

Pneumatech's CDF drain discharges the condensate automatically and without compressed air losses up to 10 bar.

The condensate is accumulated in the aluminium receiver (pressure-proof housing) and as soon as the maximum level has reached, the condensate will be drained out without any air loss. The direct acting valve is piloting by a precise level float sensor that ensures reliability and efficiency. In its depressurized state the valve is closed (NC design).

The drain is equipped with an integrated venting function, which prevents the risk of possible air slots. The CDF drain has a well-proven, rugged aluminium design with threaded connections at inlet and outlet.



Features & Benefits

- ▶ No loss of compressed air
 - Automatic controlled drainage of condensate without any compressed air leak
- ▶ Plug-and-play solution
 - No power supply needed
 - No programming or calibration
- ▶ Guaranteed reliability
 - Large cross-section openings
 - Well-proven, rugged aluminum design
 - Provided with a separate manual drain to depressurize the pressure aluminium housing and allow manual discharge for venting or draining

Technical specifications		
Timer Drain	CDF G	CDF N
Type	Float ball type	
Operating media	Condensate (air-water-oil) - non aggressive	
Pressure	0,2 - 10 bar (3 - 145 psi)	
Min recommended pressure	1,5 bar (22 psi)	
Orifice valve	2,5 mm	
Nominal volume flow ⁽¹⁾	20000 m3/h	
Drain capacity (@7bar)	2,8l/min (167l/h)	
Drain capacity (@10bar)	4,2l/min (250l/h)	
IN/OUT connection (on the die-cast valve body)	G 1/2"	
Inlet size by brass adapter	Bsp 1/2" Male / Bsp 1/2" Male	Bsp 1/2" Male / NPT 1/2" Male
Housing material	Aluminium	
Floating body	Stainless steel	
Seal	NBR	
Plastic cap	PA6	
Valve type	Direct acting, normally closed	
Min/Max operating temperature	2-65°C / 35-149°F	
Dimensions (mm)	135x110x130 (without inlet nipple)	
Weight (kg)	0.6	

(1) Refer to 1bar and 20°C at 7bar operating pressure, intake air of compressor 25°C at 60% of relative humidity, 35°C compressed air temperature