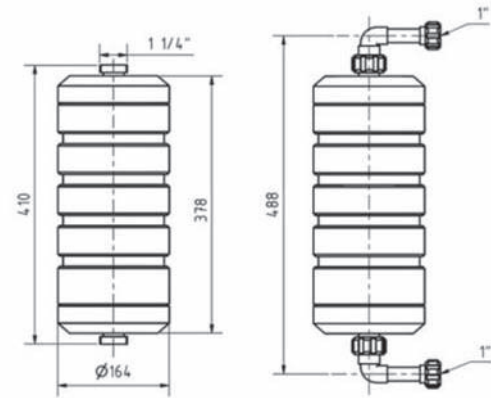


Images & Specs.



Side Profile



Membrane Specs.

Description

The patented Aqualoop membrane removes all solids down to 0.2 microns in size. This is smaller than any bacteria, thus the overall bacteria removal in the Aqualoop process is 99.9999% and virus removal is 99.7%. With this level of cleaning, treated water is crystal clear. The Aqualoop process sends scouring air through the membranes during the aeration portion of the sequence to keep membranes from fouling. The automatic backwash during treated water transfer flushes accumulated solids out to sanitary sewer, minimizing the need for any hands on maintenance.

Membrane Details

Specifications	Value
Pore Size	0.2 Microns
Height	19.13"
Diameter	6.45"
Weight	3.5 lb
Diaphragm Filter Area	6 square meters
Diaphragm Filter Material	Polyethylene
Diaphragm Filter Type	Hollow Fiber
Fiber Diameter	0.41-0.44 mm
Fiber Quantity	1600-2000
Fiber Length	29.13" +/- 0.59"
Anti Fouling	Yes
Pre-Wetting	Yes
Flow Range	0.13-2.64 GPM
Temperature Range	32 F-131 F (0-55 C)
Maximum Transfer Pressure	10.3 PSI
Maximum Backflush Pressure	36.75 PSI
Maximum Free Chlorine at 25C or Less	5,000 ppm at 9.5 pH during Membrane Cleaning
Protection Cartridge Material	Polyethylene/Polypropylene
Connection Material	Schedule 80 PVC
Connection Top/Bottom Aeration/Permeate	1 1/4"
Service Life Expectancy	10 years
Germ Test Certificate	Accredited Laboratory - HUS Salzburg, Austria
Testing Standard	ONORM EN ISO 9308-1