

Hydro Separator 5-in-1

PurePro®



The multi-function Hydro Separator 5-in-1 saves on system installation and maintenance costs with five high performance functions combined into one device:

1. Hydraulic separation
2. Micro-Bubble coalescing air separation
3. Coalescing dirt separation
4. Magnetic separation
5. Tridicator: temperature and pressure reading

Product Features:

- **One multi-function device.** Space saving design combines true hydraulic separation, high-efficiency air and magnetic dirt removal along with an easy-to-read system temperature and pressure gauge.
- **Unique geometry and design.** Prevents pump conflict by hydraulically de-coupling primary and secondary circuits.
- **Stainless steel coalescing media for high efficiency air and dirt removal.** Allows micro-bubbles to collect and coalesce for efficient air separation. Collects both magnetic and non-magnetic particles **down to 5 microns.**
- **1/2" air vent dressed with a service check valve and safety vent cap.** High performance vent releases the smallest micro bubble. Service check for easy replacement. Hygroscopic vent cap closes when water is present and reopens when it is not.
- **Powerful neodymium rare-earth magnet probe installed in a service friendly dry well.** Attracts ferrous material for ECM circulator pump and heat exchanger protection.
- **Tridicator.** Front and central visual point to review system temperatures and pressures. Constructed of corrosion-resistant functional parts for a long, trouble-free operating life.
- **Additional value-added features.** Convenient union press or union NPT connections and easy-to-use drain valve for removal of ferrous and non-ferrous material.

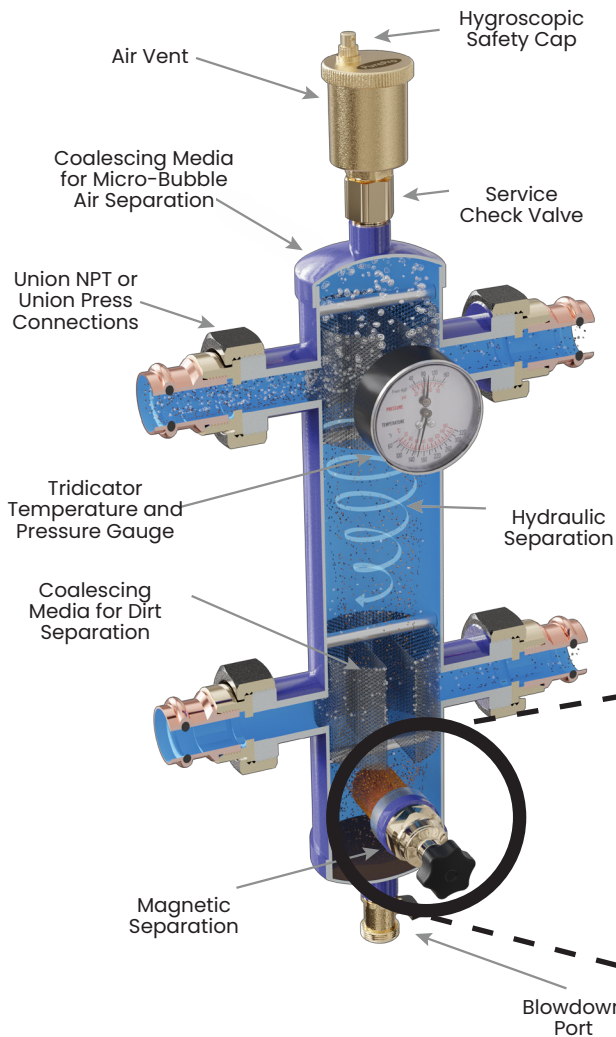
Hydro Separator 5-in-1

Specifications

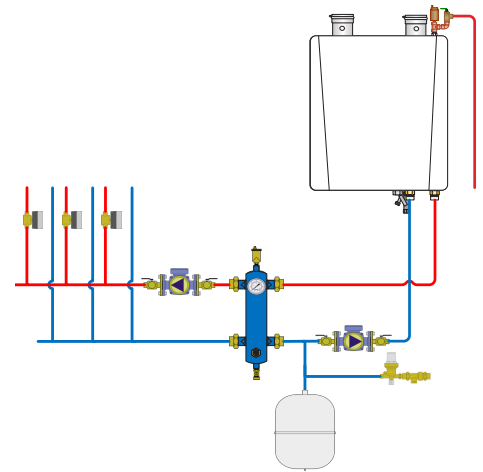
Size	Flow Rate (GPM)	NPT		Press		Max. Working Pressure	Temp. Working Range	Max. % of Glycol	Air Separation Efficiency	Particle Separation Capacity	Ferrous Impurities Removal
		Mfr. #	Webb #	Mfr. #	Webb #						
1"	11*	PROHSINPT	830267	PROHS1P	830268	150 psi	32 - 230°F	50%	Up to 100%	Down to 5 Microns	Up to 100% Efficiency
1-1/4"	18*	PROHS114NPT	830265	PROHS114P	830266						
1-1/2"	26*	PROHS112NPT	859083	PROHS112P	859084						
2"	37*	PROHS2NPT	859085	PROHS2P	859086						

*Use the higher flow rate in the system to determine sizing.

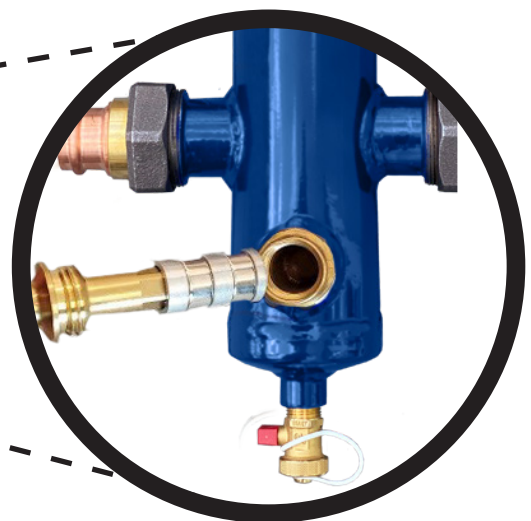
5-in-1 Performance



Application Diagram



Ferrous Particle Separation



Available PurePro Air Vents

Size	Mfr. #	Webb #
1/8"	PRO18AIR	848814
1/2"	PRO12AIR	848813