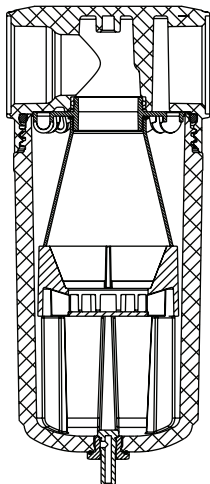




F901X-12 pictured



Water Separators - F901X Series

Application:

The water separator is an ideal solution where water contamination is present. Water can damage pneumatic components, degrade your final product, and cause valves and cylinders to stick.

The water separator utilizes an internal spinner to remove large quantities of contamination by centrifugal action. Water, debris, and rust are spun outward to the inside diameter of the bowl. Gravity then sends the contaminant to the bottom of the bowl for discharge.

Recommended Uses:

- Bulk liquid and solid contamination removal
- Downstream from compressor/aftercoolers
- Protection for coalescing elements from large liquid loading
- Refrigerated compressed air dryers

Materials of Construction:

Head 1/4 - 3: A380.0 Cast Aluminum – Anodized

Bowl 1/4 - 3: A380.0 Cast Aluminum – Anodized

Internal Separator Components: A380.0 Cast Aluminum – Anodized

Seals: Fluorocarbon (FKM)

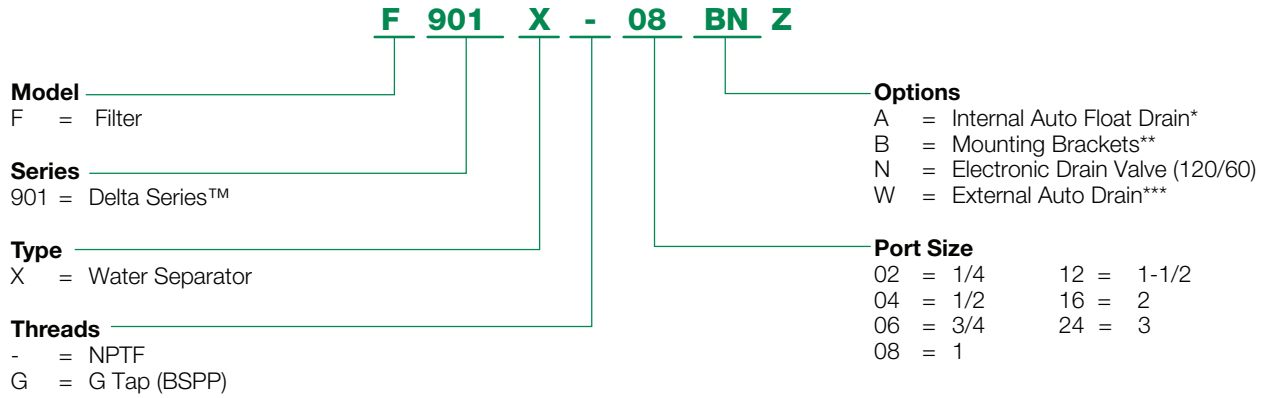
Standard Manual Drain: Brass

Flow Ratings - Water Separator

| Port Size | SCFM | m ³ /h | Δ P |
|-----------|--------------------------------|-------------------|-----------|
| | Based on 100 PSI (7 bar) inlet | | |
| 1/4 | 30 | 51 | 0.75 PSID |
| 1/2 | 90 | 153 | 0.75 PSID |
| 3/4 | 165 | 280 | 0.75 PSID |
| 1 | 215 | 365 | 0.75 PSID |
| 1-1/2 | 353 | 600 | 0.75 PSID |
| 2 | 706 | 1200 | 0.75 PSID |
| 3 | 1294 | 2200 | 0.75 PSID |

Note: Maximum water removal efficiency occurs at stated flows

How to Order - Water Separators



- * Applies to 1/4" to 2" Models Only
- ** Applies to 1/4" to 1-1/2" Models Only
- *** Applies to 2" and 3" Models Only

Pressure and Temperature Specifications - Water Separators

| Separator Option Type - X | None | A | N | W |
|------------------------------|----------|-------------|--------------|------------|
| | | Float Drain | Elect. Drain | Ext. Drain |
| Port Size | All | 1/4 to 2 | 1/4 to 3 | 2, 3 |
| Max. Pressure PSI (Bar) | 250 (17) | 250 (17) | 250 (17) | 230 (16) |
| Max. Temperature °F (°C) | 200 (95) | 150 (66) | 130 (55) | 120 (50) |

Note: Option combinations default to lower pressure and temperature rating.