



Paddock Regenerator™

Environmental Regenerative Filter



The Paddock **Regenerative Filter** provides a resource conserving solution. Utilizing a system of filter-aid regeneration and an innovative filter element called the Flex-Tube™, the Paddock **Regenerative Filter System** provides unparalleled water clarity and remarkable operating efficiency. Most reliable, stainless steel and cost effective regenerative filter in commercial pool market when considering life of facility investment on equipment. Contact Paddock on how to size regenerative filter to your specific facility.

Benefits:

- § Best available regenerative technology through reliable automation for over 45 years
- § Reduces operating costs by increasing filter run lengths per media charge. Conserve water, thermal heat loss, chemical loss and power usage due to increased filter run lengths
- § Provides superior water clarity using either Diatomaceous Earth (DE) or Perlite media
- § Filters are designed to run at full filtration range with minimal loss of effectiveness
- § True ASME flanged and dished head for superior flow collection / distribution in the filter top end
- § Maximum 36" element length. Conservative design limits rise rate and prolongs elements life
- § Head, body, internals, and other type 304 ELC stainless steel are fully passivated following fabrication to Federal Specification QQ-P-36D, (excludes fasteners)
- § Element cores are low carbon stainless steel, fully annealed and passivated to Federal Specifications QQ-P-35D
- § Double boot mechanism for extra air capacity to assist in more active regeneration and better pre-coat mixing of media
- § This regenerative filter is a **GREEN SYSTEM** and lends itself well for **LEED** accreditation



PADDOCK

EMPLOYEE OWNED SINCE 2019

PPEC REGENERATOR FILTER COMPONENTS

Included in Regenerator Pkg

Item	Name
R1	PPEC Regenerator Filter
R2	Pneumatic On-Stream Valve
R3	Pneumatic Precoat Valve
R4	Precoat Fill Valve
R5	Flow Meter
R6	Control Panel
R7	Bump Assembly
R8	Vacuum Transfer Pump
R9	Drain Valve

Optional Filter Accessories

F10	Check Valve
F11	Valve
F12	Strainer
F13	Reducing Precoat Tee
F14	Pump (not by PPEC)
F15	Reducer
F16	Air Compressor
F17	Auto Air Bleed
F18	Receiver Tank
F19	Air Dryer
F20	Air Line
F21	VFD
F22	Air Bleed (not by PPEC)



REGENERATOR FILTER SCHEMATIC

Drain Requirements:

- Gravity drainage of filter is needed to properly waste heavily laden media.
- Slop drainage pipe away from filter, terminating in an open sump/sewer connection. (Check local codes for air-break requirements and media discharge containment.)
- Filter drainage rate is controlled at approximately 50 GPM. Ideally, drainage plumbing should be designed for 500 GPM, providing adequate run-off capacity in case of operator error.
- If sewer is higher than the filter drain, a gravity sump with a sump pump to lift the waste the sewer is required. Match sump to filter volume notated on attached chart.

Electrical Requirements:

- The Control Panel requires a dedicated 120V 20-amp circuit.
- VFD - 2 pairs of 22/4 or 18/4 shielded wire for interface (single conduit)
- UV System, Chemical Controller, Heater, Dehumidification - 22/4 or 18/4 shielded wire for interface (single conduit per unit)
- Flow Meter - 22/4 or 18/4 shielded wire from meter to MOD1 control box(single conduit)
- All panel penetrations should be made on the sides or bottom of panel.
- The filter & all other equipment need to be bonded.

Filter Location:

- Side clearance of three feet should be provided around the filter to allow for operator access.
- Minimum clearance over the filter is 13", more clearance improves service access.
- Provide a mount point(one-ton minimum safe load) above the filter to facilitate head removal.
- Typical clearance underneath the filter (measured from face of drain flange to floor) is 14".

Flow Meter Installation Location:

- The flow meter should be installed on the straight run of pipe into the influent connection between the pump and the filter (allows flow to be monitored through the pre-coat & on-stream cycles).
- The flow meter requires a distance of 20x the pipe diameter before and 5x the pipe diameter after.

Air Supply:

- The PPEC Regenerative filters require a continuous supply of dry 80 PSI air to operate 2 pneumatic valves & a pneumatic "bump" mechanism.
- Multiple filters may require multiple compressors/receivers.
- Air lines should be Ø3/4" braided 300 PSI hose or ¼" copper.
- Do not heat fittings within 2' of filter connection, direct heat can damage regulator components.
- An air dryer may be installed and plumbed between the air supply and the filter. This will help pull any remaining moisture out before it reaches the filter. By-Pass valve to be provided with dryer.

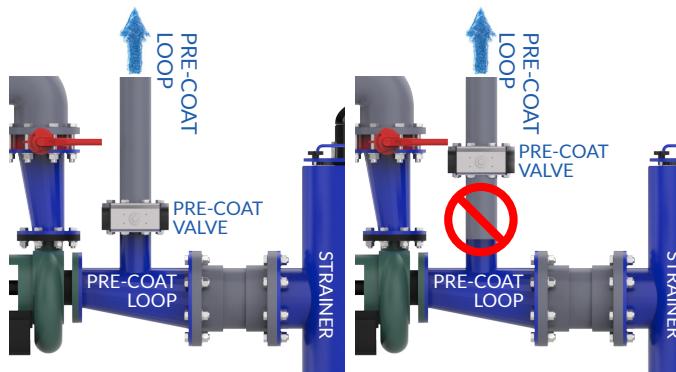
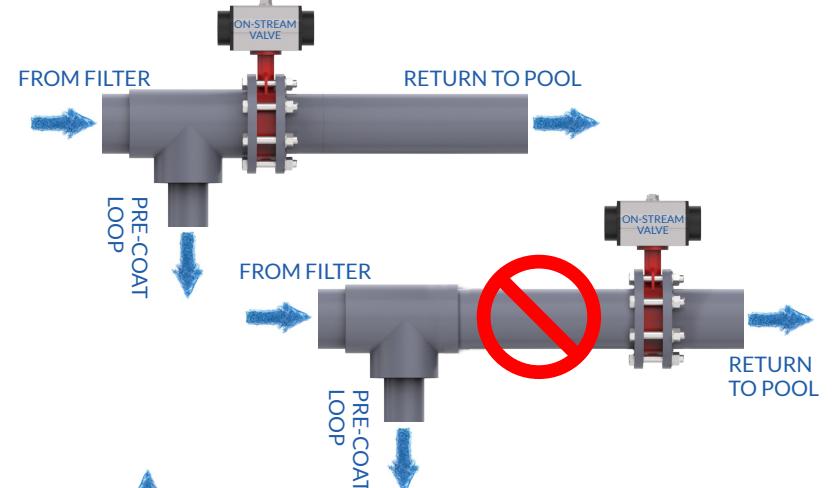


Plumbing Design Guidelines:

- The PPEC Regenerator filters will operate efficiently above or below pool level. A check valve is needed either in front of the pump strainer or between the pump strainer & pre-coat tee. If the pump is below water level a check valve is suggested above the pump discharge as well.
- Efficient filter operation requires a minimum 5' straight run of pipe going into the influent connection. Refer to flow meter location for more information.
- Reduce the number of fittings and plane changes between the pump discharge and the filter.
- Use sweeping 90's or two 45's to decrease turbulence if 5' straight run is not possible.
- Any increase or reduction in piping size should be done as close to the pump discharge as possible.

On-Stream Valve Location:

- Locate valve actuator to allow operator to view valve status, do not mount below pipe.
- Install On-Stream Valve with a spigot flange to decrease the area prior to the valve to prevent media build-up. This reduces media returning to the pool.



Pre-coat Valve Location:

- The pre-coat valve should be installed as close as possible to the pre-coat tee between the pump and strainer. If this is not done, the resulting entrained air can be pushed into the filter and cause media separation which will result in media getting into the pool.
- The pre-coat line and valve are one significant pipe size smaller than the filter connections.

Filter Media Selection:

- Regenerators are NSF approved for diatomaceous earth (DE)* or perlite filter media.
- PPEC provides PF-60 perlite media

*PPEC's preferred media

Air Lines to Valves:

- Pneumatic valves should be connected to their respective control solenoid located on the right side of the filter control mounting bracket (top is on-stream, bottom of pre-coat) using ¼" x 0.04" wall nylon or poly tubing.
- Speed control set screws for valves are located on the front of the solenoid, adjust to a 3-5 sec open & closure rate.

High Vent Air Bleed:

- Must be installed at the highest point in the return line between filter effluent & the on-stream valve to prevent entrained air from re-circulation.
- If the air bleed is improperly installed it could result in decreased filter performance.



Model #	Width (inches) "A"	Overall & Shipping Height (inches) "B"	Tank Influent Connection (inches) "C"	Max Design Filtration Rate (GPM/ft ²)**	Effective Filtration (Area/sq.ft.)	Design Flow Range (gpm)	Tank Volume (gals)	PreCoat Perlite (lbs)	PreCoat (+) DE (lbs)	Operating Weight (lbs)	Shipping Weight (lbs)	Drain Connection (Nom. Pipe Size)	Tank Connection (Nom. Pipe Size)	Minimum Sump Size (gals)	Compressor / Receiver Tank Sizes (gals)
PPEC 225S	27.00	86.75	24.00	1.60	208.7	212-335	129	26	50	1500	1025	4	4	100	60 / N/A
PPEC 350S	33.00	88.25	24.44	1.60	351.2	337-565	244	41	79	2600	1300	4	6	165	60 / N/A
PPEC 500S	39.50	92.48	25.88	1.60	519.4	528-835	291	65.5	126	4250	1750	4	6	225	60 / N/A
PPEC 700S	45.00	96.69	28.25	1.60	707.3	719-1138	396	82	158	4800	2200	4	8	390	60 / N/A
PPEC 900S	50.63	104.19	30.13	1.60	819.0	819-1310	496	95	190	6000	2750	4	8	446	60 / N/A
PPEC 1275	51.00	103.63	30.81	1.60	935.8	950-1505	525	109	210	6500	3100	4	8	670	60 / 30
PPEC 1400S	58.63	107.69	32.63	1.60	1141.0	1141-1825	721	135	260	9900	4100	4	10	810	60 / 30
PPEC 2100	63.50	116.49	34.19	1.60	1538.8	1560-2490	890	182	350	11600	5800	4	10	960	60 / 30

**Contact manufacturer for assistance in proper plumbing layout.

(+) Preferred Media

REGENERATOR DESIGN BEST PRACTICES

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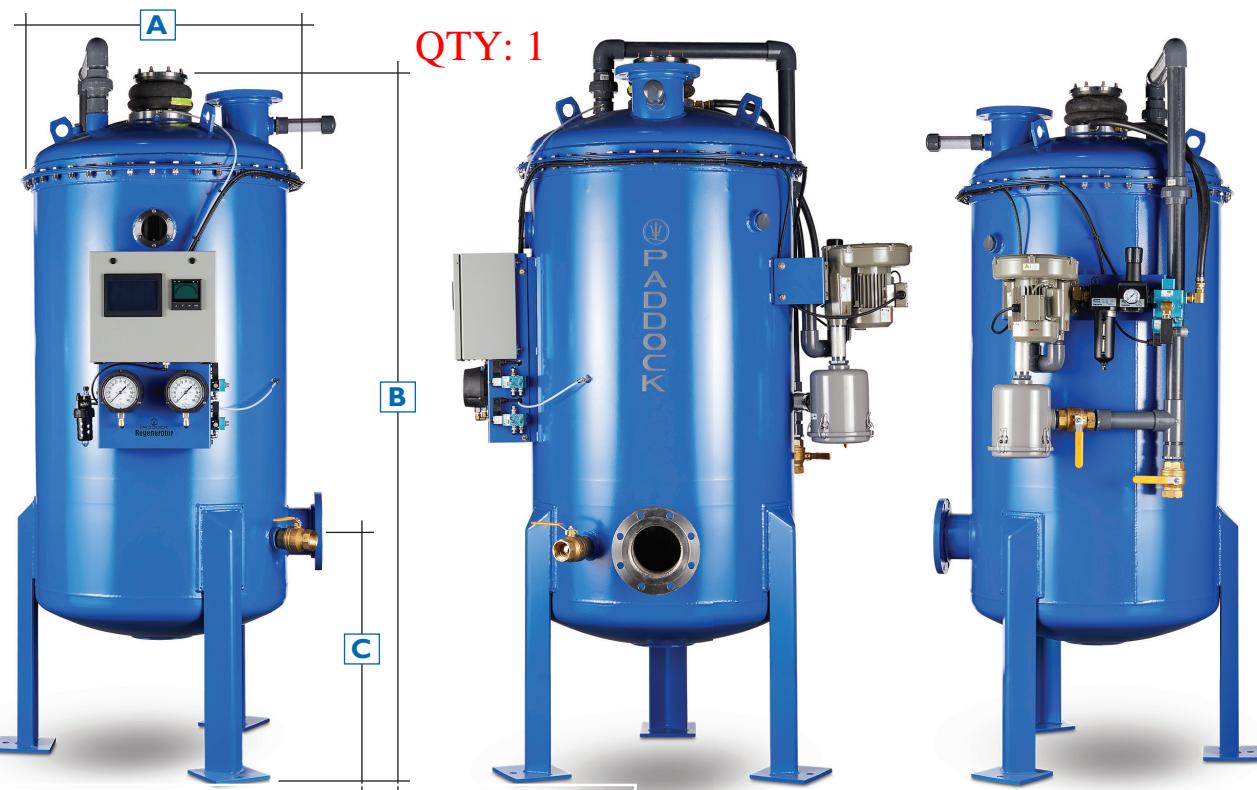
Regenerator™

Environmental Regenerative Filter



FEATURES

- Stainless Steel Components
- No Backwashing
- Fully Automated System with Manual Override Options Available
- Small Footprint in Equipment Room
- Integration with VFD and other secondary components
- True ASME Domed Head for Enhanced Hydraulics
- Double Convoluted Boot Mechanism for Superior Regeneration
- ROI on Heat, Water, & Chemical Loss
- 4" Drain Connection on All Series



QTY: 1

For Maintenance & Service add 2' (ft) Clearance to "B"

Regenerator Model #	Width 'A'	Overall Height 'B'	Tank Influent Connection 'C'	Maximum Design Filtration*	Effective Filtration Area	Flow Range	Tank Volume	PreCoat Perlite	PreCoat Diatomaceous Earth (DE)**	Operating Weight	Shipping Weight	Precoat Piping	Tank Connection Influent & Effluent
Unit	Inches	Inches	Inches	GPM/FT ²	FT ²	GPM	Gallons	Pounds	Pounds	Pounds	Pounds	Ø, Inches	Ø, Inches
PPEC 225S*	27.00	89.750	23.438	1.60	208.7	212 - 335	129	26.0	50	1500	1025	3	4
PPEC 350S*	33.00	90.188	24.469	1.60	351.2	337 - 565	244	41.0	79	2600	1300	4	6
PPEC 500S*	39.50	95.500	27.500	1.60	519.4	528 - 835	291	65.5	126	4250	1750	4	6
PPEC 700S*	45.00	98.031	28.313	1.60	707.3	719 - 1138	396	82.0	158	4800	2200	6	8
PPEC 900S*	50.63	104.344	30.125	1.60	819.0	819 - 1310	496	95.0	190	6000	2750	6	8
PPEC 1275*	51.00	105.563	29.063	1.60	935.8	950 - 1505	525	109.0	210	6500	3100	6	8
PPEC 1400S*	58.63	109.688	32.688	1.60	1141.0	1141 - 1825	721	135.0	260	9900	4100	8	10
PPEC 2100*	63.50	116.938	34.250	1.60	1538.8	1560 - 2490	890	182.0	350	11600	5800	8	10

*Contact Manufacturer for assistance in proper plumbing layout

**Preferred Media

Drain Connection Note: All models have a 4" drain connection.

REV 2021.07.08

Available in a variety of wetted materials and ideal for pipe sizes up to DN900 (36 in.)



Blind Version



The Signet 2551 Magmeter is an insertion style magnetic flow sensor that features no moving parts. The patented* sensor design is available in corrosion-resistant materials to provide long-term reliability with minimal maintenance costs. Material options include PP with stainless steel, PVDF with Hastelloy-C, or PVDF with Titanium. Utilizing the comprehensive line of Signet installation fittings, sensor alignment and insertion depth is automatic. These versatile, simple-to-install sensors deliver accurate flow measurement over a wide dynamic range in pipe sizes ranging from DN15 to DN900 (½ to 36 inches), satisfying the requirements of many diverse applications.

Signet 2551 Magmeters offer many output options of frequency/digital (S³L) or 4 to 20 mA which are available on both the blind and display versions. The frequency or digital (S³L) sensor output can be used with Signet's extensive line of flow instruments while the 4 to 20 mA output can be used for a direct input to PLCs, chart recorders, etc. Both the 4 to 20 mA output and digital (S³L) sensor interface is available for long distance signal transmission. An additional benefit is the empty pipe detection which features a zero flow output when the sensors are not completely wetted. Also, the frequency output is bi-directional while the 4 to 20 mA output can be set for uni- or bi-directional flow using the display or the 3-0250 USB to Digital (S³L) Configuration/ Diagnostic setup tool which connects to PCs for programming capabilities.

In addition the display version of the 2551 Magmeter is available with relays and features permanent and resettable totalizer values which can be stored and seen on the display. Also, the display contains multi-languages with English, Spanish, German, French, Italian and Portuguese menu options.

Features

- Test certificate included for -X0, -X1
- Patented Magmeter technology*
- No moving parts
- Bi-directional flow
- Empty pipe detection
- Installs into pipe sizes DN15 to DN900 (0.5 to 36 in.)
- Operating range 0.05 to 10 m/s (0.15 to 33 ft/s)
- Accurate measurement even in dirty liquids
- Polypropylene or PVDF retaining nuts
- Blind 4 to 20 mA, digital (S³L), frequency, relay output
- No pressure drop
- Corrosion resistant materials; PP or PVDF with SS, Hastelloy-C, or Titanium
- Multi-language display menu available



Certified to
NSF/ANSI 61 & 372

(3-2551-PX-XX
version only)

Applications

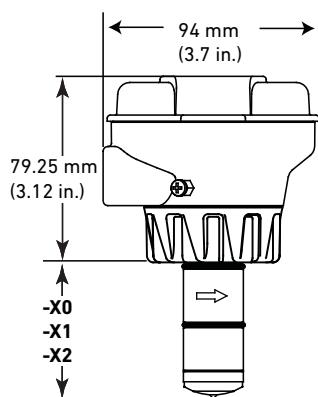
- Chemical Processing
- Water and Wastewater Monitoring
- Metal Recovery and Landfill Leachate
- Commercial Pools, Spas, and Aquariums
- HVAC
- Irrigation
- Scrubber Control
- Neutralization Systems
- Industrial Water Distribution

Dimensions

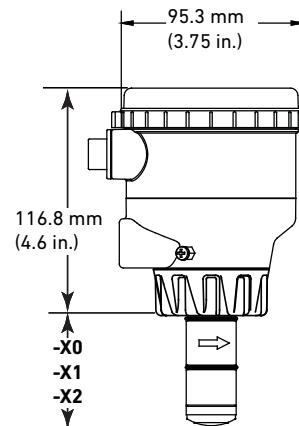
Pipe Range	
1/2 to 4 in.	-X0 = 58 mm (2.3 in.)
5 to 8 in.	-X1 = 91 mm (3.6 in.)
10 to 36 in.	-X2 = 167 mm (6.6 in.)

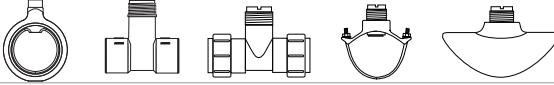
X = Sensor Body P, T, or V

Blind version



Display version



System Overview	Stand-Alone	Panel Mount	Field Mount - Pipe, Tank, Wall	4 to 20 mA Input
	Signet Model 2551 Magmeter 	Signet Instruments 8550 8900 9900 9900-1BC  	Signet Instruments 8550 9900 with 3-8050 Universal Mount Kit  + 	Customer Supplied Chart Recorder or Programmable Logic Controller  OR 
		Signet 2551 Magmeter 		
	Signet Fittings 			All sold separately

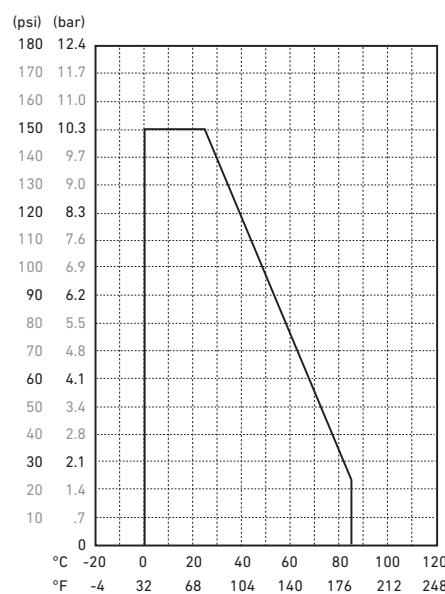
Operating Temperature/Pressure Graphs

Note:

The pressure/temperature graphs are specifically for the Signet sensor. During system design the specifications of all components must be considered. In the case of a metal piping system, a plastic sensor will reduce the system specification. When using a PVDF sensor in a PVC piping system, the fitting will reduce the system specification.

Application Tips

- Note minimum process liquid conductivity requirement is 20 $\mu\text{s}/\text{cm}$.
- Install sensor using standard Signet installation fittings for best results.
- Sensor is capable of retrofitting into existing 515 and 2536 fittings.

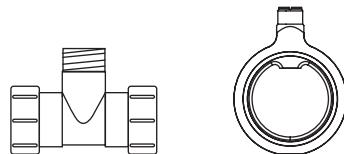
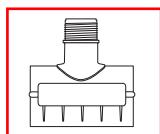
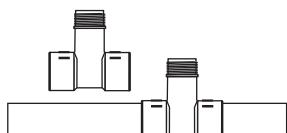


Please refer to Wiring, Installation, and Accessories sections for more information.

Specifications

General		
Operating Range	0.05 to 10 m/s	0.15 to 33 ft/s
Pipe Size Range	DN15 to DN900	½ in. to 36 in.
Linearity	± 1% reading plus 0.1% of full scale	
Repeatability	±0.5% of reading @ 25 °C (77 °F)	
Minimum Conductivity	20 µS/cm	
Wetted Materials		
Sensor Body/Electrodes and Grounding Ring	-P0, -P1, -P2: PP/316L SS -T0, -T1, -T2: PVDF/Titanium -V0, -V1, -V2: PVDF/Hastelloy-C	
O-rings	FPM (standard) EPR (EPDM), FFFPM (optional)	
Case	PBT	
Display Window	Polyamide (transparent nylon)	
Protection Rating	NEMA 4X/IP65	
Electrical		
Power Requirements	4 to 20 mA Frequency Digital (S ³ L)	24 VDC ±10%, regulated, 22.1 mA max. 5 to 24 VDC ±10%, regulated, 15 mA max. 5 to 6.5 VDC, 15 mA max.
Auxiliary (only required for units with relays)		9 to 24 VDC, 0.4 A max.
Reverse Polarity and Short Circuit Protected		
Current Output 4 to 20 mA	Loop Accuracy Isolation Maximum Cable Error condition Max. Loop Resistance Compatible with PLC, PC or similar equipment 4 to 20 mA load needed	32 µA max. error (25 °C @ 24 VDC) Low voltage < 48 VAC/DC from electrodes and auxiliary power 300 m (1000 ft) 22.1 mA 300 Ω 4 to 20 mA load needed
Frequency Output	Output Modes Max. Pull-up Voltage Max. Current Sink Maximum Cable Compatible with Signet Model 8550, 8900, 9900, 9900-1BC	Freq., or Mirror Relay (display version only) 30 VDC 50 mA, current limited 300 m (1000 ft) Compatible with Signet Model 8550, 8900, 9900, 9900-1BC
Digital (S ³ L) Output	Serial ASCII, TTL level 9600 bps Compatible with Model Signet 8900 controller	
Relay Specifications		
#1, #2 Type	Mechanical SPDT	
Rating	5 A @ 30 VDC max., 5 A @ 250 VDC max.	
#3 Type	Solid State	
	50 mA @ 30 VDC, 50 mA @ 42 VAC	
Hysteresis	User adjustable for exiting alarm condition	
Alarm On Trigger Delay	Adjustable (0 to 9999.9 sec.)	
Relay Modes	Off, Low, High, Window, and Proportional Pulse	
Relay Source	Flow Rate, Resettable Totalizer	
Error Condition	Selectable; Fail Open or Closed	
Display		
Characters	2 x 16	
Contrast	User-set in four levels	
Backlighting (only on relay versions)	Requires external 9-24 VDC, 0.4 mA max.	
Max. Temperature/Pressure Rating		
Storage Temperature	-20 °C to 70 °C	-4 °F to 158 °F
Relative Humidity	0 to 95% (non-condensing)	
Operating Temperature	Ambient Media	-10 °C to 70 °C 0 °C to 85 °C
Maximum Operating Pressure		10.3 bar @ 25 °C 1.4 bar @ 85 °C
		150 psi @ 77 °F 20 psi @ 185 °F
Environmental		
		NEMA 4X / IP65 Enclosure (with cap installed)
Shipping Weight		
	0.680 kg	1.50 lb
Standards and Approvals		
		CE, FCC, UL, CUL, NSF (3-2551-PX-XX version only) RoHS compliant, China RoHS Manufactured under ISO 9001 for Quality and ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety

Calibration Data: K-Factors and Full Scale Current Values



Plastic Installation Fittings: PVC Tees and Saddles

Pipe Size (In.)	Fitting Type	K-Factor Gallons	K-Factor Liters	20 mA= in GPM	20 mA= in LPM
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SCH 80 PVC-U TEES FOR SCH 80 PVC PIPE

1/2	MPV8T005	2277.0	601.58	13.1	49.6
3/4	MPV8T007	1407.6	371.90	20.97	79.38
1	MPV8T010	861.17	227.52	34.21	129.5
1 1/4	MPV8T012	464.91	122.83	67.1	253.99
1 1/2	MPV8T015	331.43	87.56	92.54	350.25
2	MPV8T020	192.89	50.96	145.15	549.38

SCH 80 PVC TEES FOR SCH 80 PVC PIPE

2 1/2	PV8T025	131.46	34.73	228.2	863.74
3	PV8T030	82.52	21.80	363.55	1376.04
4	PV8T040	44.78	11.83	669.88	2535.49

SCH 80 PVC TEES FOR SCH 80 CPVC PIPE

1/2	MCPV8T005	2277.0	601.58	13.18	49.87
3/4	MCPV8T007	1407.6	371.90	21.31	80.67
1	MCPV8T010	861.17	227.52	34.84	131.86
1 1/4	MCPV8T012	464.91	122.83	64.53	244.24
1 1/2	MCPV8T015	331.43	87.56	90.52	342.62
2	MCPV8T020	192.89	50.96	155.53	588.70

SCH 80 PVC SADDLES FOR SCH 80 PVC PIPE

2	PV8S020	193.83	51.21	154.77	585.81
2 1/2	PV8S025	138.01	36.46	217.38	822.78
3	PV8S030	83.89	22.16	357.62	1353.60
4	PV8S040	40.88	10.80	733.88	2777.74
6	PV8S060	22.53	5.95	1331.85	5041.06
8	PV8S080	12.52	3.31	2395.41	9066.64
10	PV8S100	7.94	2.10	3778.75	14302.57
12	PV8S120	5.71	1.51	5256.69	19896.57

SCH 80 PVC SADDLES FOR SCH 40 PVC PIPE

2	PV8S020	180.01	47.56	166.66	630.81
2 1/2	PV8S025	123.72	32.69	242.49	917.82
3	PV8S030	75.81	20.03	395.71	1497.76
4	PV8S040	41.87	11.06	716.56	2712.19
6	PV8S060	19.71	5.21	1521.92	5760.46
8	PV8S080	11.73	3.10	2558.12	9682.50
10	PV8S100	7.43	1.96	4037.60	15282.3
12	PV8S120	5.23	1.38	5734.87	21706.48

Plastic Installation Fittings for Metric Pipes:

Polypropylene True Union Tees and Wafers
PVDF True Union Tees, PVC True Union Tees

Pipe Size (Metric)	Fitting Type	K-Factor Gallons	K-Factor Liters	20 mA= in GPM	20 mA= in LPM
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POLYPROPYLENE FITTINGS (DIN/ISO, BS, ANSI)

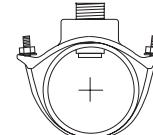
DN15	PPMT005	2192.73	579.32	13.68	51.78
DN20	PPMT007	1327.81	350.81	22.59	85.52
DN25	PPMT010	737.16	194.76	40.70	154.04
DN32	PPMT012	453.46	119.81	66.16	250.41
DN40	PPMT015	275.03	72.66	109.08	412.86
DN50	PPMT020	164.17	43.35	182.74	691.66

PVDF FITTINGS (DIN/ISO, BS, ANSI)

DN15	SFMT005	1946.49	514.26	15.41	58.34
DN20	SFMT007	1158.05	305.96	25.91	98.05
DN25	SFMT010	749.09	197.91	40.05	151.58
DN32	SFMT012	439.51	116.12	68.26	258.36
DN40	SFMT015	248.93	65.77	120.52	456.16
DN50	SFMT020	146.85	38.80	204.30	773.26

PVC FITTINGS (DIN/ISO, BS, ANSI)

DN15	PVMT005	2067.76	546.30	14.51	54.91
DN20	PVMT007	1136.61	300.29	26.39	99.90
DN25	PVMT010	716.52	189.31	41.87	158.47
DN32	PVMT012	446.07	117.85	67.25	254.56
DN40	PVMT015	278.83	73.67	107.59	407.23
DN50	PVMT020	159.36	42.10	188.26	712.55



Metal Installation Fittings

Iron Saddles

Pipe Size (In.)	Fitting Type	K-Factor Gallons	K-Factor Liters	20 mA= in GPM	20 mA= in LPM
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SCH 80 IRON SADDLE ON SCH 80 PIPE

2	IR8S020	194.85	51.48	153.96	582.75
2 1/2	IR8S025	142.28	37.59	210.86	798.10
3	IR8S030	87.53	23.13	342.72	1297.20
4	IR8S040	40.62	10.73	738.58	2795.54
5	IR8S050	29.28	7.74	1024.43	3877.48
6	IR8S060	22.30	5.89	1345.58	5093.03
8	IR8S080	12.52	3.31	2395.41	9066.64
10	IR8S100	7.94	2.10	3778.75	14302.57
12	IR8S120	5.65	1.49	5311.45	20103.83

SCH 80 IRON SADDLE ON SCH 40 PIPE

2	IR8S020	185.35	48.97	161.85	612.61
2 1/2	IR8S025	127.47	33.68	235.36	890.83
3	IR8S030	76.62	20.24	391.54	1481.99
4	IR8S040	40.23	10.63	745.72	2822.57
5	IR8S050	27.32	7.22	1098.24	4156.83
6	IR8S060	19.71	5.21	1521.92	5760.46
8	IR8S080	11.61	3.07	2584.23	9781.30
10	IR8S100	7.36	1.94	4078.8	15438.2
12	IR8S120	5.18	1.37	5793.39	21927.98

PADDOCK DEMINERALIZING COMPOUND

QTY: 1

PRECAUTIONARY INFORMATION

Avoid contact with eyes or skin. The use of safety goggles, rubber gloves and dust mask is recommended when handling this product.

CONTAINS

Citric Acid
Methyl Red Hydrochloride

CAS

77-92-9
439-52-7

EYES: Do not wear contact lenses when working with this material. Flush immediately with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of entire eye surface.
SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN: Wash with soap and water. If irritation develops, SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION: If swallowed, induce vomiting by sticking finger down throat. Drink large quantities of water. NEVER give anything by mouth to an unconscious person.
SEEK MEDICAL ATTENTION IMMEDIATELY.

For Technical Support call 1-800-849-2729

NET CONTENTS: 50 LBS.

Paddock Regenerator™ Environmental Regenerative Filter



PADDOCK DEGREASING CONCENTRATE

QTY: 1

PRECAUTIONARY INFORMATION

Avoid contact with eyes or skin. The use of safety goggles, and rubber gloves is recommended when handling this product.

CONTAINS

Sodium Metasilicate
Sodium Carbonate
Ethoxylated Alcohols, C9-C11
Na-A-Zeolite

CAS

6834-92-0
497-19-8
68439-46-3
68989-22-0

EYES: Flush immediately with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of entire eye surface.
SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN: Wash with water. If irritation develops, SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION: If swallowed, DO NOT induce vomiting. Drink large quantities of water. If available, drink several glasses of milk. NEVER give anything by mouth to an unconscious person. SEEK MEDICAL ATTENTION IMMEDIATELY.

For Technical Support call 1-800-849-2729

NET CONTENTS: 50 LBS.

Paddock Regenerator™ Environmental Regenerative Filter



**# 4ME98 - Electric Air Compressor: 5 hp, 1 Stage, Vertical, 60 gal Tank,
14.2 cfm, Splash Lubricated**



QTY: 1

PN210021

Auto Drain Valve

PN210024

.5 HP, 60 gal., Vertical Splash Lubricated
Tank Mounted Electric Air Compressor

14.2

.Item # **4ME98**

Mfr. Model #4ME98

ITEM	ELECTRIC AIR COMPRESSOR	DUTY CYCLE	INTERMITTENT
LUBRICATION TYPE	SPLASH LUBRICATED	THERMAL PROTECTION	YES
AIR TANK STYLE	VERTICAL	SOUND LEVEL	85 dBA
Number of stages	1	INCLUDES	MANUAL DRAIN VALVE, OIL SIGHT GLASS, PRESSURE GAUGE, PRESSURE SAFETY VALVE
OUTPUT POWER	5 HP	CYLINDER MATERIAL	CAST IRON
FREE AIR FLOW RATE @ MAXIMUM PRESSURE	14.2 CFM	FINISH	POWDER COATED
MAXIMUM OPER. PRESSURE	135 PSI	ASME TANK	YES
AIR TANK SIZE	60 GAL	CONTROL TYPE	PRESSURE SWITCH
INPUT VOLTAGE	208-240V AC, 480V AC	ON PRESSURE SWITCH SETTING	105 PSI
PHASE	THREE	OFF PRESSURE SWITCH SETTING	140 PSI
FREQUENCY	60Hz	INLET SIZE	¾ IN
COMPRESSOR PACKAGE TYPE	BASE MODEL	OUTLET SIZE	¾ IN
PUMP STYLE	SIMPLEX	OUTLET TYPE	NPT
PUMP TYPE	RECIPROCATING	OUTLET GENDER	FEMALE
PUMP LOCATION	TOP MOUNT	OVERALL LENGTH	23 IN
PUMP OIL CAPACITY	40 FLOZ	OVERALL WIDTH	31 IN
MOTOR TYPE	OPEN DRIPPROOF	OVERALL HEIGHT	71 IN
CURRENT RATING	13.4 TO 13.2 A, 6.6 A	STANDARDS	ASME APPROVED, CSA, CALIFORNIA CODE 462(L)(2), UL LISTED, UL1450
MAXIMUM SPEED	950 RPM		