

Zero Air Loss Condensate Drains

Zero air loss condensate drains are designed for economical removal of unwanted water, oil emulsions, and other liquids. These drains will only open when liquid is present and will not allow any compressed air to escape from the system.



Operating information

| | |
|----------------------------------|-------------------------------|
| Maximum pressure: | 232 PSIG (16 bar) |
| Ambient operating temperature: | 35°F to 140°F (1.6°C to 60°C) |
| Voltages optional – | |
| NPT | 115/50-60Hz, standard |
| BSPP ports | 230/50-60Hz & 24VDC |
| For technical information see CD | |

Zero Air Loss Condensate Drains

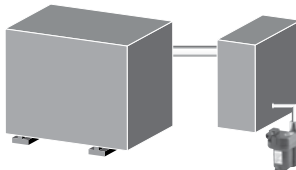


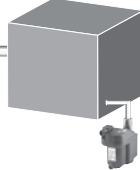
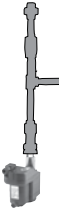
| Port size (NPT) | Compressor aftercooler (SCFM)* | Capacity refrigeration dryer (SCFM)** | Filter (SCFM) | Drain capacity per day (gal/liter) | Model number | Service kit |
|-----------------------------|--------------------------------|---------------------------------------|---------------|------------------------------------|---------------------|---------------------|
| 1 @ 3/8 (in), 1 @ 3/8 (out) | — | — | 424 | 6 (22.7) | ED3002N115-K | SKED3000N115 |
| 1 @ 1/2 (in), 1 @ 3/8 (out) | 141 | 282 | 1,413 | 13 (49.2) | ED3004N115-K | SKED3000N115 |
| 2 @ 1/2 (in), 1 @ 3/8 (out) | 247 | 494 | 2,472 | 23 (87.1) | ED3007N115-K | SKED3000N115 |
| 2 @ 1/2 (in), 1 @ 3/8 (out) | 1,059 | 2,119 | 10,594 | 100 (378.5) | ED3030N115-K | SKED3000N115 |
| 2 @ 1/2 (in), 1 @ 3/8 (out) | 3,532 | 7,063 | 35,315 | 330 (1,249.2) | ED3100N115-K | SKED3000N115 |

* Based on 100 PSI working pressure, air compressor inlet at 77°F (25°C) at 60% RH, air discharge temperature of 95°F (35°C) following the aftercooler, pressure dewpoint of 37°F (2.8°C) after the refrigerated dryer.

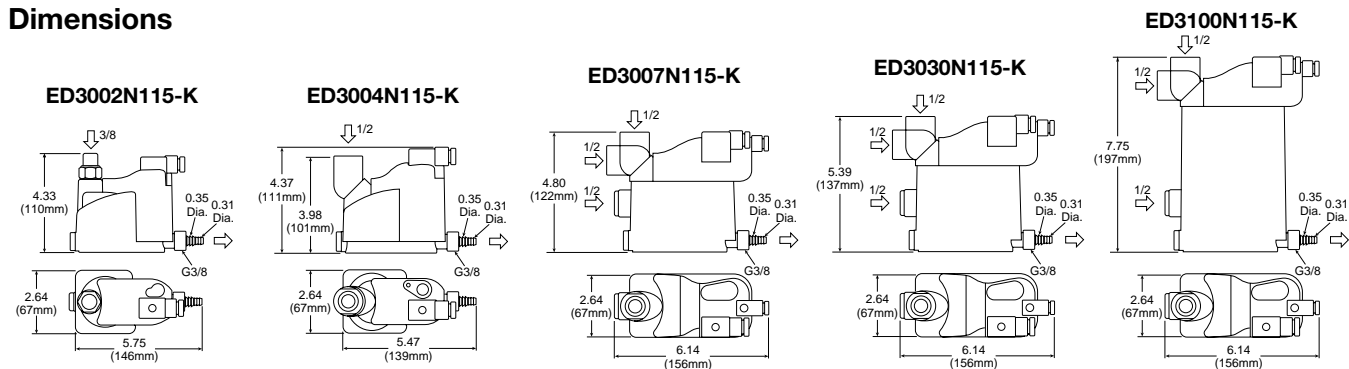
** Condensate from aftercooler or refrigerated dryer to be drained upstream – only for residual oil content or small quantities of condensate.

Note: A 6 ft. line cord will be included with each drain.

Where Are Condensate Drains Used?

| | | | | |
|---|---|---|---|--|
|  |  |  |  |  |
| Compressor with Aftercooler | Receiver Tank | Filter | Air Dryer | Drip Leg |
| Removes the condensate that is collected after the air cools in the aftercooler | Removes the condensate that is collected when the air cools inside of the receiver tank | Removes the condensate that is collected in the filter bowl | Removes the condensate that is collected in the air dryer | Point-of-use applications: removes the condensate from compressed air pipes in a plant |

Dimensions



 Most popular.

P

Dryer Products

PRD Series

DD Series

P3TJA Series

PTW Series

ED Series

WDV3-G Series

