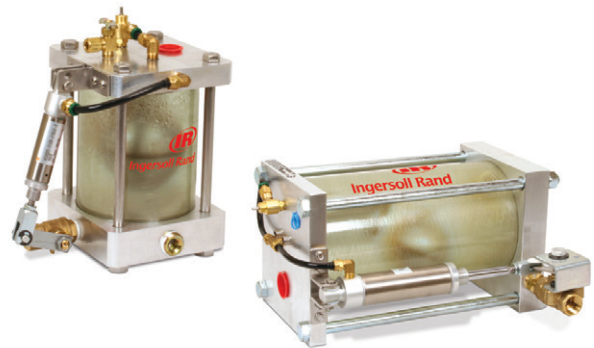


Pneumatic No-Loss Drains

Condensate Management Solutions

The PNLD II line of fully pneumatic no-loss drains offers a single solution that easily removes condensate with high levels of rust and oil, while eliminating air loss, even at elevated pressure.



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 ¾" 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

Condensate Drain Offering		BEST
		
	BETTER	PNLD II <ul style="list-style-type: none"> • Robust pneumatic design • Large orifices, clog free • No electricity required • No consumable parts • No air loss
		
GOOD		
		
EDV		
<ul style="list-style-type: none"> • Timer controlled drain • Low initial investment • NEMA 4/IP65 rating • Easy to install 	ENL <ul style="list-style-type: none"> • Electronic control sensor • Drains on demand • NEMA 4/IP67 rating • Easy maintenance • No air loss 	

A Solution for Any Operating Environment

The PNLD II from Ingersoll Rand features a variety of air control and operating pressure options to meet the requirements of a wide range of applications, including harsh or corrosive environments.

Standard PNLD II

These heavy-duty drains can be used in most applications and environments. The PNLD II comes standard with a stainless steel float and actuating cylinder. Viton® seals are used to ensure long-lasting performance and compatibility with all Ingersoll Rand coolants.

Stainless Steel PNLD II

In addition to all features found in the standard PNLD II, these drains include all stainless steel components to resist rust, corrosion and degrading contaminants found in both the ambient air and compressor generated condensate of harsh environments.

PNLD II Features		
Feature	Standard PNLD II	Stainless Steel PNLD II
Ball Valve	Brass (Stainless Steel for HP Model)	Stainless Steel
Ball and Stem	Stainless Steel	Stainless Steel
Float	Stainless Steel	Stainless Steel
Seat	Stainless Steel	Stainless Steel
Seals	Viton®	Viton®
Heads	Aluminum Alloy	Stainless Steel
Trigger	Aluminum Alloy	Stainless Steel
Rods and Nuts	Zinc-plated Steel	Stainless Steel

PNLD II Drain Offering					
Part Number		Model	Max. Air Flow cfm	Max. Operating Pressure psi	Control Air psi
Standard	Stainless				
38439840	N/A	PNLD II 12	400	200	None
22890214	47575750001	PNLD II 28 LP	30,000	450	40-130
22699706	47575751001	PNLD II 28 MP	30,000	450	55-130
22758643	47575755001	PNLD II 28 HP	30,000	750	55-130

PNLD II 28 Drain Accessories	
Part Number	Description
38441200	120 V Heater Option
38463881	230 V Heater Option

PNLD II 28 Standard with Added Features	
Part Number	Description
38441192	PNLD II 28 MP with High Level Alarm Kit
38060778	PNLD II 28 MP with 120 V Heater



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