

Condensate Drains



NPTD Premium Timed Drain

A comprehensive range of timed solenoid, automatic float and zero air loss condensate drains.

nano-purification solutions provides a wide range of high quality condensate drains to support virtually any industrial compressed air or gas application. From cost effective timed solenoid drains to energy saving zero air loss drains, nano has the drain you need to protect your downstream equipment from harmful liquid condensate.

The entire range consists of fifty condensate drain options including nine different designs in four different voltages, three different materials and connections ranging from 1/4" to 1" NPT.

1/4" to 1" NPT connections

There is simply no application nano drains cannot handle. With low, medium and high pressure options, we have drains designed for inlet pressures up to 6000 psig inlet pressure.



NETD Economy Timed Low Flow



NETD Economy Timed High Flow



NED Automatic Float



NMD Magnetic Zero Air Loss



NED-LC Level Controlled Zero Air Loss



NHPTD High Pressure Timed Solenoid

Applications Include:

Manufacturing

Automotive

Oil & Gas

Paint Applications

Pneumatic Conveying

nano-purification solutions

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Technical Specification

Drain Model	Inlet	Outlet	Pressure Rating	Supply Voltage
	NPT	NPT	psig	1Ph/60Hz
NETD economy timed solenoid (low flow)				
NETD 14 115	½" (m)	¼" (f)	300	115 V
NETD 14 230	½" (m)	¼" (f)	300	230 V
NETD 38 115	½" (m)	⅜" (f)	300	115 V
NETD 38 230	½" (m)	⅜" (f)	300	230 V
NETD 12 115	½" (m)	½" (f)	300	115 V
NETD 12 230	½" (m)	½" (f)	300	230 V
NETD economy timed solenoid (high flow)				
NETD 34 115	¾" (f)	¾" (f)	175	115 V
NETD 34 230	¾" (f)	¾" (f)	175	230 V
NETD 1 115	1" (f)	1" (f)	175	115 V
NETD 1 230	1" (f)	1" (f)	175	230 V
NPTD premium timed solenoid (brass)				
NPTD 12 115 B	½" (m) ⁽¹⁾	½" (f)	300	115 V
NPTD 12 230 B	½" (m) ⁽¹⁾	½" (f)	300	230 V
NPTD 12 24A B	½" (m) ⁽¹⁾	½" (f)	300	24 VAC
NPTD 12 24D B	½" (m) ⁽¹⁾	½" (f)	300	24 VDC
NPTD premium timed solenoid (stainless steel)				
NPTD 14 115 S	¼" (f)	¼" (f)	300	115 V
NPTD 14 230 S	¼" (f)	¼" (f)	300	230 V
NPTD 38 115 S	⅜" (f)	⅜" (f)	300	115 V
NPTD 38 230 S	⅜" (f)	⅜" (f)	300	230 V
NPTD 12 115 S	½" (f)	½" (f)	300	115 V
NPTD 12 230 S	½" (f)	½" (f)	300	230 V
NED automatic float				
NED 12	½" (f)	½" (f)	290	-
NMD magnetic zero air loss				
NMD 12	½" (f)	⅜" (f)	230	-
NHD heated zero air loss				
NHD 12	½" (f)	¼" (f)	230	115V

Drain Model	Inlet	Outlet	Pressure Rating	Supply Voltage
	NPT	NPT	psig	1Ph/60Hz
NED-LC level controlled zero air loss				
NED 4L N12 115	½" (m)	⅜" (f)	230	115 V
NED 8LC N12 115	½" (f) x2	⅜" (f)	230	115 V
NED 16LC N12 115	½" (f) x2	⅜" (f)	230	115 V
NED 40LC N12 115	½" (f) x2	⅜" (f)	230	115 V
NHPTD high pressure timed solenoid (brass)				
NHPTD 14 115 600 B	¼" (f)	¼" (f)	600	115 V
NHPTD 14 230 600 B	¼" (f)	¼" (f)	600	230 V
NHPTD 12 115 600 B	½" (f)	½" (f)	600	115 V
NHPTD 12 230 600 B	½" (f)	½" (f)	600	230 V
NHPTD 14 115 1200 B	¼" (f)	¼" (f)	1200	115 V
NHPTD 14 230 1200 B	¼" (f)	¼" (f)	1200	230 V
NHPTD 12 115 1200 B	½" (f)	½" (f)	1200	115 V
NHPTD 12 230 1200 B	½" (f)	½" (f)	1200	230 V
NHPTD 14 115 3625 B	¼" (f)	¼" (f)	3625	115 V
NHPTD 14 230 3625 B	¼" (f)	¼" (f)	3625	230 V
NHPTD high pressure timed solenoid (stainless steel)				
NHPTD 14 115 600 S	¼" (f)	¼" (f)	600	115 V
NHPTD 14 230 600 S	¼" (f)	¼" (f)	600	230 V
NHPTD 12 115 600 S	½" (f)	½" (f)	600	115 V
NHPTD 12 230 600 S	½" (f)	½" (f)	600	230 V
NHPTD 14 115 1200 S	¼" (f)	¼" (f)	1200	115 V
NHPTD 14 230 1200 S	¼" (f)	¼" (f)	1200	230 V
NHPTD 12 115 1200 S	½" (f)	½" (f)	1200	115 V
NHPTD 12 230 1200 S	½" (f)	½" (f)	1200	230 V
NHPTD 14 115 3625 S	¼" (f)	¼" (f)	3625	115 V
NHPTD 14 230 3625 S	¼" (f)	¼" (f)	3625	230 V
NHPTD 14 115 5000 S	¼" (f)	¼" (f)	5000	115 V
NHPTD 14 230 5000 S	¼" (f)	¼" (f)	5000	230 V
NHPTD 14 115 6000 S	¼" (f)	¼" (f)	6000	115 V
NHPTD 14 230 6000 S	¼" (f)	¼" (f)	6000	230 V

specifications	NETD low flow	NETD high flow	NPTD brass	NPTD stainless	NED	NMD	NHD	NED-LC	NHPTD brass	NHPTD stainless
material of construction	brass	brass	brass	stainless	aluminum	aluminum	aluminum	aluminum ⁽²⁾	brass	stainless
isolation valve	mounted	-	integral	-	-	-	-	-	-	-
strainer	mounted	-	integral	-	-	-	integral	integral	-	-
timer	economy	premium	premium	premium	-	-	-	-	premium	premium
anti air lock connector	-	-	-	-	included	included	-	-	-	-
6 ft power cord	included	included	included ⁽³⁾	included	-	-	included	included	included	included

(1) Inlet connection fits both 1/2" F and 1/4" M threads.

(2) NED4L is made from glass reinforced plastic.

(3) 115V and 230V models only. 24V models include unwired DIN connector.