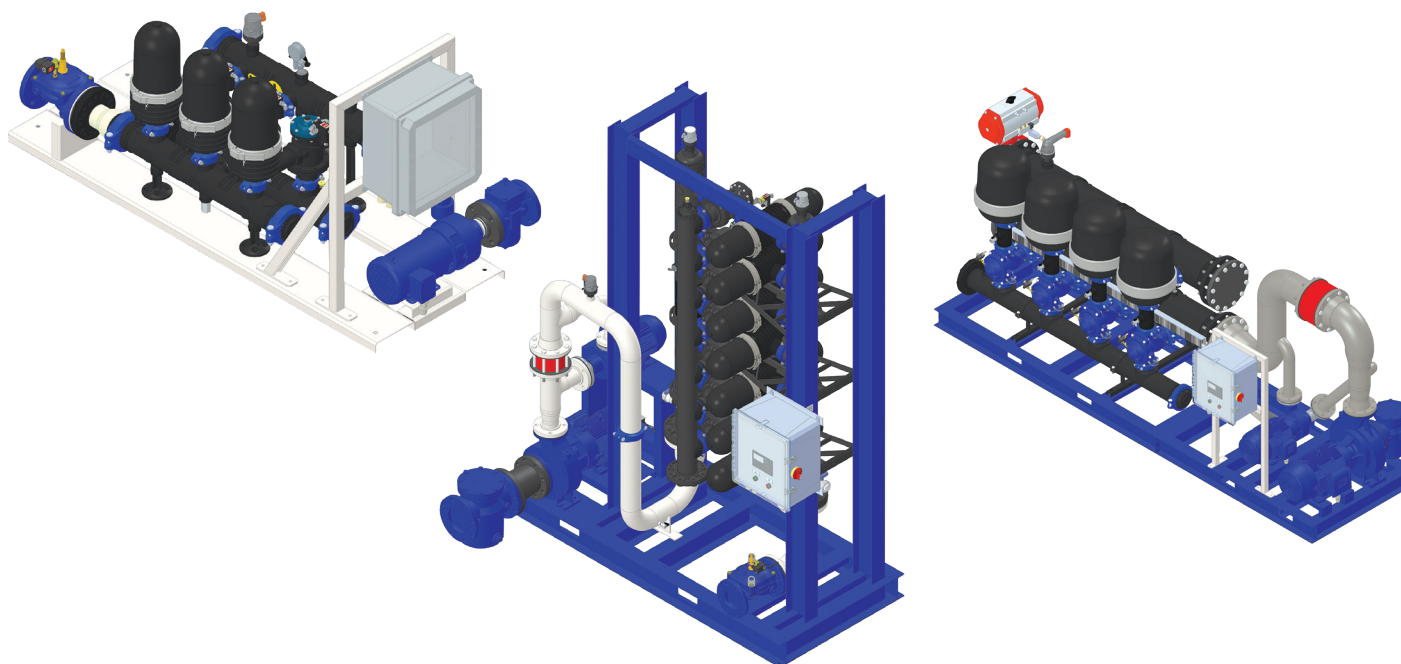


Opal, Crystal & Galaxy Spin KlinTM Disc Filters

Pre-engineered Filtration Solutions

Self-cleaning, packaged filter systems
designed to save you time and money



flow rates

120 - 1,600 gpm

filtration degrees

20 - 200 micron

inlet/outlet diameter

4" - 12"

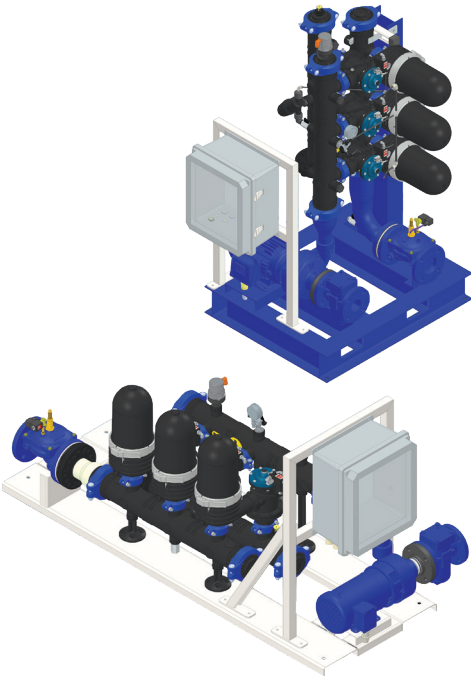
max. operating pressure

145 psi

features:

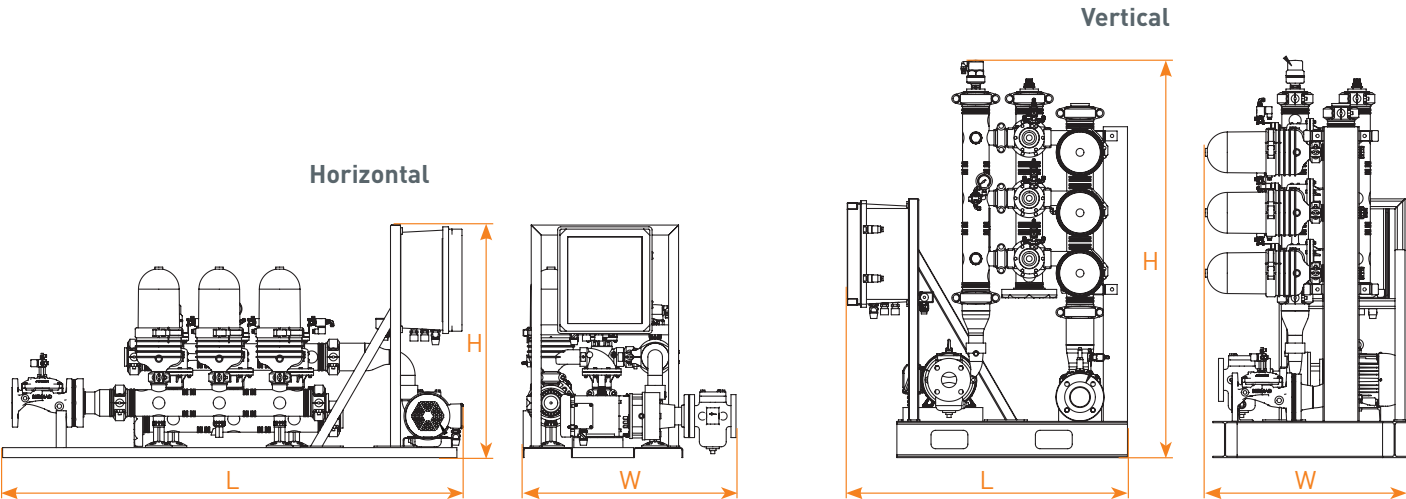
- Pre-engineered, skid-mounted systems for easy plug-n-play installation
- Economical design
- Flexible configuration to reduce footprint
- High quality, industrial grade components for long-term reliability
- Multiple offerings for a wide variety of applications
- Custom systems and other micron ratings are available upon request

Opal Battery



Model	2" x (3) x 4"	2" x (4) x 4"	2" x (5) x 4"
General Specifications			
Max. filtration flow rate*	120 gpm	160 gpm	200 gpm
Backwash flow rate	50 gpm		
Filter pump HP	7.5	10	5
BW booster pump HP	N/A		5
Filter face pipe (flange)	4"		
Flush line (flange)	4"		
Backwash water volume per cycle (gallons)	~ 50	~ 67	~ 83
Dry weight horiz/vert (lbs.)	522/631	670/790	889/1,113

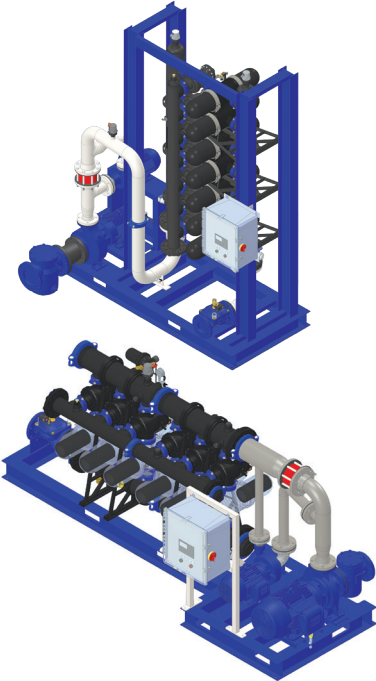
*Flow is based on 55 µ filtration degree (Green discs) at Max TSS of 35 PPM



Dimensions

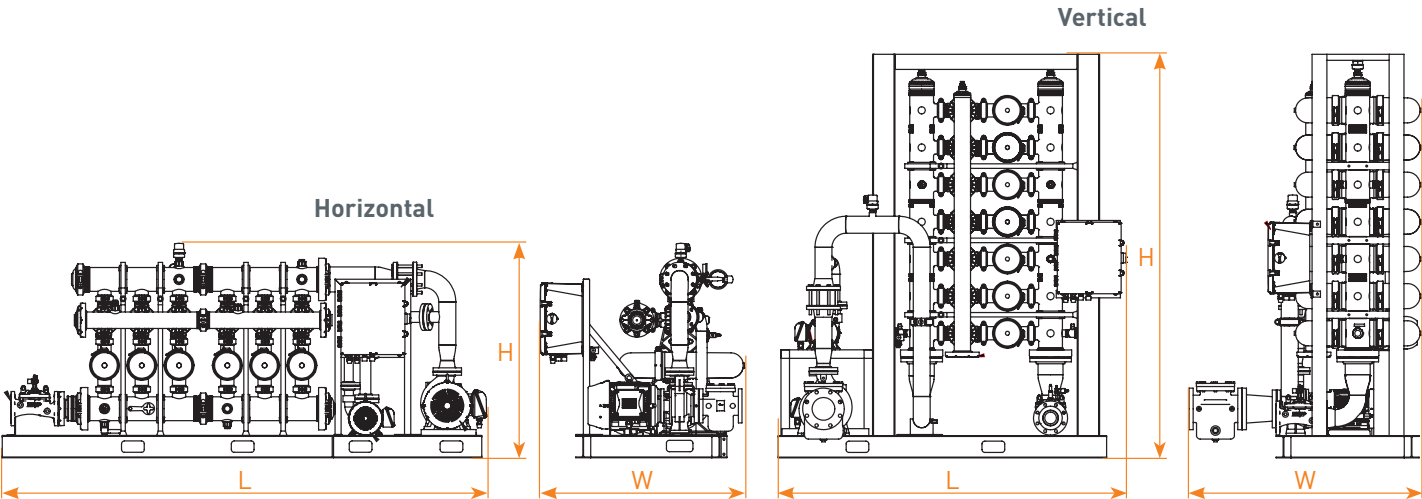
Model	2" x (3) x 4"	2" x (4) x 4"	2" x (5) x 4"
Horizontal			
H	43"		
W	34"	37"	40"
L	77"	88"	126"
Vertical			
H	65"	78"	87"
W	33"	36"	48"
L	47"	46"	48"

Crystal Battery



Model	3" x (3) x 6"	3" x (4) x 6"	3" x (5) x 6"	3" x (6) x 6"	3" x (7) x 6"	3" x (8) x 6"
General Specifications						
Max. filtration flow rate*	240 gpm	320 gpm	400 gpm	480 gpm	560 gpm	640 gpm
Backwash flow rate	100 gpm					
Filter pump HP	10				15	
BW booster pump HP	5					
Filter face pipe (flange)	6"					
Flush line (flange)	4"					
Backwash water volume per cycle (gallons)	~ 100	~ 133	~ 167	~ 200	~ 233	~ 267
Dry weight horiz/vert (lbs.)	1,194/1,548	1,493/1,885	1,558/1,930	1,603/1,975	2,169/N/A	2,215/N/A

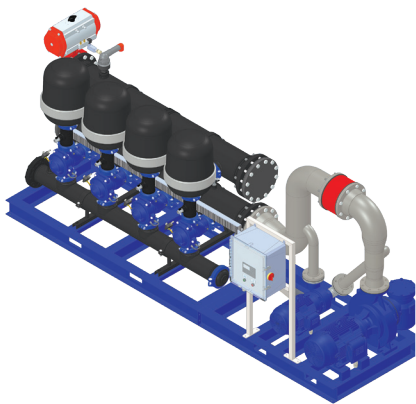
*Flow is based on 55 µ filtration degree (Green discs) at Max TSS of 35 PPM



Dimensions

Model	3" x {3} x 6"	3" x {4} x 6"	3" x {5} x 6"	3" x {6} x 6"	3" x {7} x 6"	3" x {8} x 6"
Horizontal						
H	57"					
W	51"	56"			66"	
L	89"	128"			156"	
Vertical						
H	78"	93"			N/A	
W	49"	51"			N/A	
L	87"	93"			N/A	

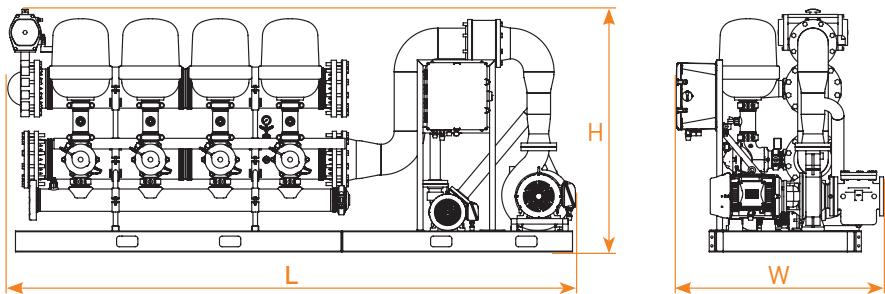
Galaxy Battery



Model	4" x (4) x 10"	4" x (5) x 10"	4" x (6) x 12"	4" x (7) x 12"	4" x (8) x 12"
General Specifications					
Max. filtration flow rate*	800 gpm	1,000 gpm	1,200 gpm	1,400 gpm	1,600 gpm
Backwash flow rate	250 gpm				
Filter pump HP	20			30	
BW booster pump HP	15				
Filter face pipe (flange)	10"		12"		
Flush line (flange)	4"				
Backwash water volume per cycle (gallons)	~333	~417	~500	~583	~667
Dry weight (lbs.)	2,913	3,240	4,158	4,187	4,377

*Flow is based on 55 µ filtration degree (Green discs) at Max TSS of 35 PPM

Horizontal



Dimensions

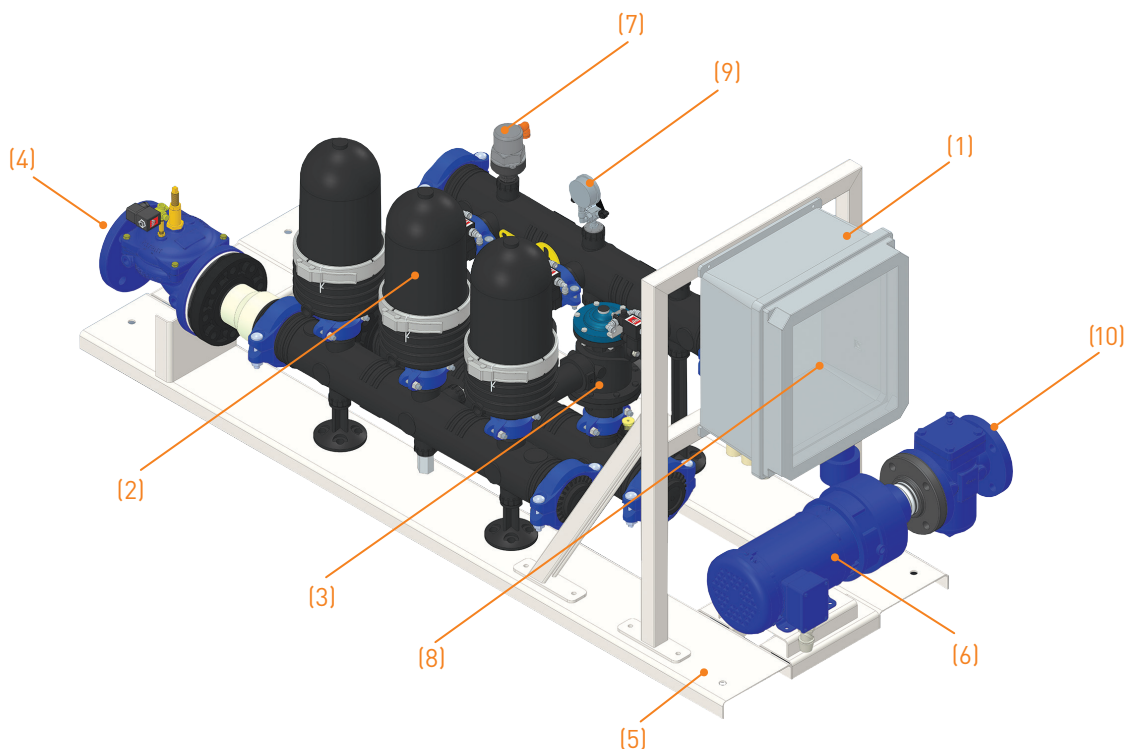
Model	4" x (4) x 10"	4" x (5) x 10"	4" x (6) x 12"	4" x (7) x 12"	4" x (8) x 12"
Horizontal					
H	69"				
W	59"		70"	61"	
L	160"	206"	203"	248"	

Building on PEP's extensive product line experience and focus on meeting our customers' needs, we developed the PEP pre-engineered, packaged disc filter systems, based on our unique polymeric grooved disc filtration solutions with automatic backwash.

- Completely assembled plug-n-play packages
- Standardization of product = reduction in costs
- More standard systems in stock = shorter lead times
- Standardization on robust, industry appropriate parts
- Standard product submittals prepared and immediately available
- Multiple technologies for a wide variety of flow rates and applications

Standard Package Components

1. Control panel enclosure, UL certified, PLC, 208/230/460V AC, 3-PH, 60 Hz
2. Polymeric filter pods and manifolds
3. 3-way backwash valves
4. Downstream carbon steel master valve
5. Coated carbon steel or stainless steel skid
6. Pump-cast iron, standard fitted, end suction, centrifugal, with TEFC close-coupled motor
7. Air release valve
8. Differential pressure switch
9. Pressure gauge
10. Pre-filtration carbon steel strainer



www.pepfilters.com



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