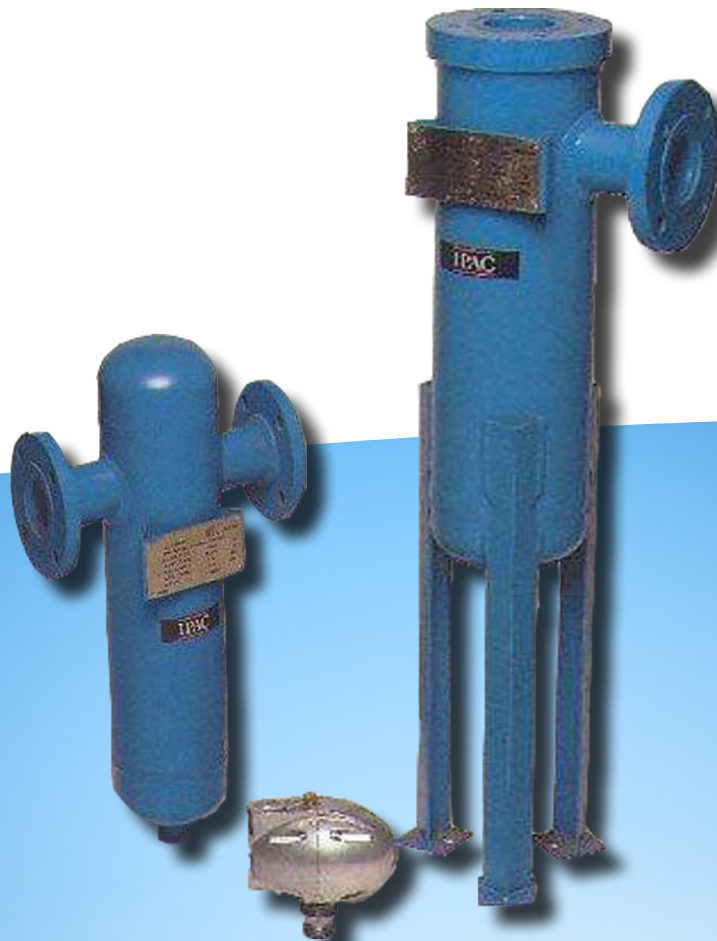


# **PURESTREAM**

**MOISTURE SEPARATORS**



BY IPAC



**GET THE BEST TREATMENT**

# Moisture Separators

## The Purestream Advantage

Purestream moisture separators are designed to remove more than 99% of the moisture condensed by an air cooled or water cooled aftercooler in a compressed air system. As moisture-laden air from an aftercooler enters the separator, it is forced to pass through directional impellers which spin the air around the separator's body. Droplets of water are then impinged on the separator wall by centrifugal force. Maximum velocity is reached near the bottom of the lower chamber where the vortex is strongest. The water droplets then coagulate and drain from the separator, while the dry compressed air travels up through the centre of the vortex at a reduced velocity to exit the separator.

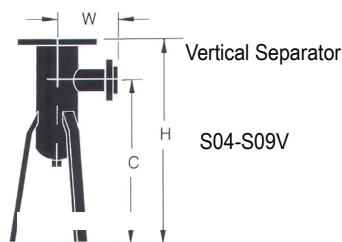
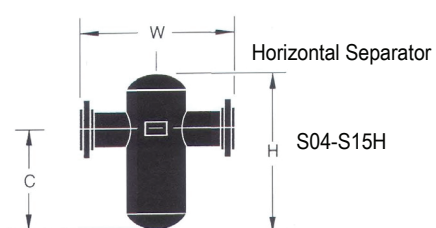


## Product Features

- Cast separators have a computer designed centrifuge and a high efficiency fixed impeller with "O" ring seal and anti-re-entrainment disc to ensure moisture free air downstream.
- Fabricated separators offered in both horizontal and vertical configurations.
- All fabricated separators are ASME coded, CRN approved.
- At rated capacity, Purestream separators remove 99% of the condensed moisture and maintain this effectively down to 20% of rated capacity.
- Standard range is 1400 SCFM to 25,000 SCFM.
- Maximum efficiency with minimal pressure drop.
- High pressure units available for up to 2,000 PSIG.
- Stainless steel available on fabricated separators.
- Special designs are available-consult factory.

Model S04-S15H





- Model S4 thru S15-1 inch NPT.  
- All models rated for 200 PSIG  
- Consult factory for higher pressure applications

Horizontal Separators								
Model	Capacity (SCFM)	Dimensions (Inches)			Air-connections		Weight (LBS)	Drain Trap
		H (Height)	W (Width)	C (Centreline)	In	Out		
S04HAUH0	900	26	15	19-1/4	2-1/2" FLG	2-1/2" FLG	56	SAC120
S4HAUH0	1,400	29	16	21-1/4	3"FLG	3"FLG	85	SAC120
S05HAUH0	1,500	35-1/8	20	25-7/8	4"FLG	4"FLG	120	SAC120
S06HAUH0	2,800	38-3/4	22	28-3/4	5"FLG	5"FLG	200	SAC120
S07HAUH0	3,600	42	23	30-1/2	6"FLG	6"FLG	250	SAC120
S08HAUH0	3,900	45-3/4	26	33-3/4	8"FLG	8"FLG	350	SAC100
S09HAUH0	5,800	50-1/4	30	36-3/4	8"FLG	8"FLG	400	SAC100
S10HAUH0	6,800	58-3/4	30	43	8"FLG	8"FLG	750	SAC100
S11HAUH0	7,800	66-1/2	34-1/2	49-1/4	14"FLG	8"FLG	900	SAC100
S12HAUH0	10,200	72-1/4	36-1/2	51-3/4	14"FLG	8"FLG	1,100	SAC100
S13HAUH0	14,000	87-1/4	44-1/2	64-1/4	18"FLG	10"FLG	2,000	SAC100
S14HAUH0	17,000	96-3/4	50	70-1/4	20"FLG	12"FLG	3,100	SAC100
S15HAUH0	25,000	120-1/2	57	89-3/4	24"FLG	12"FLG	4,200	SAC100

Vertical Separators								
Model	Capacity (SCFM)	Dimensions (Inches)			Air-connections		Weight (LBS)	Drain Trap
		H (Height)	W (Width)	C (Centreline)	In	Out		
S04VAUH0	900	37-1/8	13-1/6	31-7/8	2-1/2" FLG	2-1/2" FLG	64	SAC120
S4AVAUH0	1,400	39-5/8	13-3/4	34-3/8	3"FLG	3"FLG	86	SAC120
S05VAUH0	1,500	45-1/2	15-1/8	39-1/2	4"FLG	4"FLG	132	SAC120
S06VAUH0	2,800	48-5/8	18-1/8	41-7/8	5"FLG	5"FLG	175	SAC120
S07VAUH0	3,600	51-1/8	20-1/8	43-1/4	8"FLG	8"FLG	225	SAC120
S08VAUH0	3,900	55-1/8	21-3/4	46-5/8	10"FLG	8"FLG	330	SAC100
S09VAUH0	5,800	58-7/8	23-3/4	49-3/8	10"FLG	8"FLG	380	SAC100