.92
401-0510	L101-28/-1	Set of Box Cover bolts, for L101-01,-05,-16.-31 or -32	0.1	15.98
401-0520	L101-28/-2	Set of Cover Bolts for L101-12 or -29	0.1	15.98
401-0530	L101-28/-3	Set of Plate Bolts for L101-31 or -32	0.1	15.98
401-0610	L101-61	Brass hanger for -12, -29 Floatswitch, custom made to given specs.	-	POR
402-0000	L104-1	Requires new Unit	0.4	735.26
402-0100	L104-100/-01	Replacement Plug In Processor	0.4	735.26
402-0110	L104-100/-05	Transformer,120V	1.1	262.33
402-0120	L104-100/-06	Transformer, 240V	1.1	262.33
402-0140	L104-100/-11	Fuse , 24V/2.5A.	-	18.73
402-0300	L104/-30	Single Float Switch Assembly *	0.1	127.56
402-0320	L104/-32	Safety Cut Off Brass Riser for Floatswitch (Not for -49)	0.1	44.98
402-0330	L104/-33	Water Make Up Brass Riser for Floatswitch (Not for -49)	0.1	37.50
402-0340	L104/-34	Operating Level Brass Riser for Floatswitch (Not for -49)	0.2	29.99
402-0360	L104/-36	Locking collar for Brass Riser for Floatswitch	0.1	19.05
402-0410	L104/-41	Complete cover for L104-42, -56 or -57	0.5	159.55
402-0510	L104-46/-1	Stainless Steel Cover with bolts	0.9	234.07
402-0520	L104-46/-2	Set of bolts for cover	0.1	14.99
402-0540	L104-48/-1	Cover with bolts	3.7	374.88
402-0546	L104-48/-6-1	Cover with bolts	6.0	437.96
402-0547	L104-48/-6-1-2	Set of bolts for cover	0.1	19.18
402-0548	L104-48/-1-5	Set of 3 Float switches	0.5	479.51
402-0549	L104-48/-6-5	Set of 3 Float switches	0.5	479.51
402-0550	L104-49/-2	Set of bolts for cover	0.1	11.25
402-0620	L104-49/-1	Brass hanger for -49 Floatswitch, custom made to given specs.	-	POR
403-0510	Q118 Panel	Requires complete new Q 119unit	2.9	4,475.47
403-0610	Q119/-07	Anemometer Assembly with brass base, less junction box	0.5	767.22
403-0620	Q119/07A	Anemometer Assembly without base (broken off Cup(s))	0.5	767.22
404-0110	R1290/-03	Internal Valve Assembly	0.5	191.81
404-0210	R1291/92-03	Internal Valve Assembly	0.5	223.77
404-0250	R1291/92/-05	Stainless Steel Cover with bolts	0.9	115.08
404-0260	R1291/92/-06	Set of bolts for cover	0.1	15.98
404-0320	R1293/-03	Internal Valve Assembly	0.5	223.77
404-0350	R1293/-05	Cover with bolts	0.2	234.07
404-0360	R1293/-06	Set of bolts for cover	1.2	300.50
404-0520	R1294/-01	Floatvalve assembly	0.1	245.91
404-0530	R1294/-02	Float for floatvalve	0.2	255.74
404-0550	R1294/-04	Main Valve Cover (If frozen Up)	0.3	226.97
404-0560	R1294/-05	Main Valve Diaphragm	0.1	115.08
404-0580	R1294/-07	Cover with bolts	0.7	246.15
404-0590	R1294/-08	Set of bolts for cover	0.2	115.08
404-0620	R1296/-01	Floatvalve assembly	0.6	234.07
404-0680	R1296/-07	Cover with bolts	0.1	234.07
404-0690	R1296/-08	Set of bolts for cover	0.1	19.18
404-0710	R1311/-05	Internal Floatvalve assembly	0.9	415.58
404-0730	R1311/-07	Tubing to Fill Valve (1.5m\5 feet)	6.0	437.96
404-0740	R1321/-10	(R1251/R1252) Fill Valve Diaphragm	0.1	226.97
404-0750	R1323/-10	(R1253) Fill Valve Diaphragm	0.1	226.97
404-0760	R1324/-10	(R1254) Fill Valve Diaphragm	0.3	226.97
404-0770	R1325/-10	(R1255) Fill Valve Diaphragm	0.2	226.97
404-0790	R1211/-07	Repair kit for R1211 Sensor Valve	0.2	115.08
404-0750	R1323/-10	Fill Valve Diaphragm	0.2	226.97
404-0760	R1324/-10	Fill Valve Diaphragm	0.3	226.97
404-0770	R1325/-10	Fill Valve Diaphragm	0.4	226.97

SERIAL	PEM	Web Index	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
	Cat.	Cat.Page		Kg	List
			NOZZLES & JETS		\$
			Description		
503-9020	0114	502	Rain Curtain Nozzle, 3/8"	0.2	37.03
504-1100	02-1	502	Fan Jet, 3/4"	0.5	95.30
544-1110	02-1/538	502	As above but with Swivel Joint	1.1	223.26
504-1200	02-2	502	Fan Jet, 1"	0.7	100.74
504-1210	02-2/541	502	As above but with Swivel Joint, 1"	1.2	255.94
504-1610	02-6-1	502	Narrow Fan Jet, 1 1/2"	1.6	326.73
504-1611	02-6-1,45	502	As above but with 45° Elbow	2.1	416.58
504-1612	02-554	502	As above but with Swivel Joint	3.2	381.18
504-1620	02-6-2	502	Narrow Fan Jet, 2"	1.6	381.18
504-1621	02-6-2,45	502	As above but with 45° Elbow	2.6	449.25
504-1622	02-556	502	As above with Swivel Joint	5.4	462.86
504-2300	03-4	503	Clear Stream Jet with equalizer, 1/2"	0.3	39.75
504-3110	07-1-1	503	90° Sheet of Water Jet, 1 1/2"	3.2	643.68
504-3120	07-1-2	503	90° Sheet of Water Jet, 2"	3.1	643.68
504-3200	07-3	503	170° Sheet of Water Jet, 2"	3.9	898.82
504-4010	08-1	504	Directional Adjustment Flange, 1/2"	0.9	68.07
504-4020	08-2	504	Directional Adjustment Flange, 3/4"	0.9	81.68
504-4030	08-3	504	Directional Adjustment Flange, 1"	1.1	84.40
504-4040	08-4	504	Directional Adjustment Flange, 1 1/4"	1.2	103.46
504-4050	08-5	504	Directional Adjustment Flange, 1 1/2"	1.5	119.91
504-4060	08-6	504	Directional Adjustment Flange, 2"	2.9	141.58
504-4070	08-7	504	Directional Adjustment Flange, 2 1/2"	3.8	245.04
504-4080	08-8	504	Directional Adjustment Flange, 3"	4.1	332.17
504-4090	08-9	504	Directional Adjustment Flange, 4"	16.6	1,061.86
504-4100	08-10	504	Directional Adjustment Flange, 6"	22.9	2,042.04
504-4200	08-12	504	Directional Adjustment Flange, 8"	28.9	3,337.60
504-4210	09-1	504	Elevation Adjustment, 1/2"	1.1	259.67
504-4220	09-2	504	Elevation Adjustment, 3/4"	1.5	294.63
504-4230	09-3	504	Elevation Adjustment, 1"	2.1	344.56
504-4240	09-4	504	Elevation Adjustment, 1 1/4"	2.9	394.49
504-4250	09-5	504	Elevation Adjustment, 1 1/2"	3.6	489.35
504-4260	09-6	504	Elevation Adjustment, 2"	4.3	680.68
504-4270	09-7	504	Elevation Adjustment, 2 1/2"	5.8	762.36
504-4280	09-8	504	Elevation Adjustment, 3"	6.4	952.95
504-5010	14-3	504	50mm Water Level Independent Aerating Jet, 1"	1.5	299.50
504-5030	14-6	504	50mm Water Level Independent Aerating Jet, 1 1/2"	2.1	326.73
504-5050	14-7	504	76mm Water Level Independent Aerating Jet, 2"	5.6	590.83
504-5220	14-12	505	50mm Water Level Independent Aerating Jet, 1"	2.9	476.48
504-5240	14-14	505	50mm Water Level Independent Aerating Jet, 1 1/2"	3.9	490.09
504-5260	14-16	505	76mm Water Level Independent Aerating Jet, 2"	6.8	925.72
504-6010	15-3	505	35mm Water Level Independent Cascade Jet, 1"	0.7	215.45
504-6020	15-6	505	50mm Water Level Independent Cascade Jet, 1 1/2"	2.7	599.00
504-7010	16-3	505	51mm Water Level Independent Cascade Jet, 1"	1.9	387.14
504-7030	16-7	505	75mm Water Level Independent Cascade Jet, 2"	5.3	759.99

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
504 - 505	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
504-8110	18-1A	Bell Jet, 1/2" x 60 x 152mm	0.9	133.71
504-8120	18-1B	Bell Jet, 1/2" x 60 x \ 229mm	1.1	147.08
504-8130	18-1C	Bell Jet, 1/2" x 60mm x 305mm	1.4	160.45
504-8140	18-1S	Tripod Stand for Bell Jet, 1/2"	1.1	105.92
504-8150	18-1D	Bell Jet, 3/4" x 60 x 290mm	1.3	189.86
504-8160	18-1E	Bell Jet, 3/4" x 60 x 390mm	1.6	211.25
504-8142	18-1SX	Tripod Stand for Bell Jet, 3/4"	2.3	141.73
504-8210	18-3A	Bell Jet, 1" x 84mm x 305mm	1.9	232.65
504-8220	18-3B	Bell Jet, 1" x 84mm x 457mm	2.4	246.02
504-8230	18-3C	Bell Jet, 1" x 84mm x 610mm	2.9	259.39
504-8240	18-3S	Tripod Stand for Bell Jet, 1"	2.3	145.31
504-8335	18-4-335	Bell Jet, 2" x 84mm x 350mm	3.2	213.93
504-8350	18-4-500	Bell Jet, 2" x 84mm x 500mm	3.5	267.41
504-8365	18-4-645	Bell Jet, 2" x 84mm x 645mm	3.6	320.89
504-8410	18-5	Bell Jet, 1 1/2" x 100mm x 1006mm	22	788.86
504-9110	22	Polished Bronze Bell Jet, 3/4" x 51mm x 115mm	1.1	120.33
504-9120	24	Polished Bronze Bell Jet, 1" x 61mm x 115mm	1.5	187.19
505-0110	29-A	Spray Apron Sprayhead,2", 12 x 6.35mm orifices	5.1	681.90
505-0120	29-B	Spray Apron Sprayhead,2", 24 x 4.8mm orifices	5.1	681.90
505-0130	29-C	Spray Apron Sprayhead,2", 48 x 3.18mm orifices(3 Rows)	5.1	681.90
505-0140	29-D	Spray Apron Sprayhead,2", 48 x 3.18mm orifices (2 Rows)	5.1	681.90
505-0240	29-4	Solid Winter Cover	1.8	267.41
505-0250	29-5	2 Prong Wrench	1.0	133.71
505-1010	31-13A	Finger Jets, 1" x 13 jets double row	1.2	294.15
505-1020	31-13A + 541	Finger Jets, 1" x 13 jets double row, Swivel Joint	1.8	415.15
505-1030	31-13B	Finger Jets, 1" x 13 jets single row	1.2	269.55
505-1040	31-13B + 541	Finger Jets, 1" x 13 jets single row, Swivel Joint	1.8	415.15
505-1110	31-25	Finger Jets, 1" x 25 jets double row	1.3	293.78
505-1120	31-25 + 541	Finger Jets, 1" x 25 jets double row, Swivel Joint	1.9	439.38
505-1140	31-13-45	Finger Jets, 1" x 13 jets single row, 45o Elbow	1.5	427.86
505-1142	31-25-45	Finger Jets, 1" x 25 jets double row, 45o Elbow	2.1	427.86
505-1210	31-90-11	90o Finger Jets, 1" x 11 jets single row	1.7	320.89
505-1220	31-90-21	90o Finger Jets, 1" x 21 jets double row	1.9	374.37
505-2110	32	Spray Apron Sprayhead, 3/4", 12 x 2.4mm orifices	0.5	187.19
505-2120	32/538	As above but with Swivel Joint, 3/4"	1.2	280.78
505-2130	32-1	2 Prong Wrench	0.1	58.86
505-2140	32-2	Solid Winter Cover	0.1	98.09
505-2200	32-H	Angular Fan in Wall Sprayhead, 3/4"	0.5	416.46
505-3010	33	Ring Cluster Sprayhead, 3/4" x 12 x 2.4mm orifices	0.6	165.79
505-3020	34	Column Sprayhead, 1 1/4" x 24 x 4.8mm orifices	1.6	216.60
505-3022	34-1a	Column Sprayhead, 1 1/4" x 30 X 6mm orifices	1.7	320.89
505-3700	37	1 1/2", 4 Nozzle Sprayhead for Water Switch W115/6	1.4	0.00
505-4020	42	Curtain Fountain Nozzle,Lace Holder	0.1	19.25
505-4050	45	Curtain Fountain Lace, Mylar 66m Roll	0.3	98.94
505-4052	45	Curtain Fountain Lace, Mylar 150m Roll	0.6	179.16
505-4060	46	Curtain Fountain Bronze Lace Weight	0.7	29.42
505-5110	51	Cascade Jet, 1/2" x 38mm	0.4	69.53
505-5120	52	Cascade Jet, 3/4" x 51mm	0.8	85.57
505-5130	52A	Cascade Jet, 1 1/4" x 70mm	1.8	141.73
505-5140	53	Cascade Jet, 1 1/2" x 76mm	2.4	187.19
505-5150	53A	Cascade Jet, 1 1/2" x 76mm	2.5	200.56
505-5170	54	Cascade Jet, 2" x 102mm	5.5	288.80
505-5180	54A	Cascade Jet, 2 1/2" x 120mm	6.9	454.60
505-5190	55	Cascade Jet, 3" x 160mm	9.2	574.93

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
505 - 506	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
505-5210	51/08	Cascade Jet, 1/2" x 38mm, with 08 Flange	1.4	141.73
505-5220	52/08	Cascade Jet, 3/4" x 51mm with 08 Flange	1.7	171.14
505-5230	52A/08	Cascade Jet, 1 1/4" x 70mm with 08 Flange	3.1	227.30
505-5240	53/08	Cascade Jet, 1 1/2" x 76mm with 08 Flange	5.8	312.87
505-5250	53A/08	Cascade Jet, 1 1/2" x 76mm with 08 Flange	5.9	318.32
505-5270	54/08	Cascade Jet, 2" x 102mm with 08 Flange	9.9	441.23
505-5280	54A/08	Cascade Jet, 2 1/2" x 120mm with 08 Flange	11.1	668.53
505-5290	55/08	Cascade Jet, 3" x 160mm with 08 Flange	16.5	974.04
505-6110	60	Foam Geyser Jet , 1/2"	0.3	117.66
505-6120	61	Foam Geyser Jet , 3/4"	0.5	139.05
505-6130	62	Foam Geyser Jet , 1"	1.1	181.84
595-6140	63	Foam Geyser Jet , 1 1/4"	1.6	187.19
505-6150	64	Foam Geyser Jet , 1 1/2"	1.9	208.58
505-6160	65	Foam Geyser Jet , 2"	3.7	272.76
505-6210	66	Foam Geyser Jet , 3"	11.2	668.53
505-6220	66A	Adjustable Foam Geyser Jet , 3"	13.2	1,002.79
505-7110	81	160° Fan Jet, 1/2"	0.2	141.73
505-7120	82	160° Fan Jet, 3/4"	0.6	197.88
505-7130	83	160° Fan Jet, 1"	1.1	259.39
505-8110	91	50° Fan Jet, 3/4"	0.5	136.38
505-8120	92	50° Fan Jet, 1"	0.7	205.91
505-8130	93	50° Fan Jet, 1 1/4"	1.1	235.40
505-8140	94	50° Fan Jet, 1 1/2"	1.5	264.74
505-8150	95	50° Fan Jet, 2"	3.3	427.86
505-8160	96	50° Fan Jet, 3"	7.5	1,123.12
505-9110	107A-1,2 or 3	Foam Column Jet, 4" & 6"	117	14,440.14
505-9210	107B	Foam Pinnacle Jet, 4"	139	15,777.19
506-2100	108-210	Columnar Sprayhead ,4" x 57 x 4mm	19.5	3,208.92
506-2105	108-216	Columnar Sprayhead, 2 1/2" x 72 x 6mm(1009),BSP	10.2	2,406.69
506-2108	108-218	Columnar Sprayhead ,4" x 90 x 6mm,(1012-1),BSP	14.9	3,208.92
506-3750	108-375	Columnar Sprayhead ,4" x 36 x 9.5mm	31	3,743.74
506-3760	108-376	Columnare Sprayhead ,6" x 36 x 9.5mm	69	4,947.09
506-3910	121	Bursting Jet, 1/2"	0.3	173.82
506-3920	121a	Bursting Jet, 3/4"	0.3	213.93
506-3930	122	Bursting Jet, 1"	0.9	347.63
506-5310	252	3 Tier, 1/4" Fountain Head	0.4	133.71
506-5320	254	3 Tier, 1/4" Fountain Head	0.4	147.08
506-5410	262	3 Tier, 1/2" Fountain Head	0.6	160.45
506-5420	264	3 Tier, 1/2" Fountain Head	0.6	187.19
506-5510	272	3 Tier, 3/4" Fountain Head	1.1	227.30
506-5520	274	3 Tier, 3/4" Fountain Head	1.1	254.04
506-5610	282	3 Tier, 1 1/4" Fountain Head	1.9	347.63
506-5620	284	3 Tier, 1 1/4" Fountain Head	1.9	374.37
506-6200	290	3 Tier,Adjustable, 1 1/4" Fountain Head	2.1	668.53
506-6300	292	3 Tier, Adjustable, 2" Valved Fountain Head	7.7	1,497.50
506-6430	294A	3 Tier, Adjustable, 2 1/2" Valved Fountain Head	19	2,379.95
506-6440	294B	3 Tier, Adjustable, 3" Valved Fountain Head	19	3,075.22
506-5450	294C	3 Tier, Adjustable, 3" Valved Fountain Head	21	4,011.15
506-5520	295A	3 Tier, Adjustable, 4" Valved Fountain Head	78	8,022.30
506-5550	295B	3 Tier, Adjustable, 6" Valved Fountain Head	91	10,428.99

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
506-507	Cat.	NOZZLES & JETS	Kg	List Prices
		DESCRIPTION		\$
		CALYX JETS		
506-9100	325	Calyx Jet, 1 1/2" , 20/25/30/35/40/45° Cone,Specify	2.4	347.63
506-9200	326	Calyx Jet, 2" , 20/25/30/35/40/45° Cone,Specify	7.7	454.60
506-9208	325/08-6	Calyx Jet, 2" , 25° Cone + 08-6 Adjustment Flange	10.9	478.50
506-9300	327	Calyx Jet, 3" , 20/25/30/35/40/45° Cone,Specify	8.9	628.41
506-9400	328	Calyx Jet, 4" , 20/25/30/35/40/45° Cone,Specify	17.4	1,016.16
506-9600	329	Calyx Jet, 6" , 20/25/30/35/40/45° Cone,Specify	30	1,403.90
507-0004	361	Copper Picaly Jet, 1" x 4mm & 35° Cone	1.1	240.67
507-0006	362	Copper Picaly Jet, 1 1/2" x 6mm & 35° Cone	1.4	347.63
507-0008	363	Copper Picaly Jet, 2" x 8mm & 40° Cone	1.7	454.60
		PICALY JETS		
507-0020	366	Picaly Jet, 2" x 9.5mm & 25° Cone	4.8	1,056.27
507-0030	367	Picaly Jet, 3" x 9.5mm & 30° Cone	12.5	1,524.24
507-0040	368	Picaly Jet, 4" x 9.5mm & 30° Cone	19.3	2,406.69
		VERTI CALYX JETS		
507-1110	372	Verti-Calyx/Low Hollow Stream Jet, 2"x 2mm	4.1	949.31
507-1120	373	Verti-Calyx/Low Hollow Stream Jet, 3"x 3mm	9.5	1,564.35
507-1130	374	Verti-Calyx/Low Hollow Stream Jet, 4" x 3.9mm	24	2,620.62
507-1180	376	Verti-Calyx/Low Hollow Stream Jet, 6" x 4.5	49	7,540.96
507-1406	386	3"(75mm) Calyx Sleeve Jet w. 08, 2"x 250 Cone	4.9	708.64
		DIRECTIONAL SWIVEL UNIONS		
507-2160	536	Directional Swivel Union, 1/2" FIPT. X 1/2"MIPT.	0.5	112.31
507-2170	537	Directional Swivel Union, 1/2" FIPT. X 3/4"MIPT.	0.6	135.92
507-2180	538	Directional Swivel Union, 3/4" FIPT. X 3/4"MIPT.	0.6	109.64
507-2190	539	Directional Swivel Union, 1" FIPT. X 1/2"MIPT.	0.6	128.36
507-2200	540	Directional Swivel Union, 1" FIPT. X 3/4"MIPT.	0.7	133.71
507-2210	541	Directional Swivel Union, 1" FIPT. X 1"MIPT.	0.6	99.00
507-2220	551	Directional Swivel Union, 1 1/4" FIPT. X 1"MIPT.	0.7	187.19
507-2230	552	Directional Swivel Union, 1 1/4" FIPT. X 1 1/4"MIPT.	0.9	187.19
507-2240	553	Directional Swivel Union, 1 1/2" FIPT. X 1 1/4"MIPT.	1.1	192.54
507-2250	554	Directional Swivel Union, 1 1/2" FIPT. X 1 1/2"MIPT.	1.6	143.00
507-2260	555	Directional Swivel Union, 2" FIPT. X 1 1/2"MIPT.	3.2	246.02
507-2270	556	Directional Swivel Union, 2" FIPT. X 2"MIPT.	3.8	154.00
507-2275	556	Directional Swivel Union, 2" 1/2 FIPT. X 2 1/2"MIPT.	4.1	288.20
507-2280	557	Directional Swivel Union, 3" FIPT. X 2 1/2"MIPT.	6.2	414.49
507-2290	558	Directional Swivel Union, 3" FIPT. X 3"MIPT.	9.5	387.74
507-2300	559	Directional Swivel Union, 4" FIPT. X 4"MIPT.	30.9	979.00
		FILIGRAN SPRAY JET		
507-3000	626	Filigran Spray Jet, 1 1/2" x 7 x 6.35mm (7mm x 130mm)	2.1	418.00

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
506-507	Cat.	NOZZLES & JETS	Kg	List Prices
		DESCRIPTION		\$
		A' TYPE AERATING JETS 3/4" - 3", NO STRAINER		
507-4010	741A/536	Aerating Jet, no strainer, 1/2" x 16mm	0.4	279.45
507-4020	742A	Aerating Jet, no strainer, 3/4" x 16mm	0.6	330.04
507-4030	743A	Aerating Jet, no strainer, 3/4" x 19mm	0.8	367.69
507-4040	744A	Aerating Jet, no strainer, 1" x 25mm	1.2	382.40
507-4050	745A	Aerating Jet, no strainer, 1 1/4" x 32mm	2.3	411.81
507-4060	746A	Aerating Jet, no strainer, 1 1/2" x 39mm	3.6	529.47
507-4070	747A	Aerating Jet, no strainer, 2" x 52mm	4.7	705.96
507-4080	748A	Aerating Jet, no strainer, 2 1/2" x 63mm	8.5	882.45
507-4090	749A	Aerating Jet, no strainer, 3" x 76mm	11.5	1,117.77
507-4091	749C	Aerating Jet, no strainer, 3" x 100 mm	18.1	1,167.65
		B' TYPE AERATING JETS 3/4" - 3", WITH STRAINER		
507-4110	742B	Aerating Jet, with strainer, 3/4" x 16mm	0.8	378.57
507-4120	743B	Aerating Jet, with strainer, 3/4" x 19mm	0.9	426.52
507-4130	744B	Aerating Jet, with strainer, 1" x 25mm	1.5	455.93
507-4140	745B	Aerating Jet, with strainer, 1 1/4" x 32mm	2.3	500.06
507-4150	746B	Aerating Jet, with strainer, 1 1/2" x 39mm	3.6	638.31
507-4160	747B	Aerating Jet, with strainer, 2" x 52mm	6.7	823.62
507-4170	748B	Aerating Jet, with strainer, 2 1/2" x 63mm	10.5	1,058.94
507-4180	749B	Aerating Jet, with strainer, 3" x 76mm	15.1	1,250.14
		AERATING JETS 4" - 8"		
507-7110	750-1AT	Aerating Jet, 4" x 95mm	33.8	1,678.54
507-7120	750-1T	Aerating Jet, 4" x 95mm w. Strainer	38.9	1,911.98
507-7130	750-1AF	Aerating Jet, 4"FL x 95mm	39.9	2,000.23
507-7140	750-1F	Aerating Jet, 4" x 95mm w. Strainer	48.4	2,206.13
507-7160	750-2T	Aerating Jet, 4" x 102mm	48.9	1,911.98
507-7162	750-2T-B	Aerating Jet, 4" x 102mm w. Strainer	54.3	2,147.30
507-7170	750-2F	Aerating Jet, 4"Fl. x 102mm	59.2	5,074.10
507-7440	766	Aerating Jet, 6"Fl. x 162mm	73.2	11,707.21
507-7460	768	Aerating Jet, 8"Fl. x 200mm	83.9	17,590.23
		AERATING JET ASSEMBLIES (POTS)		
		FOR CUSTOM MADE ASSEMBLIES PLEASE ENQUIRE		
507-6202	740-4002	Air.Jet Ass., 2" x 1 x 744A & 6 x 743A	25.0	4,235.77
507-6206	740-4006	Air.Jet Ass., 3" x 1 x 745A & 6 x 744A	26.0	5,294.72
507-6210	740-401	Air.Jet Ass., 3" x 1 x 744A & 8 x 743A	27.0	4,412.27
507-6212	740-6212	Air.Jet Ass., 4" x 1 x 746A & 6 x 745A	36.0	7,942.08
507-6220	740-402	Air.Jet Ass., 4" x 1 x 745A & 8 x 744A	27.0	6,765.47
507-6230	740-403	Air.Jet Ass., 4" x 1 x 746A & 5 x 745A	35.0	5,883.02
507-6240	740-404	Air.Jet Ass., 4" x 3 x 746A & 8 x 745A	77.0	10,295.29
507-6250	740-405	Air.Jet Ass., 4" x 1 x 747A & 6 x 746A	79.0	10,295.29
507-6260	740-406	Air.Jet Ass., 6"Fl. x 3 x 747A & 8 x 746A	129.0	10,589.44
507-6270	740-407	Air.Jet Ass., 6"Fl. x 1 x 749A & 4 x 747A	121.0	12,648.49
507-6272	740-4072	Air.Jet Ass., 6"Fl. x 1 x 749A & 6 x 747A	146.0	12,795.57
507-6280	740-408	Air.Jet Ass., 6"Fl. x 1 x 749A & 8 x 747A	151.0	12,942.64
507-6290	740-409	Air.Jet Ass., 6"Fl. x 1 x 749A & 6 x 749A	180.0	15,295.85
507-6310	740-416	Air.Jet Ass., 6" x 1 x 749A, 8 x 747A, 8 x 746A	194.0	20,002.27
		LAKE JETS		
507-7510	776	Lake Cascade Jet, 6" x 153mm	66.9	10,118.79
507-7710	796	Lake Geyser Jet, 6" x 153mm	87.8	9,427.54
506-5550	295B	3 Tier, Adjustable, 6" Valved Fountain Head	91.0	11,470.80

SERIAL	PEM	NOZZLES & JETS	W.	LIST
	Cat.	FLOW STRAIGHTENERS SEE PRICELIST PAGE	Kg	PRICES
		DESCRIPTION		\$
		BRASS ADJUSTABLE STREAM JETS		
		WITH FLOW STRAIGHTENER		
		MIPT Metric Orifice Sizes		
507-7800	804-1	1/4" x 3mm	0.1	13.20
507-7810	804-2	1/4" x 4mm	0.1	13.20
507-7815	805-1a	3/8" x 3mm	0.2	14.14
507-7820	805-1	3/8" x 4mm	0.2	14.40
507-7822	805-2	3/8" x 5mm	0.2	14.40
507-7823	805-3	3/8" x 6mm	0.2	14.74
507-7830	808-1	1/2 " x 6mm	0.3	16.50
507-7832	808-2	1/2" x 8mm	0.3	19.37
507-7833	808-3	1/2" x 10mm	0.3	19.48
507-7890	812-1	3/4" x 12mm	0.4	42.90
507-7892	812-2	3/4" x 14mm	0.4	42.90
507-7910	813-1	1" x 12mm	0.5	46.82
507-7912	813-2	1" x 14mm	0.5	51.06
507-7920	815-1	1 1/2" x 16mm	0.9	96.80
507-7922	815-2	1 1/2" x 17mm	0.9	105.60
507-7924	815-4	1 1/2" x 19mm	0.9	107.80
507-7925	815-5	1 1/2" x 20mm	0.9	107.80
NPT / MIPT AMERICAN ORIFICE SIZES WITH FS (Flow Straighteners)				
507-8110	822	1/8" x 3.18mm/.125" (No Flow Straightener)	0.1	11.00
507-8120	823	1/4" x 4.75mm/.187",FS	0.1	13.20
507-8130	824	3/8" x 6.35mm/.250",FS	0.2	14.74
507-8140	825	1/2" x 9.52mm/.375",FS	0.3	19.48
507-8150	826	3/4" x 12.7mm/.500",FS	0.4	42.90
507-8161	827-1	1" x 12.7mm/.500"FS	0.5	51.06
507-8162	827-2	1" x 15.9mm/.625"FS	0.5	51.06
507-8164	828-1	1 1/2" x 15.9mm/.625"FS	0.9	96.80
507-8165	828-2	1 1/2" x 19.1mm/.750"FS	0.9	107.80

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
507-508	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
BRONZE ADJUSTABLE STREAM JETS FIPT / FL, NPT or BSP (specify)				
507-9110	843B	3/4" x 6.35mm/.250"	0.5	128.36
507-9210	843C	3/4" x 9.52mm/.375"	0.5	128.36
507-9120	844B	1" x 9.52mm/.375"	0.8	148.78
507-9220	844C	1" x 12mm/.500"	0.8	148.78
507-9130	845B	1 1/4" x 12.7mm/500"	1.1	163.36
507-9230	845C	1 1/4" x 15.9mm/.525"	1.1	172.11
507-9140	846B	1 1/2" x 15.9mm/.625"	1.3	210.04
507-9240	846C	1 1/2" x 20mm/.750"	1.3	224.62
507-9150	847B	2" x 22.3mm/.875"	3.4	320.89
507-9250	847C	2" x 25.4mm/1.000"	3.4	350.06
507-9170	849 B	3" x 28.6mm/1.125"	12	714.71
507-9270	849C	3" x 31.8mm/1.250"	12	714.71
508-0110	850AT	4" x 38.1mm/1.500"	26.9	1,980.78
508-0120	850BT	4" x 44.5mm/1.750"	26.7	2,100.38
508-0130	850CT	4" x 51.0mm/2.000"	26.5	2,100.38
508-0210	850AF	4"FL. x 38.1mm/1.500"	38.9	2,392.10
508-0220	850BF	4"Fl. x 44.5mm/1.750"	38.7	2,479.62
508-0230	850CF	4"Fl. x 51.0mm/2.000"	38.5	2,567.14
CAST BRONZE STREAM JETS FIPT, NPT or BSP (specify)				
508-1100	870B	1" x 12.7mm	0.8	72.93
508-11002	870/08-3	As above but with 1" Adjustment Flange	1.9	163.36
508-1110	871	1 1/2" x 16 - 20mm(.625/.750")	1.3	110.85
508-11102	871/08-5	As above but with 1 1/2" Adjustment Flange	2.8	239.21
508-1120	872	2" x 22 - 26mm, (.875/1.000")	2.1	145.86
508-11202	872-08-6	As above but with 2" Adjustment Flange	5	297.55
508-1125	8725	2 1/2" x 26 - 29mm,(1.00/1.25")	2.6	189.62
508-11252	8725/08-7	As above but with 2 1/2" Adjustment Flange & FS	6.4	452.17
508-1130	873	3" x 28 - 32mm,(1.100/1.250")	2.8	186.70
508-1132	873/08-8	As above but with 3" Adjustment Flange	6.9	542.60
508-1140	874	4" x 38 - 44mm,(1.500/1.750")	8.3	700.13
508-1142	871/08-9	As above but with 4" Adjustment Flange & FS	24.9	1,837.84
508-1150	875	5" x 50 - 65mm, (2.000/2.500")	15.9	1,604.46
508-1152	875/08-10	As above but with 6" Bronze Adjustment Flange & FS	38.4	3,646.50
508-1160	876	6" x 64 - 76mm, (2.500/3.000")	24.1	2,625.48
508-1162	876/08-10	As above but with 6" Bronze Adjustment Flange	47.0	4,667.52
508-1170	876 - S	6" x 76mm, (2.500/3.000") W. St.St. Sleeve	26.1	3,646.50
508-1172	876S/08-10	As above but with 6" Bronze Adjustment Flange	50.1	5,688.54
STREAM JETS ASSEMBLIES				
508-2220	800-413	1006,2" w. 12 x 825	19.7	3,550.82
508-2225	800-415	1008-1, 3" w. 16 x 824	28.0	3,646.50
508-2540	800-454	1010-1, 4"x w. 7 x 871	35.0	5,035.09
508-2640	800-427	1015-1FL, 6" w. 1 x 849 B & 12 x 846 B	120.0	17,503.20
508-2650	800-428	1020-1,8" FL w. 1 x 849 C & 8 x 847 C & 8 x 846 C	145.0	20,420.40
FOR CUSTOM MADE STREAM JET ASSEMBLIES PLEASE ENQUIRE				

PEM	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
Serial	Cat.	NOZZLE & JETS	Kg	List Prices
		Description		\$
#		WATERLEVEL INDEPENDENT AERATED JETS		
508-3020	951	1" x 25mm	0.6	277.72
508-3120	951/08	As Above but with 08 Directional Adjustment Flange	1.6	367.40
508-3030	952	1 1/4" x 32mm	1.1	303.75
508-3130	952/08	As Above but with 08 Directional Adjustment Flange	2.4	413.68
508-3040	953	1 1/2" x 38mm	1.9	390.54
508-3140	953/08	As Above but with 08 Directional Adjustment Flange	3.4	517.83
508-3050	954	2" x 51mm	3.5	549.65
508-3150	954/08	As Above but with 08 Directional Adjustment Flange	6.1	700.08
508-8051	954A	2 1/2" x 65mm	3.9	752.15
508-3151	954A/-08	As Above but with 08 Directional Adjustment Flange	7.6	1,012.51
508-3060	955	3" x 76mm	4.1	775.29
508-3160	955/08	As Above but with 08 Directional Adjustment Flange	10.8	1,128.23
		CAST BRONZE DISTRIBUTION CHAMBERS		
509-0102	1003-4*	1 1/4" X OD 83mm / 3.387" / OV 68mm / 2.775"	1.5	202.50
509-0110	1006-1*	2" x OD 180mm / 7.0" x OV 80mm / 3.15"-S&D	5.9	998.05
509-0210	1008-1*	3" x OD 229mm / 9.02" x V 82mm / 3.23"-S&D	16.9	1,735.73
509-0220	1008-2*	4" x OD 229mm / 9.02" x V 82mm / 3.23"-S&D	16.9	2,025.02
509-0310	1009-1 & 2*	2 1/2" x OD 212mm x V 110mm / 4.34"-S&D	7.5	1,157.16
509-0420	1010-1*	4" x OD 241mm / 9.49" x V 121mm / 4.77"-S&D	13.7	1,764.66
509-0430	1010-2*	4" x OD 241mm / 9.49" x V 121mm / 4.77" -S&D	14.9	1,880.38
509-0520	1012-1*	4"FI x OD 300mm / 11.82" x V 70mm / 2.76"-S	28.4	1,735.73
509-0530	1012-2*	6"FI x OD 300mm / 11.82" x V 70mm / 2.76"-S	28.4	3,037.53
509-0540	1012-3*	8"FI x OD 300mm / 11.82" x V 70mm / 2.76"-S	28.4	3,182.18
509-0610	1013-1*	4" x OD 342mm / 13.47 x V 177mm / 6.97"-S	44.5	2,545.74
509-0640	1015-1*	6"FL x OD 342mm / 13.47 x V 177mm / 6.97"-S	45.2	3,471.47
509-0650	1015-2*	6"FL x OD 342mm / 13.47 x V 177mm / 6.97"-S	45.1	4,339.34
509-0710	1018-1 & 2*	6"FI x OD 450mm / 17.72" x V 185mm / 7.29"-S	86.9	6,335.43
509-0760	1020-1 & 2*	8"FI x OD 450mm / 17.72" x V 185mm / 7.29"-S	77.6	8,534.03
*: All tappings are extra and additional - Each: 1/2" - 1 1/2" E 15.00 Each. 2" - 4" E 90.00 Each				
When ordered with PEM Jets to be installed at factory, no tapping charges apply, for side tappings see catalog				

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SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
#	Cat.	NOZZLES & JETS	Kg	List Prices
		DESCRIPTION		\$
		SPHERE DE FLEUR, DANDELION FOUNTAIN HEADS		
509-1212	1103-2	2", 0.6m Diam., 204mm / 8" Hub, 39 x '3/8" Arms, 16mm Discs.	27	1,481.56
509-1214	1103-4	2", 0.75m Diam., 204mm / 8" Hub, 85 x '3/8" Arms 16mm Discs	44	2,140.03
509-1216	1103-6	2", 0.9m Diam., 204mm / 8" Hub, 115 x '3/8" Arms, 16mm Discs	58	3,160.66
509-1230	1123 (1119)	2", 1.0m / 3.3' Diam., 204mm / 8" Hub, 29 x 'A' Arms	25	2,732.65
509-1232	11232	2", 0.9m / 3.0' Diam., 204mm / 8" Hub, 29 x 'A' Arms	28	2,716.19
509-1240	1124 (1119-1)	2", 1.0m / 3.3' Diam., 204mm / 8" Hub, 37 x 'A' Arms	29	3,292.35
509-1241	11241	2", 1.2m / 3.0' Diam., 204mm / 8" Hub, 61 x 'A' Arms	76	5,267.76
509-1242	11242	2", 0.9m / 4.0' Diam., 204mm / 8" Hub, 61 x 'A' Arms	82	5,103.15
509-1250	1125 (1131)	2 1/2", 1.0m / 3.3' Diam., 254mm / 10" Hub, 61 x 'A' Arms	84	5,267.76
509-1260	1126 (1120)	2 1/2", 1.2m / 4.0' Diam., 204mm / 10" Hub, 29 x 'A' Arms	32	2,930.19
509-1270	1127 (1132)	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 61 x 'A' Arms	98	5,267.76
509-1280	1128 (1132-1)	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 79 x 'A' Arms	111	6,255.47
509-1281	11281	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 85 x 'A' Arms	132	6,584.70
509-1290	1129 (1133A)	2 1/2", 1.5m / 5.0' Diam., 254mm / 10" Hub, 61 x 'A' Arms	121	5,926.23
509-1340	1134 (1133)	2 1/2", 2.0m / 6.6' Diam., 254mm / 10" Hub, 61 x 'A' Arms	134	5,597.00
509-1300	1130 (1133-1)	4", 1.5m / 5.0' Diam., 305mm / 12" Hub, 127 x 'A' Arms	153	10,640.00
509-1301	11301	4", 1.55m / 5.2' Diam., 305mm / 12" Hub, 112 x 'A' Arms	143	14,815.58
509-1302	11302	4", 1.8m / 6.0' Diam., 305mm / 12" Hub, 151 x 'A' Arms	216	19,754.11
509-1350	1135 (1151)	4", 2.0m / 6.6' Diam., 305mm / 12" Hub, 125 x 'A' Arms	161	18,766.41
509-1352	11352	4", 2.4m / 8.0' Diam., 305mm / 12" Hub, 252 x 'A' Arms	324	26,338.82
509-1360	1136 (1133-2)	4", 2.5m / 8.3' Diam., 305mm / 12" Hub, 127 x 'A' Arms	187	19,754.11
509-1370	1137 (1152)	4", 2.5m / 8.3' Diam., 305mm / 12" Hub, 141 x 'A' Arms	205	23,046.46
509-1380	1138 (1163)	4", 2.5m / 8.3' Diam., 305mm / 12" Hub, 173 x 'A' Arms	224	23,046.46
509-1390	1139 (1153)	4", 3.0m / 10.0' Diam., 305mm / 12" Hub, 173 x 'A' Arms	289	27,984.99
509-1400	1140 (1155)	4", 3.0m / 10.0' Diam., 305mm / 12" Hub, 253 x 'A' Arms	341	31,277.34
509-1402	11402	6"FI, 3.0m / 10.0' Diam., 508mm / 20" Hub, 253 x 'A' Arms	780	32,923.52
509-1410	1141	6"FI, 3.0m / 10.0' Diam., 508mm / 20" Hub, 385 x 'A' Arms	870	49,385.28
509-1412	11422	6"FI, 3.2m / 10.7' Diam., 508mm / 20" Hub, 337 x 'A' Arms	790	46,092.93
509-1420	1142	6"FI, 3.5m / 11.6' Diam., 508mm / 20" Hub, 385 x 'A' Arms	980	85,601.15
509-1430	1143	6"FI, 4.0m / 13.3' Diam., 508mm / 20" Hub, 385 x 'A' Arms	1300	87,247.33
509-1443	1144A	6"FI, 4.5m / 15.0' Diam., 508mm / 20" Hub, 385 x 'A' Arms	4750	105,355.26
509-1440	1144	6"FI, 4.5m / 15.0' Diam., 508mm / 20" Hub, 385 x 'B' Arms	6000	197,541.12
509-1450	1145	6"FI, 5.0m / 16.6' Diam., 508mm / 20" Hub, 417 x 'B' Arms	6500	214,002.87
509-1460	1146	6"FI, 6.0m / 20.0' Diam., 508mm / 20" Hub, 455 x 'B' Arms	7200	223,879.93

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
#	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
		HEMISPHERES DE FLEUR, SEMI DANDELIONS		
509-2212	1203-2	2", 0.6m Diam., 204mm / 8" Hub, 25 x '3/8" Arms, 16mm Discs.	13	1,312.74
509-2214	1203-4	2", 0.75m Diam., 204mm / 8" Hub, 53 x '3/8" Arms 16mm Discs	25	1,640.93
509-2216	1203-6	2", 0.9m Diam., 204mm / 8" Hub, 65 x '3/8" Arms, 16mm Discs	17	1,805.02
509-2230	1223 (1171)	2", 1.0m / 3.3' Diam, 204mm / 8" Hub, 21 x 'A' Arms	25	1,969.11
509-2231	12231	2", 1.0m / 3.0' Diam, 204mm / 8" Hub, 21 x 'A' Arms	24	2,231.66
509-2240	1224	2", 1.0m / 3.3' Diam, 204mm / 8" Hub, 25 x 'A' Arms	29	2,297.30
509-2250	1225	2", 1.0m / 3.3' Diam, 204mm / 8" Hub, 33 x 'A' Arms	84	2,362.93
509-2260	1226 (1173)	2", 1.2m / 4.0' Diam, 204mm / 8" Hub, 21 x 'A' Arms	32	2,461.39
509-2270	1227	2", 1.2m / 4.0' Diam, 204mm / 8" Hub, 25 x 'A' Arms	98	2,723.94
509-2280	1228 (1174)	2", 1.2m Diam / 4.0' , 204mm / 8" Hub, 33 x 'A' Arms	34	3,019.30
509-2290	1229	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 49 x 'A' Arms	55	3,938.22
509-2294	12294	2 1/2", 0.9m / 3.0' Diam., 254mm / 10" Hub, 25 x 'A' Arms	44	3,117.76
509-2295	12295	2 1/2", 0.9m / 3.0' Diam., 254mm / 10" Hub, 41 x 'A' Arms	49	3,445.94
509-2296	12296	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 49 x 'A' Arms	57	3,610.04
509-2297	12297	2 1/2", 1.2m / 4.0' Diam., 254mm / 10" Hub, 52 x 'A' Arms	59	3,938.22
509-2300	1230 (1175)	2", 1.5m / 5.0' Diam., 204mm / 10" Hub, 33 x 'A' Arms	41	3,314.67
509-2305	12305	2", 1.8m / 6.0' Diam., 204mm / 8" Hub, 33 x 'A' Arms	43	3,544.40
509-2310	1231	2 1/2", 1.5m / 5.0' Diam., 254mm / 10" Hub, 61 x 'A' Arms	62	5,021.23
509-2320	1232	2 1/2", 1.5m / 5.0' Diam., 254mm / 10" Hub, 73 x 'A' Arms	91	5,841.69
509-2325	12325	2 1/2", 1.8m / 6.0' Diam., 254mm / 10" Hub, 61 x 'A' Arms	86	5,349.42
509-2330	1233	2", 2.0m / 6.6' Diam., 204mm / 8" Hub, 33 x 'A' Arms	44	3,610.04
509-2340	1234 (1176)	2 1/2", 2.0m / 6.6' Diam., 254mm / 10" Hub, 61 x 'A' Arms	69	5,415.05
509-2350	1235	2 1/2", 2.5m / 8.3' Diam., 254mm / 10" Hub, 73 x 'A' Arms	112	13,783.77
509-2351	12351	2 1/2", 2.5m / 8.3' Diam., 254mm / 10" Hub, 75 x 'A' Arms	114	13,783.77
509-2360	1236 (1178)	2 1/2", 2.5m / 8.3' Diam., 254mm / 10" Hub, 85 x 'A' Arms	134	16,409.25
509-2362	SPEC.	4", 1.5m / 5.0' Diam., 305mm / 12" Hub, 62 x 'A' Arms	210	13,127.40
509-2363	SPEC.	4", 1.8m / 6.0' Diam., 305mm / 12" Hub, 84 x 'A' Arms	220	16,081.07
509-2365	SPEC.	4", 2.4m / 8.0' Diam., 305mm / 12" Hub, 85 x 'A' Arms	224	17,393.81
509-2366	SPEC.	4", 2.4m / 8' Diam., 305mm / 12" Hub, 124 x 'A' Arms	243	19,362.92
509-2370	1237	4", 2.5m / 8.3' Diam., 305mm / 12" Hub, 129 x 'A' Arms	269	19,756.74
509-2380	1238 (1192)	4", 2.5m / 8.3' Diam., 305mm / 12" Hub, 145 x 'A' Arms	293	21,988.40
509-2390	1239 (1180)	4", 3.0m / 10.0' Diam., 305mm / 12" Hub, 125 x 'A' Arms	262	22,972.95
509-2400	1240 (1181)	4", 3.0m / 10.0' Diam., 305mm / 12" Hub, 141 x 'A' Arms	275	25,598.43
509-2410	1241 (1193)	4", 3.0m / 10.0' Diam., 305mm / 12" Hub, 193 x 'A' Arms	385	29,536.65
509-2415	SPEC.	4", 3.2m / 10.6' Diam., 305mm / 12" Hub, 178 x 'A' Arms	376	27,895.73
509-2420	1242	4", 3.5m Diam / 11.7' ., 305mm / 12" Hub, 193 x 'A' Arms	529	30,849.39
509-2423	12423	4", 3.5m Diam / 11.7' ., 305mm / 12" Hub, 210 x 'A' Arms	548	37,741.28
509-2430	1243	4", 4.0m / 13.3' Diam., 305mm / 12" Hub, 193 x 'A' Arms	698	31,833.95
509-2431	12431	6"FI, 4.5m / 15.0' Diam., 508mm / 20" Hub, 248 x 'A' Arms	2900	49,227.75
509-2440	1244	6"FI, 4.5m / 15.0' Diam., 508mm / 20" Hub, 201 x 'B' Arms	3300	173,938.05
509-2450	1245	6"FI, 6.0m / 20.0' Diam., 508mm / 20" Hub, 221 x 'B' Arms	3600	183,783.60
509-2460	1246	6"FI, 6.0m / 20.0' Diam., 508mm / 20" Hub, 249 x 'B' Arms	4200	187,065.45
509-2510	11/1202	2 1/2" Base for 254mm / 10.0" Hub Stand Pipe (2 1/2")	8.9	643.24

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
#	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
		3/4", 300mm Diam. ROTATORS w. 4mm center jets & 3mm Arm Jets		
509-3210	1421	3/4", 1 x Offset Center Spray Jet	2.2	693.32
509-3220	1422	3/4", 2 Spray Arms	2.6	753.61
509-3230	1423	3/4", 2 Spray Arms & 1 Center Spray Jet	2.7	904.33
509-3240	1424	3/4", 4 Spray Arms	2.7	904.33
509-3250	1425	3/4", 4 Spray Arms & 1 Center Spray Jet	2.8	1,055.05
509-3260	1426	3/4", 6 Spray Arms	2.8	1,055.05
509-3270	1427	3/4", 6 Spray Arms & 1 Center Spray Jet	2.9	1,205.78
509-3280	1428	3/4", 8 Spray Arms	2.9	1,205.78
509-3290	1429	3/4", 8 Spray Arms & 1 Center Spray Jet	3.1	1,356.50
		1 1/2", 254mm Diam. ROTATORS w. 10mm center jets & 6mm Arm Jets		
509-3410	1441	1 1/2", 1 x Offset Center Spray Jet	4.2	1,205.78
509-3420	1442	1 1/2", 2 Spray Arms	4.4	1,537.36
509-3430	1443	1 1/2", 2 Spray Arms & 1 Center Spray Jet	4.6	1,748.38
509-3440	1444	1 1/2", 4 Spray Arms	4.8	1,808.66
509-3450	1445	1 1/2", 4 Spray Arms & 1 Center Spray Jet	5.1	1,959.39
509-3460	1446	1 1/2", 6 Spray Arms	5.2	1,959.39
509-3470	1447	1 1/2", 6 Spray Arms & 1 Center Spray Jet	5.4	2,110.11
509-3480	1448	1 1/2", 8 Spray Arms	5.6	2,110.11
509-3490	1449	1 1/2", 8 Spray Arms & 1 Center Spray Jet	5.8	2,260.83
		3", 460mm Diam. ROTATORS w. 16mm center jets & 10mm Arm Jets		
509-3610	1461	3", 1 x Offset Center Spray Jet	18.5	4,069.49
509-3630	1463	3", 2 Spray Arms	18.4	4,220.22
509-3640	1464	3", 2 Spray Arms & 1 Center Spray Jet	19.6	4,823.10
509-3660	1466	3", 4 Spray Arms	19.5	5,124.55
509-3670	1467	3", 4 Spray Arms & 1 Center Spray Jet	20.7	5,425.99
509-3690	1469	3", 6 Spray Arms	20.6	5,576.71
509-3710	1471	3", 6 Spray Arms & 1 Center Spray Jet	21.8	5,727.44
509-3720	1472	3", 8 Spray Arms	21.7	6,631.77
509-3730	1473	3", 8 Spray Arms & 1 Center Spray Jet	22.9	7,536.10
		4" ROTATORS		
509-5110	1484	4"FL, 1 x Offset Center Spray Jet	83	14,469.31
509-5210	1491	4"FL x 4"FL Rotating Base ,max. load of 400Kg	54	13,564.98
		ARCHING CROWN SPRAY HEADS		
509-6110	1510	Crown Spray, 1 1/4", 24 x 4.75mm	1.8	452.17
509-6130	1520	Crown Spray, 2", 36 x 4.75mm	6.4	1,537.36
509-6150	1530	Crown Spray, 3", 48 x 4.75mm	16.8	3,768.05
509-6170	1540	Crown Spray, 4", 36 x 9.52mm	14.9	4,672.38
509-6190	1550	Crown Spray, 6", 48 x 4.75mm	47.1	5,878.16
		WATER STARS, 1 1/2" BSP, 800mm diameter		
509-6210	1561	12 x 4mm Jets	6.9	828.97
509-6220	1562	12 x 4mm Jets & 1 x 6mm Center Jet	8.9	904.33
509-6230	1563	18 x 4mm Jets	8.5	988.74
509-6240	1564	18 x 4mm Jets & 1 x 8mm Center Jet	10.5	1,085.20
509-6250	1565	24 x 4mm Jets	10.5	1,175.63
509-6260	1566	24 x 4mm Jets & 1 x 10mm Center Jet	12.5	1,250.99

509-0000	Cat.	NOZZLES & JETS	Kg	List Prices
		Description		\$
		ROTATING WATER STARS, 1 1/2" BSP, 800mm diameter		
509-6310	1571	12 x 4mm Jets	11.5	1,674.47
509-6320	1572	12 x 4mm Jets & 1 x 6mm Center Jet	12.8	1,794.08
509-6330	1573	18 x 4mm Jets	14.8	1,883.78
509-6340	1574	18 x 4mm Jets & 1 x 8mm Center Jet	16.3	1,973.49
509-6350	1575	24 x 4mm Jets	17.2	2,033.29
509-6360	1576	24 x 4mm Jets & 1 x 10mm Center Jet	19.6	2,137.94
		PINNACLE CASCADE JETS		
509-6610	1611	1/2" x 38mm / 1.5"	0.4	95.68
509-6709	1611/536	1/2" x 38mm / 1.5", with 536 Swivel Union	0.8	149.51
509-6710	1611/081	1/2" x 38mm, with 08-1 Flange	1.4	170.44
509-6620	1612	3/4" x 51mm / 2.0"	0.8	116.62
509-6719	1612/538	3/4" x 51mm / 2" with 538 Swivel Union	1.1	209.31
509-6720	1612/082	3/4" x 51mm / 2" with 08-2 Flange	1.7	206.32
509-6721	1612/540	1" x 51mm / 2" with 540 Swivel Union	1.2	224.26
509-6640	1614	1 1/4" x 70mm / 2.75"	1.9	184.19
509-6740	1614/084	1 1/4" x 70mm / 2.75" with 08-4 Flange	3.2	284.06
509-6650	1615	1 1/2" x 76mm	2.5	246.69
509-6750	1615/085	1 1/2" x 76mm with 08-5 Flange	5.9	376.76
509-6660	1616	2" x 102mm	5.5	372.27
509-6760	1616/086	2" x 102mm with 08-6 Flange	9.9	526.26
509-6670	1617	2 1/2" x 120mm	7.1	559.15
509-6770	1617/087	2 1/2" x 120mm with 08-7 Flange	11.1	822.29
509-6680	1618	3" x 160mm	9.2	740.06
509-6780	1618/088	3" x 160mm with 08-8 Flange	16.5	1,196.05
509-6784	1618/089	4" x 160mm with 08-9 Flange	29.8	1,211.00
		LOW HEIGHT (OV) WATER LEVEL INDEPENDENT AERATED JETS		
509-714	1644	1" x 25mm	0.4	269.11
509-715	1645	1 1/4" X 32mm	0.9	284.06
509-716	1646	1 1/2" x 38mm	1.5	418.62
509-717	1647	2" x 51mm	2.7	598.03
509-718	1648	2 1/2" x 65mm	3.1	717.63
509-719	1649	3" x 76mm	3.5	807.34
		(10m + only) W.L.INDEPENDENT AERATED JETS WITH 08 FLANGE		
509-8010	1702	2" x 51mm	2.1	1,076.45
509-8020	1702A	2" x 51mm	2.9	1,016.64
509-8030	1703	3" x 76mm	3.9	1,345.56
509-8040	1704	4" X 95mm	8.9	1,943.58
509-8060	1705	6" x 130mm	13.7	2,691.12
		LIGHT EMITTING BUBBLER		
510-0072	1721	2" X 50mm,12V, max.100W, (1-9pcs))	29.0	3,289.14
		(10+ pcs)		2,691.12
		PROJECTION SCREEN JET WITH ADJUSTMENT FLANGE		
510-109	1854-08	6" SCREEN JET St. St. w. 08-10 Flange,St. St.	46.3	27,060.68
		LOW HEIGHT (OV) HOLLOW STREAM JETS		
510-1221	1963	1." x 25mm / 1.0" x 3mm / 0.125"	0.9	343.86
510-1222	1965	1 1/2" x 40mm / 1.5" x 3mm / 0.125"	2.9	373.77
510-1223	1967	2" x 50mm / 2" x 3mm / 0.125"	4.6	418.62
510-1224	1969	3" x 76mm / 3.0" x 3mm / 0.125"	5.8	1,061.50

SERIAL	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
509-0000	Cat.	PROJECTION SCREEN JETS 7 HOLLOW STREAM JET	Kg	List Prices
		Description		\$
		Mini Screen Jet for Fresh Water		
		SCREEN JET to 2.4-3.0m (8' - 10') Sprayheight x 1.5 x Width		
		170 Degrees		
510-1071	07-4	2" Screen Jet , Stainless Steel & Bronze	10.50	1,460.00
507-2270	556	PEM 556, 2" NPT/BSP Directional Swivel Union	3.80	126.41
		Suggested PUMP HP: 20+@60Hz/30+@50Hz		
		Screen Jet for Fresh Water		
		Screen Jet to 8-10m (24'-30') x 2 x Width		
510-1110	1854	6" SCREEN JET Stainless Steel & Bronze	48.30	22,000.55
Custom	08-10B1	6" Directional adjustment Flange, Bronze	22.90	1,823.00
		Suggested PUMP HP: 100+@60Hz/150+@50Hz		
		Screen Jet for Fresh Water		
		High Pressure Screen Jet to 10-15m (35'-50')x 3.5 x Width		
510-1120	1856	8" SCREEN JET Bronze	90.00	48,700.00
Custom	08-12NB	8" Directional adjustment Flange, Nickel Bronze	48.00	4,690.00
		Suggested PUMP HP: 700+@60Hz/900+@50Hz		
		CAUTION		
		This jet can eject water at super sonic velocities!!		
		Screen Jet for Fresh Water		
		Lower Pressure Screen Jet to 9-12m (30'-40') x 3 x Width		
510-1130	1858	8" SCREEN JET Stainless Steel & Nickel Bronze	100.00	44,500.00
Custom	08-12AB	8" Directional adjustment Flange, Alu.Bronze	42.00	3,780.00
		Suggested PUMP HP: 700@60Hz+900@50Hz		
		LOW HEIGHT (OV) HOLLOW STREAM JETS (Spec.)		
510-1221	1963	1" x 25mm / 1.0" x 3mm / 0.125"	0.90	279.57
510-1222	1965	1 1/2" x 40mm / 1.5" x 3mm / 0.125"	2.90	303.88
510-1223	1967	2" x 50mm / 2" x 3mm / 0.125"	4.60	340.34
510-1224	1969	3" x 76mm / 3.0" x 3mm / 0.125"	5.80	863.01
		For greater Sprayheight Hollow Stream Jets		
		with internal air intake		
		- Please enquire with requirements!		



07-4



1854



1856



1858



1967

Serial	PEM	WEB INDEX 9 - CATALOG SECTION 500	W.	Suggested
#	Cat.#	FLOW STRAIGHTENERS	Kg	List Prices
		CLOSE BRASS NIPPLE with ABS FLOW STRAIGHTENER		\$
503-6011	01051	1/4" NPT, Brass & ABS Flow Straightener	0.1	16.04
503-6012	01052	3/8" NPT, Brass & ABS Flow Straightener	0.1	19.25
503-6013	01053	1/2" NPT, Brass & ABS Flow Straightener	0.1	22.46
503-6014	01054	3/4" NPT, Brass & ABS Flow Straightener	0.2	28.88
503-6015	01055	1" NPT, Brass & ABS Flow Straightener	0.3	35.30
503-6016	01056	1 1/4" NPT, Brass & ABS Flow Straightener	0.35	48.13
503-6017	01057	1 1/2" NPT, Brass & ABS Flow Straightener	0.4	51.34
503-6018	01058	2" NPT, Brass & ABS Flow Straightener	0.8	64.18
		COMPONENT ABS FLOW STRAIGHTENER INSERTS		
503-6081	01081	For 1/4" NPT, ABS Flow Straightener	0.01	6.42
503-6082	01082	For 3/8" NPT, ABS Flow Straightener	0.01	9.63
503-6083	01083	For 1/2" NPT, ABS Flow Straightener	0.01	12.84
503-6084	01084	For 3/4" NPT, ABS Flow Straightener	0.02	16.04
503-6085	01085	For 1" NPT, ABS Flow Straightener	0.03	19.25
503-6086	01086	For 1 1/4" NPT, ABS Flow Straightener	0.035	22.46
503-6087	01087	For 1 1/2" NPT, ABS Flow Straightener	0.04	22.46
503-6088	01088	For 2" NPT, ABS Flow Straightener	0.06	35.30
		PEM 21 000 Series Flow Straighteners		
		Flanges with Tubes		
		Flange Gaskets by others to suit pressure requirements		
		Use only with specified PEM Pump Suction Strainers !		
520-3025	21025	2 1/2" Flow Straightener	6.90	1,601.64
520-3030	21030	3" Flow Straightener	9.00	1,944.83
520-3040	21040	4" Flow Straightener	13.90	2,526.86
520-3060	21060	6" Flow Straightener *	32.90	6,003.41
520-3080	21080	8" Flow Straightener *	50.90	10,135.86
520-3100	21110	10" Flow Straightener *	76.00	14,605.40
520-3120	21120	12" Flow Straightener *	112.30	22,507.36
		* Shipped in Plywood Crate		
		PEM 23 000 Series Flow Straightening Flanges		
		Flanges only		
		Flange Gaskets by others to suit pressure requirements		
		Use only with specified PEM Pump Suction Strainers !		
520-4025	23025	2 1/2" Flow Straightening Flange	3.30	609.89
520-4030	23030	3" Flow Straightening Flange	4.50	742.86
520-4040	23040	4" Flow Straightening Flange	4.68	1,033.21
520-4060	23060	6" Flow Straightening Flange	7.48	2,093.98
520-4080	23080	8" Flow Straightening Flange	9.61	3,028.74
520-4100	23110	10" Flow Straightening Flange *	18.05	5,353.99
520-4120	23120	12" Flow Straightening Flange *	29.59	7,289.61
		* Shipped in Plywood Crate		

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	W.	Suggested
601-611	Cat.	EU POOL FITTINGS	Kg	List Prices
		METRIC FITTINGS		\$
		CONCRETE POOL BASES DN 75mm PVC & 2" BSP		
601-5000	60150	Base only	2.1	209.31
601-5001	60151	Base only for threaded Drain Plug / Overflow Standpipe	2.1	209.31
		PARTS FOR DN 75mm PVC & 2" BSP BASES		
602-5010	60251	Liner Clamp & Gasket	1	110.63
602-5011	602511	Winter Sealing Base Clamp & Gasket	1.3	143.53
602-5015	602515	Liner Gasket	0.5	29.90
602-5030	60253	Drain Grate	1	95.68
602-5050	60254	Overflow Stand Pipe,0.5m w. O Ring Seal & Lock Rod	2.6	218.28
602-5055	60255	Overflow Stand Pipe,1.0m w. O Ring Seal & Lock Rod	3.7	245.19
602-5050	60254	Overflow Stand Pipe,0.5m, threaded w. O Ring seal, Lock Rod	2.6	218.28
602-5055	60255	Overflow Stand Pipe,1.0m, threaded w. O Ring seal, Lock Rod	3.7	245.19
602-5080	60256	Drain Plug with O Ring Seal	0.7	44.85
602-5090	60257	Threaded Drain Plug with O Ring Seal	0.7	44.85
		CONCRETE POOL BASE DN 110mm PVC		
601-6000	60160	Base only	3.5	313.96
601-6003	60163	Base only for threaded Drain Plug / Overflow Standpipe	3.5	
		CONCRETE POOL BASE , 4" NPS / BSP		
601-6005	60165	Base only	4	313.96
601-6007	60167	Base only for threaded Drain Plug / Overflow Standpipe	4	
		PARTS FOR DN 110mm PVC & 4" NPS / BSP BASES		
602-6010	6016-1	Liner Clamp & Gasket	1.2	116.62
602-6012	6016-12	Winter Sealing Base Clamp & Gasket	1.6	179.41
602-6014	6016-14	Liner Gasket	0.5	44.85
602-6030	6015-3	Drain Grate	1.1	119.61
602-6040	6016-4	Overflow Stand Pipe,0.5m, Lock Rod, O Ring Seal	5.4	328.91
602-6045	6016-45	Overflow Stand Pipe,0.5m, Lock Rod for Threaded Base, O Ring Seal	5.4	328.91
602-6050	6016-5	Overflow Stand Pipe,1.0m, Lock Rod, O Ring Seal	6.9	388.72
602-6055	6016-55	Overflow Stand Pipe,1.0m, Lock Rod for Threaded Base, O Ring Seal	6.9	388.72
602-5060	602-6060	Drain Plug w. O Ring Seal	0.9	59.80
602-6080	60216-8	Threaded Drain Plug w. O Ring Seal for Threaded Base	0.9	59.80

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	W	Suggested
#	CAT.	POOL FITTINGS	Kg	List Prices
		PLAIN BASES		\$
602-2000	6092,2"	2", NPS / BSP Plain Base	2.9	375.29
602-3000	6093,3"	3", NPS / BSP Plain Base	3.1	405.31
602-4000	6094,4"	4", NPS / BSP Plain Base	3.7	435.33
607-1000	6201,4"	4" Outside / Male Thread 4"NPS/BSP ,	3	339.63
		HEIGHT ADJUSTABLE BASES		
603-20000	6102,2"	2", NPS / BSP HEIGHT ADJUSTABLE BASE	2.7	420.32
603-30000	6103,3"	3", NPS / BSP HEIGHT ADJUSTABLE BASE	2.9	450.34
603-40000	6104,4"	4", NPS / BSP HEIGHT ADJUSTABLE BASE	3.3	480.37
		HEIGHT ADJUST. BASES W. SUBSURFACE MEMB. CLAMP		
606-20000	6112,2"	2", NPS / BSP HEIGHT ADJUST. BASES W. SUBSURFACE MEMB. CLAMP	3.6	480.37
606-30000	6113,3"	3", NPS / BSP HEIGHT ADJUST. BASES W. SUBSURFACE MEMB. CLAMP	3.9	510.39
606-40000	6114,4"	4", NPS / BSP HEIGHT ADJUST. BASES W. SUBSURFACE MEMB. CLAMP	4.2	540.41
		BASE ADD ONS : 6090,6100 & 6110 Series		
607-0012	Base + - 02	02 Surface Membrane clamp	0.8	99.08
607-0014	Base + -03	03 Surface Liner Clamp	0.9	195.00
607-0016	Base + -04	04 Puddle Flange	1.6	162.12
607-0005	Base + 05	05 Threaded Top	0	63.05
607-0008	Base + -08	08 Underdeck Clamp	2.6	285.22
607-0009	Base + -09	09 Elevation Extension	2.6	330.25
643-0372	641372	DN 50 Slip Fit Adapter x 2" BSP	1.1	157.95
643-0373	641373	DN 75 Slip Fit Adapter X 3"BSP	1.3	214.36
643-0374	641-374	DN 100 Slip Fit Adapter X 4" BSP	1.6	361.05
		FITTINGS FOR 6090 / 6100 / 6110 & 6201 BASES		
610-3300	6212	6212,Floor Drain	0.4	105.08
610-3400	6214	6214,Balancing 120 GPM	0.8	270.21
610-3410	6214A	6214A,Balancing/Drain - 250 GPM	1,1	450.34
610-3500	6215	6215,AV-Shallow Suction	1.3	195.15
610-3510	6215V	6215V, Valved AV Shallow Suction	2.2	504.38
610-3600	6216-1	6216,AV Suction, Bronze AV Cover, 50GPM	2.5	450.34
610-3601	6216-2	6216,AV Suction, Plastic AV Cover, 50 GPM	1.7	330.25
610-3610	6216A-1	6216,AV Suction, Bronze AV Cover, 120GPM	3.4	570.43
610-3611	6216A-2	6216,AV Suction, Plastic AV Cover,120GPM	2,2	420.32
610-3630	6216V-05-1	6216,Valved AV Suction, Bronze AV Cover, 120GPM	4.1	750.57
610-3631	6216V-05-2	6216, Valved AV Suction, Plastic AV Cover,120GPM	3.1	540.41
610-3650	6216VS-05-1	6216VS-05,Double Strainer Bronze AV Cover	3.9	630.48
610-3651	6216VS-05-2	6216VS-05,Double Strainer Bronze Plastic Cover	2.8	495.38
610-3700	6217-1	6217, AV Suction / Discharge, Bronze Cover	11.2	600.46
610-3701	6217-2	6217, AV Suction / Discharge, Plastic Cover	10.1	450.34
610-3710	6217V-1	6217V, Valved AV Suction / Discharge, Bronze Cover	14.4	840.64
610-3800	6218	6218,Winter Cover	0.9	195.15
		OVERFLOW STAND PIPE & DRAINS (continued Page 57)		
610-4100	62201	1 1/2" - 40mm Overflow Stand Pipe, Slip Fit	1.4	294.22
610-4110	62201-05	1 1/2" - 40mm Stand Pipe for -05 Threaded Base	1.4	348.27
		Add per 2.5cm \ 1" over 40cm \ 16"	0.1	4.80
610-4120	62201-X	Slip Fit Adapter & Dome for 1 5/8" Copper Tube	0.9	204.16
610-4230	62201-05-X	Threaded Adapter & Dome for 1 5/8" Copper Tube	0.9	258.20

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	W	Suggested
#	CAT.	POOL FITTINGS	Kg	List Prices
		OVERFLOW STAND PIPE & DRAINS (continued from Page 56)		\$
610-4200	622202	2" - 54mm Overflow Stand Pipe, Slip Fit	2.1	410.98
610-4210	62202-05	2" - 54mm Stand Pipe for -05 Threaded Base	2.1	512.98
		Add per 2.5cm \ 1" over 40cm \ 16"	0.2	10.80
610-4220	62202-X	Slip Fit Adapter & Dome for 2 1/8" Copper Tube	1.5	299.99
610-4230	62202-05-X	Threaded Adapter & Dome for 2 1/8" Copper Tube	1.5	359.98
610-4300	62203	3" - 79.4mm Overflow Stand Pipe, Slip Fit	3.2	449.98
610-4310	62203-05	3" - 79.4mm Stand Pipe for -05 Threaded Base	3.2	479.98
		Add per 2.5cm \ 1" over 40cm \ 16"	0.3	16.20
610-4320	62203-X	Slip Fit Adapter & Dome for 3 1/8" Copper Tube	1.9	323.98
610-4330	62203-05-X	Threaded Adapter & Dome for 3 1/8" Copper Tube	1.9	377.98
610-4400	62204	4" - 104.8mm Overflow Stand Pipe, Slip Fit	6.3	701.97
610-4410	62204-05	4" - 104.8mm Stand Pipe for -05 Threaded Base	6.3	755.96
		Add per 2.5cm \ 1" over 40cm \ 16"	0.9	43.20
610-4420	62204-X	Slip Fit Adapter & Dome for 4 1/8" Copper Tube	4.1	509.98
610-4430	62204-05-X	Threaded Adapter & Dome for 4 1/8" Copper Tube	4.1	566.97
610-5520	6222	Slip Fit Plug	1.7	173.99
610-5050	6222-05	Threaded Plug For -05 Basees	1.7	194.99
610-6100	6224A	Coarse Suction Strainer 1335 cm2 / 207 Sq.Inch. Slip Fit	4.5	824.96
610-6150	6224-05	Coarse Suction Strainer 1335 cm2 / 207 Sq.Inch. Threaded Fit	4.5	884.96
610-6200	6224B	Fine Suction Strainer 1335 cm2 / 207 Sq.Inch. Slip Fit	4.9	917.96
610-6250	6224B-05	Fine Suction Strainer 1335 cm2 / 207 Sq.Inch. Threaded Fit	4.9	977.95
610-6300	6225A	Coarse Suction Strainer 2560 cm2 / 397 Sq.Inch. Slip Fit	5.7	944.95
610-6350	6225A-05	Coarse Suction Strainer 2560 cm2 / 397 Sq.Inch. Threaded Fit	4.9	1,004.95
610-6400	6225B	Fine Suction Strainer 2560 cm2 / 397 Sq.Inch. Slip Fit	4.9	1,109.95
610-6450	6225B-05	Fine Suction Strainer 2560 cm2 / 397 Sq.Inch. Threaded Fit	4.8	1,169.94
610-7021	6284	Cast Bronze Suction / Drain / Balance Fitting	13.5	419.98
610-7020	6284-1	Cast Bronze Suction w. Bronze A.V. Cover	25	899.96
610-7021	6284-2	Cast Bronze Suction w. Plastic A.V. Cover	17.5	659.97
610-7810	6291-1	Cast Bronze Inlet Fittings, 203mm / 8" Bronze Cover	4.1	554.97
610-7811	6291-2	Cast Bronze Inlet Fittings, 203mm / 8" Plastic Cover	3.1	479.98
610-7820	6291V	Cast Bronze Inlet Fittings, 203mm / 8" Bronze Cover w. Valve	6.9	749.96
610-7840	6293-1	Cast Bronze Inlet Fittings, 330mm / 13" Bronze Cover	7.6	779.96
610-7841	6293-2	Cast Bronze Inlet Fittings, 330mm / 13" Plastic Cover	4.4	689.97
610-7850	6293V	Cast Bronze Inlet Fittings, 330mm / 13" Bronze Cover w. Valve	8.6	944.95
610-7870	6296-1	Cast Bronze Inlet Fittings, 375mm / 14.75" Bronze Cover	11.5	989.95
610-7871	6296-2	Cast Bronze Inlet Fittings, 375mm / 14.75" Plastic Cover	6.8	749.96
610-7880	6296V	Cast Bronze Inlet Fittings, 375mm / 14.75" Bronze Cover w. Valve	13.9	1,169.94
		WALL OVERFLOWS		0.00
611-0210	6315	Height Adjustable Overflow 1 1/2"	2.5	344.98
611-0230	6315A	Not Height Adjustable Overflow 1 1/2"	2.3	329.98
611-0240	6315A-CC	Not Height Adjustable Overflow 2 1/8" Copper Fit	2.1	329.98
611-0280	6315-TM	Opt. Tile Mask	0.6	179.99
611-0290	6315-WC	Opt. Winter Cover	2.7	119.99
611-0410	6316, 1 1/2"	Height Adjustable Overflow 1 1/2"w. Surface Liner Clamp	3.3	479.98
611-0430	6316A, 1 1/2"	Not Height Adjustable Overflow 1 1/2"w. Surface Liner Clamp	3.3	449.98
611-0440	6316A-CC	Not Height Adjustable Overflow 2 1/8" Copper Fit w. Surface Liner Clamp	3.1	419.98
611-0480	6316-TM	Opt. Tile Mask	1.1	269.99
611-0490	6316-WC	Opt. Winter Cover	0.3	299.99
611-0510	6316A-112	Full Flow Horizontal Inlet Installation w. Deflector Plate, 1 1/2"	4.7	899.96
611-0520	6316-112-CC	Full Flow Horizontal Inlet Installation w. Deflector Plate, 2 1/8" Copper Fit	3.8	899.96

SERIAL	PEM	POOL FITTINGS	W.	Suggested
611	CAT.	Description	Kg	List Prices
		ADJUSTABLE WALL OVER FLOWS		\$
611-0610	6317-2"	Adjustable Wall Overflow , 2"	4.2	538.22
611-0620	6317, 3"	Adjustable Wall Overflow , 3"	4.2	478.42
611-0630	6317, 4"	Adjustable Wall Overflow , 4" (Male NPT/BSP)	4.5	478.42
611-0640	6317, 3" & 4"	Adjustable Wall Overflow , 3" Female & 4" (Male NPT/BSP)	4.8	523.27
611-0680	6317-TM	Opt. Tile Mask	2.4	538.22
611-0690	6317-WC	Opt. WC, Winter Cover	0.8	284.06
611-0710	6317- 60-1	Opt. Surface Flange	1.7	269.11
611-0730	6317- 60-2	Opt. Surface Liner Clamp	2.4	304.99
611-0750	6317- 60-3	Opt. Surface Gasketed Liner Clamp	2.7	657.83
611-0770	6317- 65-1	Opt.Sub. Surface Flange	2.7	720.62
611-0790	6317- 65-2	Opt. Sub. Surface Liner Clamp	3.6	867.14
611-0801	6318A-1	Adjustable Wall Overflow, 3" BSP / NPS	7.9	513.70
611-0803	6318A-2	Adjustable Wall Overflow, 76mm PVC	8.8	481.59
611-0811	6318-A-61	With Surface Flange	8.2	926.94
611-0821	6318-A-62	With Surface Liner Clamp	8.9	1,113.02
		VALVED WALL INLET FITTINGS		
		(Add SILICON SEALANT to mating surfaces of Liner Clamps)		
611-0901	6319	6319, Wall Inlet with Valve	7.9	717.63
611-0091	6319-61	With -61, Surface Flange	1.1	1,145.22
611-0092	6319-62	With -62, Membrane Clamp	2.3	1,336.59
611-0093	6319-63	With -63, Liner Clamp	2.5	1,417.32
		OVERFLOW STAND PIPE GRATES		
611-0831	6323-1	3" BSP,Overflow Stand Pipe Grate	4.1	343.86
611-0832	6323-2	DN 75, PVC,Overflow Stand Pipe Grate	4.4	386.68
611-0833	6324-1	4" BSP,Overflow Stand Pipe Grate	5.9	478.42
611-0834	6324-2	DN 110, PVC,Overflow Stand Pipe Grate	6.2	538.22
611-0835	6326-1	6" BSP,Overflow Stand Pipe Grate	8.1	813.35
611-0836	6326-2	DN 160, PVC,Overflow Stand Pipe Grate	8.2	837.24
		GUTTER DRAINS		
611-1180	6321	Gutter Drain, 1 1/2" x 320mm x 97mm	2.1	233.23
611-1181	6321-61	With Puddle Flange	1.2	448.52
611-1182	6321-62	With Membrane /Liner Clamp	1.8	508.32
		VACUUM FITTINGS		
611-2100	6338	Vacuum Fitting 1 1/2" NPT/BSP x NPT / BSP	2.2	358.82
611-2110	6338-61	With Surface Flange	0.7	448.52
611-2120	6338-62	With Surface Clamp	1.8	523.27
611-2150	6338-65-1	With Sub Surface Clamp	2.1	777.43
611-2103	6338-TM	Opt.TM, Tile Mask	0.8	179.41
		EYEBALL FITTINGS		
611-2200	6345	1 1/2"NPT/BSP Eye Ball Inlet Fitting, No Valve	3.4	299.01
611-2210	6345-61	With Surface Flange	0.7	388.72
611-2220	6345-62	With Surface Clamp	1.8	478.42
611-2240	6345-65	With Sub Surface Flange	2.1	687.73
611-2250	6345-66	With Sub Surface Clamp	3.6	777.43
611-2203	6345-TM	Opt. Tile Mask	0.8	179.41
611-2305	6345-WC	Opt. Gasketed Winter Cover	1.6	122.60
611-2300	6345A	6345A ,with Valve	3.4	373.77
611-2310	6345A-61	With -61 Surface Flange	0.7	463.47
611-2320	6345A-62	With -62 Surface Clamp	1.8	553.17
611-2340	6345A-65	With -65 Subsurf.Flange	2.1	762.48
611-2350	6345A-66	With -66 Subsurf Clamp	3.6	852.19
611-2303	6345-TM	Add TM , Tile Mask	0.8	179.41
611-2305	6345-WC	Add WC , Winter Cover	0.9	122.60

SERIAL #	PEM CAT.	WEB INDEX 10 - CATALOG SECTION 600 POOL FITTINGS	W. Kg	Suggested List Prices \$
Description				
6370 SERIES THREADED BRASS PIPE WATER STOP & UNDERFLOOR CLAMP				
611-1301	6371	6371, 3/4", Fittings Only	1.7	538.22
611-1303	6371A	6371A, 380mm\14" Conduit	2.6	687.73
611-1306	6371B	6371B, 460mm\18" Conduit	3.9	837.24
611-1322	6372	6372, 1", Fittings Only	1.7	627.93
611-1324	6372A	6372A, 340mm\14" Conduit	3.7	1,016.64
611-1326	6372B	6372B, 460mm\18" Conduit	4.6	1,106.35
63730 SERIES CAST BRONZE PENETRATION PIPE COUPLINGS FOR CONCRETE POOLS				
611-1331	637311	Female x Female - Inside x Inside Pipe Thread, 1"	1.1	149.84
611-1332	637412	Female x Female - Inside x Inside Pipe Thread, 1 1/2"	1.2	205.48
611-1333	637313	Female x Female - Inside x Inside Pipe Thread, 2"	2.3	267.56
611-1334	637314	Female x Female - Inside x Inside Pipe Thread, 2 1/2"	2.9	323.20
611-1335	637315	Female x Female - Inside x Inside Pipe Thread, 3"	4.3	623.11
611-1336	637316	Female x Female - Inside x Inside Pipe Thread, 4"	5.2	770.56
63740 SERIES CAST BRONZE PENETRATION PIPE COUPLINGS WITH SURFACE LINER CLAMP				
611-1341	637421	Female x Female - Inside x Inside Pipe Thread, 1"	2.2	428.07
611-1342	637422	Female x Female - Inside x Inside Pipe Thread, 1 1/2"	3.2	503.00
611-1343	637423	Female x Female - Inside x Inside Pipe Thread, 2"	4.3	684.92
611-1344	637424	Female x Female - Inside x Inside Pipe Thread, 2 1/2"	6.4	749.15
611-1345	637425	Female x Female - Inside x Inside Pipe Thread, 3"	7.8	1,074.47
611-1346	637426	Female x Female - Inside x Inside Pipe Thread, 4"	8.7	1,145.10
6380 SERIES BRAZE ON SURFACE FLANGES for Schedule Size Brass Pipe				
611-1400	6380/-1	Braze On Surface Flange for 1/2"	0.5	83.72
611-1401	6381/-1	Braze On Surface Flange for 3/4"	0.5	83.72
611-1402	6382/-1	Braze On Surface Flange for 1"	0.8	104.65
611-1403	6383/-1	Braze On Surface Flange for 1 1/4"	0.8	143.53
611-1404	6384/-1	Braze On Surface Flange for 1 1/2"	1.2	185.39
611-1405	6385/-1	Braze On Surface Flange for 2"	1.6	224.26
611-1406	6386/-1	Braze On Surface Flange for 3"	3.6	307.98
611-1407	6387/-1	Braze On Surface Flange for 4"	3.5	346.86
BRAZE ON SURFACE MEMBRANE CLAMPS for Schedule Size Brass Pipe				
611-1400	6380/-1/-2	Braze On Flange with Membrane Clamp for 1/2"	0.9	122.60
611-1421	6381/-1/-2	Braze On Flange with Membrane Clamp for 3/4"	0.9	122.60
611-1422	6382/-1/-2	Braze On Flange with Membrane Clamp for 1"	1.5	143.53
611-1423	6383/-1/-2	Braze On Flange with Membrane Clamp for 1 1/4"	1.5	203.33
611-1424	6384/-1/-2	Braze On Flange with Membrane Clamp for 1 1/2"	3.4	245.19
611-1425	6385/-1/-2	Braze On Flange with Membrane Clamp for 2"	3.4	346.86
611-1426	6386/-1/-2	Braze On Flange with Membrane Clamp for 3"	6.1	406.66
611-1427	6387/-1/-2	Braze On Flange with Membrane Clamp for 4"	7.7	529.25
BRAZE ON SURFACE FLANGE WITH UNDER DECK CLAMP for Schedule Size Brass Pipe				
611-1440	6380/-1/-3	Braze On Surface Flange w. Underdeck Clamp 1/2"	1.6	239.21
611-1441	6381/-1/-3	Braze On Surface Flange w. Underdeck Clamp 3/4"	1.6	239.21
611-1442	6382/-1/-3	Braze On Surface Flange w. Underdeck Clamp 1"	1.9	343.86
611-1443	6383/-1/-3	Braze On Surface Flange w. Underdeck Clamp 1 1/4"	2.1	403.67
611-1444	6384/-1/-3	Braze On Surface Flange w. Underdeck Clamp 1 1/2"	5.2	418.62
611-1445	6385/-1/-3	Braze On Surface Flange w. Underdeck Clamp 2"	5.6	463.47
611-1446	6386/-1/-3	Braze On Surface Flange w. Underdeck Clamp 3"	7.2	508.32
611-1447	6387/-1/-3	Braze On Surface Flange w. Underdeck Clamp 4"	9.2	687.73
BRAZE ON SURFACE MEMBRANE CLAMP WITH UNDER DECK CLAMP for Schedule Size Brass Pipe				
611-1460	6380/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 1/2"	1.8	254.16
611-1461	6381/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 3/4"	1.8	254.16
611-1462	6382/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 1"	2.6	278.08
611-1463	6383/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 1 1/4"	2.8	304.99
611-1464	6384/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 1 1/2"	6.4	598.03
611-1465	6385/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 2"	7.4	687.73
611-1466	6386/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 3"	9.6	732.58
611-1467	6387/-1/-2/-3	Braze On Membrane Clamp w. Underdeck Clamp 4"	11.6	914.98
ADD TO ABOVE 6380/6385 FITTINGS BRAZED IN 14" - 356mm LONG RED BRASS PIPE				
611-1491	Add/-A1 to above	1/2"	1.00	56.81
611-1492	Add/-A2 to above	3/4"	1.60	68.77
611-1493	Add/-A3 to above	1"	2.00	89.70
611-1494	Add/-A4 to above	1 1/4"	2.50	119.61
611-1495	Add/-A5 to above	1 1/2"	3.00	137.55
611-1496	Add/-A6 to above	2"	4.20	185.39
FOR PRICE OF ADD ON PIPES FOR ABOVE 2 1/2" TO 4" ("A" TYPE) PLEASE INQUIRE				

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	W.	Suggested
#	Cat.	POOL FITTINGS	Kg	List Prices
		FOR CUSTOM MADE 1 1/2" - 10" FITTING ASSEMBLIES PLEASE ENQUIRE		\$
		MIPT BSP / NPS x DIN 19534 PVC SLIP JOINT ADAPTERS		
643-0371	641371	1 1/2" X 38mm	0.7	89.88
643-0372	641372	2" x 51mm	1.1	157.31
643-0373	641373	3" x 76mm	1.3	213.50
643-0374	641374	4" 102mm	1.6	359.59
643-0376	641376	6" 152mm	2.6	584.33
		6442 BASES, 1 1/2" & 2"		
644-10000	64410	Compression Seal Base for 1 1/2" Schedule Size Pipe	3.2	328.91
644-11000	64411	A1 - Threaded Base 1 1/2" BSP / NPT	2.7	224.26
644-12000	64412	A2 - 1 1/2" Copper Solder Terminal Base	2.7	224.26
644-13000	64413	A3 - 1 1/2" Copper Solder Through Base	2.7	224.26
644-20000	64420	Compression Seal Base for 2" Schedule Size Pipe	3.2	328.91
644-21000	64421	A1 - Threaded Base 2" BSP / NPT	2.6	179.41
644-22000	64422	A2 - 2" Copper Solder Terminal Base	2.6	179.41
644-23000	64423	A3 - 2" Copper Solder Through Base	2.6	179.41
		FITTINGS FOR 6442 BASES		
644-21004	6442-004	Puddle Flange	2.5	269.11
644-21005	6442-005	Dished Membrane Clamp	1.1	149.51
644-21006	6442-006	Liner Clamp	1.2	149.51
644-21031	6442-031	Membrane Drain	3.1	418.62
644-21032	6442-032	Inspection Cover	1.3	299.01
644-21036	6442-036	Double Membrane Drain	2.1	448.52
644-21048	6442-048	Suction Strainer	7.9	807.34
644-21055	6442-055	Underfloor Clamp	3.1	568.12
644-21071	6442-071	Light Duty Suction/Discharge Fitting	2.8	299.01
644-21072	6442-072	Heavy Duty Suction/Discharge Fitting	4.7	478.42
644-210721	6442-072-1	Heavy Duty Suction/Discharge Fitting w. Valve	5.9	598.03
644-21075	6442-075	Anti Vortex Suction/Discharge Fitting	3.4	349.85
644-210751	6442-075-1	Anti Vortex Suction/Discharge Fitting w. Valve	5.1	523.27
		6443 BASES		
644-30000	64430	Compression Seal Base for 3" Schedule Size Pipe	4.1	418.62
644-31000	64431	A1 - Threaded Base 3" BSP / NPT	3.3	343.86
644-32000	64432	A2 - 3" Copper Solder Terminal Base	3.3	343.86
644-33000	64433	A3 - 3" Copper Solder Through Base	3.3	343.86
		FITTINGS FOR 6443 BASES		
644-31004	6443-004	Puddle Flange	3.4	388.72
644-31005	6443-005	Dished Membrane Clamp	1.3	149.51
644-31006	6443-006	Liner Clamp	1.1	322.93
644-31032	6443-032	Inspection Cover	2.1	358.82
644-31033	6443-033	Area Drain with Dome	1.6	287.05
644-31034	6443-034	Planter Drain	1.6	299.01
644-31036	6443-036	Double Membrane Drain	1.4	269.11
644-31037	6443-037	Double Liner Drain	4.8	598.03
644-31041	6443-041	Surface Liner Drain	1.5	209.31
644-31043	6443-043	Heavy Duty Floor Drain	3.5	358.82
644-31048	6443-048	Suction Strainer	25.1	2,541.61
644-31055	6443-055	Underfloor Clamp	4.2	687.73
644-31071	6443-071	Light Duty Suction/Discharge Fitting	3.4	358.82
644-31072	6443-072	Heavy Duty Suction/Discharge Fitting	5.9	598.03
644-310721	6443-072-1	Heavy Duty Suction/Discharge Fitting w. Valve	10.5	1,136.25
644-31075	6443-075	Anti Vortex Suction/Discharge Fitting	5.9	598.03
644-310751	6443-075-1	Anti Vortex Suction/Discharge Fitting w. Valve	11.1	1,136.25
611-2305	6345-WC	Add WC , Winter Cover	0.9	122.60

Serial	PEM	WEB INDEX 10 - CATALOG SECTION 600	W.	Suggested
#	CAT.	PUMP SUCTION & DISCHARGE FITTINGS	Kg	List Prices
		FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES PLEASE ENQUIRE		\$
		2" Suction Strainer Assemblies with 6442 'A' Base		
6442-84100	6442-841	841	4.1	254.16
6442-84221	6442-84221	842-A Plastic 200mm/8" AV Cover	5.3	284.06
6442-84222	6442-84222	842-B- Cast bronze AV Cover	7.4	388.72
6442-84321	6442-84321	843-A Plastic 200mm/8" AV Cover	5.9	433.57
6442-84322	6442-84322	843-B- Cast bronze AV Cover	8.4	559.15
6442-000004	6442-4	ADD ON For Puddle Flange	2.5	269.11
6442-000005	6442-05	ADD ON For Membrane Clamp	1.1	149.51
6442-000006	6442-6	ADD ON For Liner Clamp	1.2	149.51
		ADD ON for 496mm/16" Cast bronze Cover (Shallow Ponds)	8.0	598.03
6442-88100	6442-881	881	4.7	328.91
6442-88221	6442-88221	882-A Plastic 200mm/8" AV Cover	5.9	364.80
6442-88222	6442-88222	882-B- Cast bronze AV Cover	7.5	490.38
6442-88321	6442-88321	883-A Plastic 200mm/8" AV Cover	8.5	532.24
6442-88322	6442-88322	883-B- Cast bronze AV Cover	9.7	657.83
6442-000004	6442-4	ADD ON For Each Puddle Flange	2.5	269.11
6442-000005	6442-05	ADD ON For Each Membrane Clamp	1.1	149.51
6442-000006	6442-6	ADD ON For Each Liner Clamp	1.2	149.51
		ADD ON for 496mm/16" Cast bronze Cover (Shallow Ponds)	8.0	598.03
		3" Suction Strainer Assemblies with 6443 'A' Base		
6443-84100	6443-841	841	8.2	672.78
6443-84221	6443-84221	842-A Plastic 300mm/12" AV Cover	9.2	732.58
6443-84222	6443-84222	842-B- Cast bronze AV Cover	11.2	932.92
6443-84321	6443-84321	843-A Plastic 300mm/12" AV Cover	9.8	971.79
6443-84322	6443-84322	843-B- Cast bronze AV Cover	12.1	1,196.05
6443-000004	6443-4	ADD ON For Puddle Flange	3.4	388.72
6443-000005	6443-05	ADD ON For Membrane Clamp	1.3	149.51
644-000006	6443-6	ADD ON For Liner Clamp	1.1	322.93
		ADD ON for 496mm/16" Cast bronze Cover (Shallow Ponds)	8.0	598.03
6443-88100	6443-881	881	12.2	852.19
6443-88221	6443-88221	882-A Plastic 300mm/12" AV Cover	13.2	911.99
6443-88222	6443-88222	882-B- Cast bronze AV Cover	15.3	1,109.34
6443-88321	6443-88321	883-A Plastic 300mm/12" AV Cover	13.1	1,151.20
6443-88322	6443-88322	883-B- Cast bronze AV Cover	16.1	1,345.56
6443-000004	6443-4	ADD ON For Each Puddle Flange	3.4	388.72
6443-000005	6443-05	ADD ON For Each Membrane Clamp	1.3	149.51
6443-000006	6443-6	ADD ON For Each Liner Clamp	1.1	322.93
		ADD ON for 496mm/16" Cast bronze Cover (Shallow Ponds)	8.0	598.03
		4" Suction Strainer Assemblies with 6444 'A' Base		
6444-84100	6444-841	841	19.0	747.53
6444-84221	6444-84221	842-A Plastic 300mm/12" AV Cover	20.5	807.34
6444-84222	6444-84222	842-B- Cast bronze AV Cover	22.0	1,001.69
6444-84321	6444-84321	843-A Plastic 300mm/12" AV Cover	23.0	1,046.55
6444-84322	6444-84322	843-B- Cast bronze AV Cover	24.0	1,255.85
6444-000004	6444-4	ADD ON For Puddle Flange	5.2	538.22
6444-000005	6444-05	ADD ON For Membrane Clamp	1.8	194.36
6444-000006	6444-6	ADD ON For Liner Clamp	2.3	418.62
		ADD ON for 610mm/24" Cast bronze Cover (Shallow Ponds)	20.0	1,345.56

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	W.	Suggested
#	Cat.	POOL FITTINGS	Kg	List Prices
		FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES PLEASE ENQUIRE		\$
		6444 - 4" BASES		
644-40000	64440	Compression Seal Base for 4" Schedule Size Pipe	4.8	509.15
644-41000	64441	A1 - Threaded Base 4" BSP / NPT	3.9	419.30
644-42000	64442	A2 - 4" Copper Solder Terminal Base	4.0	419.30
644-43000	64443	A3 - 4" Copper Solder Through Base	4.0	419.30
		FITTINGS FOR 6444 BASES		0.00
644-41004	6444-04	Puddle Flange	5.2	539.10
644-41005	6444-05	Dished Membrane Clamp	1.8	194.67
644-41006	6444-06	Liner Clamp	2.3	419.30
644-41037	6444-37	Double Liner Drain	5.6	599.00
644-41039	6444-39	Overflow Stand Pipe & Drain	3.2	389.35
644-41041	6444-41	Surface Liner Drain	1.7	209.65
644-41044	6444-44	Heavy Duty Floor Drain	7.2	539.10
644-41048	6444-48	Suction Strainer	29.9	3,144.74
644-41055	6444-55	Underfloor Clamp	4.7	599.00
644-410710	6444-71	Light Duty Suction/Discharge Fitting	3.9	419.30
644-41072	6444-72	Heavy Duty Suction/Discharge Fitting	9.1	928.45
644-410721	6444-72-1	Heavy Duty Suction/Discharge Fitting w. Valve	10.5	1,078.20
644-41074	6444-74	Extrem Shallow Tile Floor Discharge Fitting	8.1	838.60
644-410741	6444-74-1	As before but with Recessed Tile Pan Cover	10.5	1,078.20
644-41075	6442-75	Anti Vortex Suction/Discharge Fitting	9.1	928.45
644-410751	6442-75-1	Anti Vortex Suction/Discharge Fitting w. Valve	12.2	1,257.90
		6446 - 6" BASES		0.00
644-60000	64460	Compression Seal Base for 6" Schedule Size Pipe	9.6	988.35
644-61000	64461	A1 - Threaded Base 6" BSP / NPT	7.8	838.60
644-62000	64462	A2 - 6" Copper Solder Terminal Base	7.8	838.60
644-63000	64463	A3 - 6" Copper Solder Through Base	7.8	838.60
		FITTINGS FOR 6446 BASES		0.00
644-61004	6446-04	Puddle Flange	6.2	838.60
644-61005	6446-05	Dished Membrane Clamp	2.6	269.55
644-61006	6446-06	Liner Clamp	3.4	599.00
644-61042	6446-42	Diffused Discharge for Waterfalls	13.9	1,437.60
644-610421	6446-42-1	As above but with Balancing Valve	16.8	1,737.10
644-61044	6446-44	Heavy Duty Floor Drain	5.3	748.75
644-61048	6446-48	Suction Strainer	61.9	6,289.48
644-61055	6446-55	Underfloor Clamp	8.3	868.55
644-61068	6446-68	Spray & Drain Combination	7.9	1,281.86
644-61072	6446-72	Heavy Duty Suction/Discharge Fitting	19.2	1,976.69
644-610721	6446-72-1	Heavy Duty Suction/Discharge Fitting w. Valve	25.3	2,575.69
644-61075	6446-75	Anti Vortex Suction/Discharge Fitting	18.7	1,916.79
644-610751	6446-75-1	Anti Vortex Suction/Discharge Fitting w. Valve	25.8	2,635.59
		6448 - 8" BASES		0.00
644-80000	64480	Compression Seal Base for 8" Schedule Size Pipe	15.1	1,527.45
644-81000	64481	A1 - Threaded Base 8" BSP / NPT	12.1	988.35
644-82000	64482	A2 - 8" Copper Solder Terminal Base	12.1	988.35
644-83000	64483	A3 - 8" Copper Solder Through Base	12.1	988.35
		FITTINGS FOR 6448 BASES		0.00
644-81004	6448-04	Puddle Flange	16.8	1,737.10
644-81005	6448-05	Dished Membrane Clamp	3.2	359.40
644-81006	6448-06	Liner Clamp	7.3	1,108.15
644-81048	6448-48	Suction Strainer	103.1	10,482.47
644-81055	6448-55	Underfloor Clamp	12.1	1,377.70
644-81072	6448-72	Heavy Duty Suction/Discharge Fitting	20.4	2,096.49
644-810721	6448-72-1	Heavy Duty Suction/Discharge Fitting w. Valve	27.5	2,815.29
644-81075	6448-75	Anti Vortex Suction/Discharge Fitting	19.8	2,036.59
644-810751	6448-75-1	Anti Vortex Suction/Discharge Fitting w. Valve	27.5	2,815.29

SUCTION - DISCHARGE FITTINGS

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SERIAL	PEM		W.	Suggested
#	CAT.	PUMP SUCTION & DISCHARGE FITTINGS	Kg	List Prices
		FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES PLEASE ENQUIRE		\$
		4" Suction Strainer Assemblies with 6444 'A' Base (Continued)		
6444-881000	6444-881	881	21.0	962.68
6444-882210	6444-88221	882-A Plastic 300mm/12" AV Cover	23.0	1,033.27
6444-882220	6444-88222	882-B- Cast bronze AV Cover	25.0	1,267.52
6444-883210	6444-88321	883-A Plastic 300mm/12" AV Cover	19.0	1,315.66
6444-883220	6444-88322	883-B- Cast bronze AV Cover	25.0	1,508.19
6444-000004	6444-4	ADD ON For Each Puddle Flange	5.2	577.61
6444-000005	6444-05	ADD ON For Each Membrane Clamp	1.8	208.58
6444-000006	6444-6	ADD ON For Each Liner Clamp	2.3	449.25
		ADD ON for 610mm / 24" Cast bronze Cover (Shallow Ponds)	20.0	1,444.01
		6" Suction Strainer Assemblies with 6446 'A' Base		
6446-841000	6446-841	841	24.0	1,042.90
6446-842210	6446-84221	842-A Plastic 355mm/14" AV Cover	29.0	1,139.17
6446-842220	6446-84222	842-B- Cast bronze AV Cover	37.0	1,427.97
6446-843210	6446-84321	843-A Plastic 355/14" AV Cover	32.0	1,427.97
6446-843220	6446-84322	843-B- Cast bronze AV Cover	41.0	1,662.22
6446-000004	6444-4	ADD ON For Puddle Flange	6.2	898.50
6446-000005	6444-05	ADD ON For Membrane Clamp	2.6	288.80
6446-000006	6444-6	ADD ON For Liner Clamp	3.4	641.78
		ADD ON for 610mm / 24" Cast bronze Cover (Shallow Ponds)	20.0	1,444.01
6446-881000	6446-881	881	36.9	1,235.43
6446-882210	6446-88221	882-A Plastic 355mm/14" AV Cover	41.1	1,331.70
6446-882220	6446-88222	882-B- Cast bronze AV Cover	45.0	1,620.50
6446-883210	6446-88321	883-A Plastic 355/14" AV Cover	43.7	1,620.50
6446-883220	6446-88322	883-B- Cast bronze AV Cover	47.0	1,909.31
6446-000004	6444-4	ADD ON For Each Puddle Flange	6.2	898.50
6446-000005	6444-05	ADD ON For Each Membrane Clamp	2.6	288.80
6446-000006	6444-6	ADD ON For Each Liner Clamp	3.4	641.78
		ADD ON for 610mm / 24" Cast bronze Cover (Shallow Ponds)	20.0	1,444.01
		8" Suction Strainer Assemblies with 6448 'A' Base		
6448-841000	6448-841	841	24.0	1,604.46
6448-842210	6448-84221	842-A Plastic 406mm/16" AV Cover	29.0	1,732.82
6448-842220	6448-84222	842-B- Cast bronze 406/16" AV Cover	40.0	2,021.62
6448-843210	6448-84321	843-A Plastic 406/16" AV Cover	34.0	2,101.84
6448-843220	6448-84322	843-B- Cast bronze 406/16" AV Cover	39.0	2,374.60
6448-000004	6444-4	ADD ON For Puddle Flange	16.8	1,861.17
6448-000005	6444-05	ADD ON For Membrane Clamp	3.2	385.07
6448-000006	6444-6	ADD ON For Liner Clamp	7.3	1,187.30
		ADD ON for 610mm / 24" Cast bronze Cover (Shallow Ponds)	20.0	1,444.01
6448-881000	6448-881	881	24.0	1,909.31
6448-882210	6448-88221	882-A Plastic 406mm/16" AV Cover	29.0	2,037.66
6448-882220	6448-88222	882-B- Cast bronze 406mm/16" AV Cover	42.0	2,310.42
6448-883210	6448-88321	883-A Plastic 406mm/16" AV Cover	34.0	2,406.69
6448-883220	6448-88322	883-B- Cast bronze 406mm/16" AV Cover	40.0	2,679.45
6448-000004	6444-4	ADD ON For Each Puddle Flange	16.8	1,861.17
6448-000005	6444-05	ADD ON For Each Membrane Clamp	3.2	385.07
6448-000006	6444-6	ADD ON For Each Liner Clamp	7.3	1,187.30
		ADD ON for 610mm / 24" Cast bronze Cover (Shallow Ponds)	20.0	1,444.01

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	Weight	Suggested
#	CAT.	POOL FITTINGS	Kg	List Prices
FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES PLEASE ENQUIRE				\$
Triangular (american size copper tube) Spray Ring Flanges				
650-0100	6501	Spray Ring Flange , 1 1/4"	0.6	191.37
650-0150	6501A	Spray Ring Flange , 1 1/2"	1.1	227.25
650-0200	6502	Spray Ring Flange , 3"	1.5	358.82
650-0300	6503	Spray Ring Flange , 3"	2.3	568.12
650-0400	6504	Spray Ring Flange , 4"	4.9	897.04
COPPER TUBE SPRAY BAR END CAPS				0.00
650-0520	6512	Copper Tube End Cup 2"	0.5	74.75
650-0530	6513	Copper Tube End Cup 3"	0.8	104.65
650-0540	6514	Copper Tube End Cup 4"	1.2	149.51
BRASS OFFSET BUSHINGS FOR SPRAY RING INLETS				
Specify Copper or Brass Spray Ring - To equalize top of inlet fitting & ring pipe				
650-1110	6515-1	Bull Head Tee, 1 1/2" + 2 x 1 1/4"	0.2	101.66
650-1120	6515-2	Bull Head Tee, 2" + 2 x 1 1/4"	0.3	134.56
650-1130	6515-3	Bull Head Tee, 2" + 2 x 1 1/2"	0.3	137.55
650-1140	6515-4	Bull Head Tee, 3" + 2 x 1 1/2"	0.8	200.34
650-1150	6515-5	Bull Head Tee, 3" + 2 x 2"	0.7	200.34
650-1160	6515-6	Bull Head Tee, 4" + 2 x 1 1/2"	1.5	430.58
650-1170	6515-7	Bull Head Tee, 4" + 2 x 2"	1.3	430.58
650-1180	6515-8	Bull Head Tee, 4" + 2 x 3"	1.1	430.58
650-1190	6515-9	Bull Head Tee, 6" + 2 x 2"	3.2	1,196.05
650-1200	6515-10	Bull Head Tee, 6" + 2 x 3"	2.9	1,196.05
650-1210	6515-11	Bull Head Tee, 6" + 2 x 4"	2.4	1,196.05
UNDERWATER SCAFFOLDING CLAMPS				
650-2210	6521	Stand Clamp 1" x 1" x 1"	1.5	239.21
650-2230	6523	Stand Clamp 3" x 1" x 1"	2.7	538.22
650-2310	6531	Cross Clamp 1" x 1" Copper Tube	0.9	224.26
650-2320	6531A	Cross Clamp 1" x 1" Pipe	0.9	224.26
BRONZE FLANGES ASA / BSP x COPPER TUBE				
650-3430	6543	Flange 2" ASA/BSP x 6" Diam. x 2" Copper Tube	2.6	421.61
650-3440	6544	Flange 2" ASA/BSP x 7" Diam. x 2" Copper Tube	2.7	421.61
650-3450	6545	Flange 2.5" ASA/BSP x 7.5" Diam. x 2.5" Copper Tube	5.9	487.39
650-3460	6546	Flange 3" ASA/BSP x 7.5" Diam. x 3" Copper Tube	6.7	541.21
650-3470	6547	Flange 3" ASA/BSP x 9" Diam. x 3" Copper Tube	1.2	520.28
650-3480	6548	Flange 4"ASA/BSP x 9" Diam. x 4" Copper Tube	2.5	897.04
BRONZE FLANGES ASA / BSP , PIPE SIZES				
650-3510	6551	Flange 2" x 6"		242.20
650-3520	6552	Flange 2.5" x 7"	4.1	358.82
650-3530	6553	Flange 3" x 7.5"	6.7	448.52
650-3540	6554	Flange 4" x 9"	10.3	538.22
650-3550	6555	Flange 6" x 11"	9.8	867.14
650-3560	6556	Flange 8" x 13"	17.3	2,332.30
SCHEDULE SIZE PVC x NPS/BSP CONVERSION BASES				
650-4200	6585	2" PVC x 2" Pipe	5.9	627.93
650-4210	6585	2"PVC x 2 Copper Tube	6.1	657.83
650-4300	6586	3"PVC x 3" Pipe	9.3	1,016.64
650-4310	6586A	3"PVC x 3" Copper Tube	9.6	1,016.64
650-4400	6587	6587,4"PVC x 4" Pipe	12.3	1,306.69
650-4410	6587	4"PVC x 4" Copper Tube	12.8	1,345.56
650-4600	6588	6" PVC x 6" Pipe	19.5	2,003.39
650-4610	6588	6"PVC x 6" Copper Tube	20.4	2,182.79
SPRAY THROUGH DECK FLANGE & DRAIN				
660-8600	6686	Spray Through Deck Flange & Drain	9.2	1,465.16

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	Weight	Suggested
610 & 670	CAT.	PUMP SUCTION STRAINERS	Kg	List Prices
		FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES PLEASE ENQUIRE		\$
		SUCTION STRAINER FOR 6090 / 6100 / 6110 & 6201 BASES (To be added to Strainer)		
610-6100	6224A	Coarse Suction Strainer 1335 cm2 / 207 Sq.Inch. Slip Fit	4.5	889.14
610-6150	6224-05	Coarse Suction Strainer 1335 cm2 / 207 Sq.Inch.Threaded Fit	4.5	953.80
610-6200	6224B	Fine Suction Strainer 1335 cm2 / 207 Sq.Inch. Slip Fit	4.9	989.37
610-6250	6224B-05	Fine Suction Strainer 1335 cm2 / 207 Sq.Inch.Threaded Fit	4.9	1,054.03
610-6300	6225A	Coarse Suction Strainer 2560 cm2 / 397 Sq.Inch. Slip Fit	5.7	1,018.47
610-6350	6225A-05	Coarse Suction Strainer 2560 cm2 / 397 Sq.Inch.Threaded Fit	4.9	1,083.13
610-6400	6225B	Fine Suction Strainer 2560 cm2 / 397 Sq.Inch. Slip Fit	4.9	1,196.30
610-6450	6225B-05	Fine Suction Strainer 2560 cm2 / 397 Sq.Inch.Threaded Fit	4.8	1,260.96
		SMALL BASKET SUCTION STRAINERS		
670-0310	71331-A	1 1/2" x 280mm x 203mm x 4.76mm x 35 L/min	8	340.23
670-0320	71331-B	1 1/2" x 280mm x 203mm x 2.62mm x 30 L/min	8	413.11
670-0330	71331-C	1 1/2" x 280mm x 203mm x 0.68mm x 15 L/min	8	413.11
670-0340	71332-A	2" x 280mm x 318mm x 4.76mm x 60 L/min	11.5	413.11
670-0350	71332-B	2" x 280mm x 318mm x 2.62mm x 50 L/min	11.5	461.74
670-0360	71332-C	2" x 280mm x 318mm x 0.68mm x 30 L/min	11.5	461.74
670-0370	71333-A	2.5" x 280mm x 318mm x 4.76mm x 60 L/min	11.5	498.18
670-0380	71333-B	2.5" x 280mm x 318mm x 2.62mm x 50 L/min	11.5	546.77
670-0390	71333-C	2.5" x 280mm x 318mm x 0.68mm x 30 L/min	11.5	546.77
		HEAVY DUTY CAST BRONZE STRAINER BASKETS, NPS/BSP		
670-1200	7162	2" x 203mm x 165mm x 8mm x 310 L/min	9.8	1,099.30
670-1300	7163	3" x 356mm x 200mm x 8mm x 570 L/min	26.2	2,909.91
670-1400	7164	4" x 356mm x 257mm x 8mm x 950 L/min	32.7	3,718.21
670-1600	7166	6" x 451mm x 375mm x 8mm x 1700 L/min	62.1	7,113.11
670-1800	7168	8" x 451mm x 559mm x 8mm x 5000 L/min	103	11,962.95
		BUDGET SUCTION STRAINERS, NPS/BSP w. ANTI VORTEX COVER PLATE (Strainer Orifices: 4.5 x 17mm)		
670-2200	7182	2", Square Cover 300mm, 216mm Dia.x 51mm Height	8.2	905.30
670-2210	7182-1	As above w.Puddle Flange	10.8	1,228.63
670-2220	7182-2	As above w.Mem.Clamp	8.9	1,002.30
670-2300	7183	3", Square Cover 300mm, 241mm Dia. x 76mm Height	12.3	1,357.96
670-2310	7183-1	As above w.Puddle Flange	15.8	1,778.28
670-2320	7183-2	As Above w.Mem.Clamp	13.9	1,551.95
670-2400	7184	4", Square Cover 457mm, 267 Dia. x 100mm Height	15.1	1,681.28
670-2410	7184-1	As above w.Puddle Flange	17.9	2,004.60
670-2420	7184-2	As Above w.Mem.Clamp	17.4	1,939.94
670-2600	7186	6", Square Cover 457mm, 318mm Dia. x 152mm Height	26.4	2,909.91
670-2610	7186-1	As above w.Puddle Flange	39.9	4,429.53
670-2620	7186-2	As Above w.Mem.Clamp	32.2	3,588.89
670-2800	7188	8", Square Cover 610mm, 380mm Dia. x 203mm Height	41.2	4,849.85
670-2810	7188-1	As above w.Puddle Flange	48	5,496.49
670-2820	7188-2	As Above w.Mem.Clamp	57	6,466.46
		STAR SUCTION STRAINERS (Set over 40mm stuppied up pipe in pool floor)		
670-8230	7281, A	Max. 4" Pipe, 170mm x 350mm x 4.76mm, 700 L/min	10	1,020.67
670-8240	7282, B	Max. 2" Pipe, 170mm x 350mm x 2.62mm, 200 L/min	10	1,092.41
670-8270	7285, A	Max. 5" Pipe, 320mm x 350mm x 4.76mm, 200 L/min	12	1,360.87
670-8280	7286, B	Max. 3" Pipe, 320mm x 350mm x 2.62mm, 600 L/min	12	1,895.51
670-8290	7287, C	Max. 3" Pipe, 320mm x 350mm x 0.686mm, 200 L/min	12	1,895.51
670-8330	7293, A	Max. 6" Pipe, 320mm x 600mm x 4.76mm, 4200 L/min	40	2,916.15
670-8340	7294, B	Max. 5" Pipe, 320mm x 600mm x 2.62mm, 1200 L/min	40	3,645.21
670-8350	7295, C	Max. 4"Pipe, 320mm x 600mm x 0.686mm, 600 L/min	40	3,645.21
670-8370	7297, A	Max. 10" Pipe, 630mm x 600mm x 4.76mm, 6600 L/min	50	3,645.21
670-8380	7298, B	Max. 6" Pipe, 630mm x 600mm x 2.62mm, 2300 L/min	50	4,374.24
670-8390	7299, C	Max. 5" Pipe , 630mm x 600mm x 0.686mm, 1200 L/min	50	4,503.57

SERIAL	PEM	WEB INDEX 10 - CATALOG SECTION 600	Weight	Suggested
#	CAT.	PUMP SUCTION & DISCHARGE FITTINGS	Kg	List Prices
		ENQUIRE FOR CUSTOM MADE 1 1/2 - 10" FITTING ASSEMBLIES		\$
		BRONZE DEFLECTED NPS / BSP DISCHARGE FITTINGS (Custom Made Only)		
670-1210	7162-1	2", Square 203mm x Custom Height	4.5 +/-	523.05
670-1310	7163-1	3", Square 356mm x Custom Height	19.8 +/-	1,989.53
670-1410	7164-1	4", Square 356mm x Custom Height	19.4 +/-	2,117.89
670-1610	7166-1	6", Square 451mm x Custom Height	32.2 +/-	3,722.35
670-1810	7168-1	8", Square 451mm x Custom Height	49.9 +/-	5,455.16
		BRONZE SQUARE FLOOR DRAIN		
670-3140	7214	4", 305mm x 305mm In Floor Grated Drain	17.3	1,604.46
670-3160	7216	6", 305mm x 305mm In Floor Grated Drain	18.9	1,764.91
670-3180	7218	8", 305mm x 305mm In Floor Grated Drain	21.1	1,925.35
670-3190	7219	10", 305mm x 305mm In Floor Grated Drain	24.3	2,085.80
		SHALLOW CAST BRONZE SQUARE SUCTION / DISCHARGE FITTINGS		
670-3340	7234	4", Square 356mm x 38mm Height	26.1	1,764.91
670-3360	7236	6", Square 356mm x 38mm Height	27.4	1,925.35
670-3380	7238	8", Square 356mm x 38mm Height	28.9	2,085.80
670-3390	7239	10", Square 356mm x 38mm Height	34.1	2,246.24
		SHALLOW CAST BRONZE SQUARE SUCTION / DISCHARGE FITTINGS, VALVED		
670-3540	7234-V	4", Square 356mm x 38mm Height	29.1	3,208.92
670-3560	7236-V,	6", Square 356mm x 38mm Height	34.2	3,786.53
670-3580	7238-V,	8", Square 356mm x 38mm Height	35.9	4,011.15
670-3590	7239-V,	10", Square 356mm x 38mm Height	43.8	5,455.16
		SHALLOW CAST BRONZE SQUARE SUCTION / DISCHARGE FITTINGS WITH LARGE COVER		
670-3640	7234A	4", Square 559mm x 44mm Height	38	5,134.27
670-3660	7236A	6", Square 559mm x 44mm Height	41	5,294.72
670-3680	7238A	8", Square 559mm x 44mm Height	45	5,615.61
670-3690	7239A	10", Square 559mm x 44mm Height	50	5,936.50
		CAST BRONZE. LOCKABLE SUCTION PIT ANTI VORTEX COVERS		
670-4420	7242	Sq.305mm x 22mm Height for 10"x10" Pit	5.6	673.87
670-4460	7246	Sq.59mm x 22mm Height for 17"x17" Pit	25.4	2,246.24
		SIDE CONNECTED SHALLOW POOL SUCTION FITTING		
670-5520	7252 ,2"	2" Into Pool Floor & Side Installation	15.4	1,283.57
670-5530	7253 ,3"	3" Into Pool Floor & Side Installation	14.9	1,283.57
670-5540	7254 ,4" (male)	4"(Male) Into Pool Floor & Side Installation	14.9	1,283.57
+ - 1	+ - 1	Opt. /-Stainless Steel Anti Vortex Cover	2.5	288.80
+ - 65-1	+ - 65-1	Opt. Sub Surface Flange	3.2	898.50
+ - 65-2	+ - 65-2	Opt .Sub Surface Membrane Clamp	4.6	1,444.01