



Air Preparation Products

Global

Prep-Air II

Miniature

P3N

General Industrial

Stainless Steel

Precision / Proportional

Bulk Liquid Separators

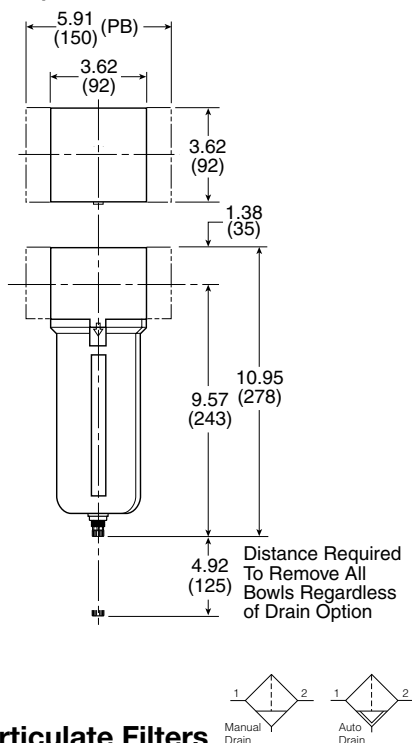
## P3NF Hi-Flow Particulate Filters

- Excellent water removal efficiency
- Port blocks (PB) available to provide 1-1/2" port extension to 1" ported bodies
- 40 micron element standard
- Metal bowl with sight gauge standard
- 3/4", 1", & 1-1/2" ports (NPT & BSPP)

### Material specifications

| Description                | P3NF (Hi-Flow)    |
|----------------------------|-------------------|
| Body                       | Aluminum          |
| Bowl                       | Aluminum          |
| Deflector                  | Plastic           |
| Drain                      | Plastic           |
| Filter element – 40 micron | Plastic           |
| Seals                      | Nitrile           |
| Sight gauge                | Polyamide (Nylon) |

### P3NF (Hi-Flow)



### P3NF Particulate Filters

|                                                                                     | Port size                             | Bowl type | Sight gauge | Flow SCFM | Element type | Part number (NPT) |                       |
|-------------------------------------------------------------------------------------|---------------------------------------|-----------|-------------|-----------|--------------|-------------------|-----------------------|
|                                                                                     |                                       |           |             |           |              | Twist drain       | Automatic float drain |
|  | 3/4"                                  | Metal     | Yes         | 270       | 40 micron    | <b>P3NFA96GSM</b> | <b>P3NFA96GSA</b>     |
|                                                                                     | 1"                                    | Metal     | Yes         | 300       | 40 micron    | <b>P3NFA98GSM</b> | <b>P3NFA98GSA</b>     |
|                                                                                     | 1-1/2" #                              | Metal     | Yes         | 310       | 40 micron    | <b>P3NFA9PGSM</b> | <b>P3NFA9PGSA</b>     |
|                                                                                     | # 1" port body with 1-1/2" port block |           |             |           |              |                   |                       |

**Note:** BSPP ported units supplied using NPT ported bodies and BSPP port block kits.

 Most popular.



### Operating information

|                        |                  | P3NF (Hi-Flow)                      |
|------------------------|------------------|-------------------------------------|
| Operating pressure:    | Metal bowl       | 0 to 250 PSIG<br>(0 to 17.2 bar)    |
|                        | Auto float drain | 15 to 250 PSIG<br>(1.0 to 17.2 bar) |
| Operating temperature: | Metal bowl       | 32°F to 175°F<br>(0°C to 80°C)      |

### Service kits

| Description                          | P3NF (Hi-Flow)    |
|--------------------------------------|-------------------|
| Bowl Kits – Sight gauge / auto float | <b>P3NKA00BSA</b> |
|                                      | <b>P3NKA00BSM</b> |
| Bowl latch kit                       | <b>C11A33</b>     |
| DPI replacement kit                  | <b>PS781P</b>     |
| Drain kit – Auto drain               | <b>PS506P</b>     |
|                                      | <b>PS512P</b>     |
| Filter element kit – 40 micron       | <b>P3NKA00ESG</b> |
|                                      | <b>P3NKA00ESE</b> |
|                                      | <b>P3NKA00ESA</b> |
| Mounting bracket kit                 | <b>P3NKA00MW</b>  |
| Sight gauge kit                      | <b>P3NKA00PE</b>  |