



Pneumatic No-Loss Drains (PNLD II)

The PNLD II line of fully pneumatic no-loss drains easily removes condensate with high levels of rust and oil, while eliminating air loss, even at elevated pressure. The PNLD II requires no electricity, pre-settings or manual intervention, making it ideal for use in commercial and industrial applications. Designed to work with a variety of system components, the PNLD II is easy to install and operates virtually clog-free.

Features

The Efficient Choice for Commercial and Industrial Applications

The PNLD II requires no electricity, pre-settings or manual intervention, making it ideal for use in commercial and industrial applications. Designed to work with a variety of system components including compressors, receiver tanks, in-line filters, water separators, dryers and coolers, the PNLD II is easy to install and operates virtually clog-free.

Superior Materials, Rugged Construction

To ensure maximum service life and compatibility, the PNLD II features a stainless steel float and air cylinder that accommodate higher operating pressures and resist deterioration from corrosion. The drain valves use Viton® seals to prevent deterioration from lubricant carryover in the condensate.

Robust Valve Design

The PNLD II features a unique air valve design that uses magnetic force to ensure a positive opening and closing to prevent metal particulate from clogging the drain. An innovative ball valve support and positioning system impedes side loading, which can cause premature sealing failure around the valve stem. A rifle-drilled discharge port ensures that scale and rust exits through the full-port ball valve.

PNLD II Features

- Fully pneumatic drain that requires no



electricity

- Handles high volume compressed air systems up to 30,000 cfm (850 m³/min)
- Extended maximum operating pressure up to 750 psi
- Multiple 3/4" inlet orifices for ease of installation
- Clear cylinder allows for easy visual inspection of operation
- Maximum liquid temperature of 180°F (82°C) expands operating range
- Stainless steel float prevents deterioration and corrosion
- Full-port ball valve reduces clogging
- Clear body design for easy cycling verification

Model Specifications

Model	Description	Max Operating Pressure (bar g)	Control Air (bar g)	Max Flow (m ³ /g)
PNLD II 12	Drain Standard	14	None	12
PNLD II 28 LP	Drain Standard	31	2.8 - 8.9	850
PNLD II 28 MP	Drain Standard	31	3.8 - 8.9	850
PNLD II 28 HP	Drain Standard	52	3.8 - 8.9	850
PNLD II 28 LP	Drain Stainless Steel	31	2.8 - 8.9	850
PNLD II 28 MP	Drain Stainless Steel	31	3.8 - 8.9	850
PNLD II 28 HP	Drain Stainless Steel	52	3.8 - 8.9	850



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