



POE1 FILTRATION SYSTEM POE1 BASE

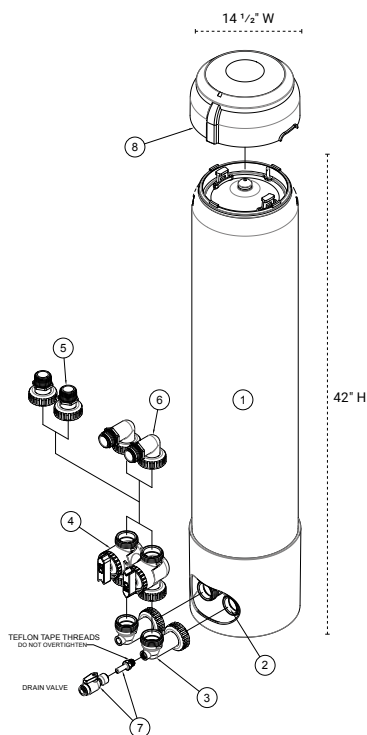


Vacuum breaker highly recommended on water line.

ORDERING INFORMATION

PART NO.	MODEL NO.	DESCRIPTION	CATEGORY	CASE QTY.	LENGTH	WIDTH	HEIGHT	WEIGHT
240090	POE1-S	Non-Metered Cartridge Base System with Protective Cover, Pressure Release Top Cap and 1" MNPT Bypass and Connection Kit with 3/8" Drain	Housing	1	14.5"	14.5"	42"	15.8 lb.
240100	CB03	3 Micron Carbon Block, High Capacity	Cartridge	1	6.125"	6.125"	32.5"	10.2 lb.
240101	PL5020	External 50 Micron Pleated Pre-Filter with 20 Micron Pleated Internal Filter	Cartridge	1	6.125"	6.125"	32.5"	3.7 lb.
240102	SW2005	External 20 Micron String Wound Pre-Filter with 5 Micron Meltblown Core	Cartridge	1	6.125"	6.125"	32.5"	7.1 lb.
240103	POE1-AS	Scale and Hardness Reduction Cartridge, Up To 12GPM Peak Service Flow Rates and 25 Grain Hard Water	Cartridge	1	6.125"	6.125"	32.5"	9.52 lb.

TECHNICAL SCHEMATICS



PART IDENTIFICATION

1. Point of Entry Filter / Housing
2. In/Out Head for 1.050" Riser Pipe
3. 90 Degree Vertical Elbow With/without Machined Drain Port
4. Bypass Manifold
5. 1" MNPT Straight Connector
6. 1" MNPT 90 Degree Elbow Connector
7. 3/8" PEX Drain Valve Kit Assembly With Shut-off
8. PCB Cover

SPECIFICATIONS

Maximum Effective Treatment Flow Rate	150 GPM
Minimum Operating Temperature	34°F / 1°C
Maximum Operating Temperature	120°F / 50°C
Minimum Operating Pressure	20psig / 1.38 bar
Maximum Operating Pressure	125psig / 8.6 bar
Plumbing Connections	1" MNPT

Performance claims are based on independent lab results and manufacturer's internal test data. Actual performance is dependent on influent water quality, flow rates, system design and applications. Your results may vary. Micron ratings based on 85% or greater removal of a given particle size. Flush new cartridges until water runs clear prior to use. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

MODULAR & EXPANDABLE SYSTEM DESIGN



The flexible connections and small footprint of the POE1 Base make it well suited to creating configurations using multiple bases. Combine any combination of our Carbon, Pleated, String, and Scale filter cartridges to tailor the system to apply to multiple water problems.

APPLICATIONS

- ▶ Ideal for residential, food service, rental fleets, commercial and industrial applications
- ▶ Make-up water, RO pre-filtration, cooling towers, chill water loops
- ▶ Process water (turbidity, particulate, colloidal suspensions)
- ▶ Reduction in frequency of replacing common 2½" or 4½" housings (bigger is better)

REPLACEMENT PARTS

PART NO.	MODEL NO.	DESCRIPTION	CASE QTY.
240200	POE1-IO1.5	In/Out Head For 1.050" Riser Pipe	1
240201	POE1-90DRAIN	90 Degree Vertical Elbow With/Without Machined Drain Port (2 Parts Per Set)	2
240202	POE1-BYPASS	Bypass Manifold	1
240203	POE1-STRAIGHT	1" MNPT Straight Connector (2 Parts Per Set)	2
240204	POE1-ELBOW	1" MNPT 90 Degree Elbow Connector (2 Parts Per Set)	2
240205	POE1-38DRAIN	3/8" PEX Drain Valve Kit Assembly With Shut-Off	1
240206	POE1-PROCAP	Protective Cap For Base	1
240207	POE1-IOFA	Filter Adaptor Connection Used With In/Out Head 1050	1



Rusco is a leading manufacturer of high quality, efficient, water sediment filtration products and accessories. Rusco filters are available throughout the United States and in many major international locations. We strive to always exceed our customers' expectation of quality and service, and to provide the most effective solutions.

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Revised: 6/24