



# CondenSmart Mechanical Float Drain

Model | CSMFD1N

For System Flow Rates up to 11772 SCFM (20000 Nm<sup>3</sup>/hr)

The reliable and powerful solution to condensate management without the need for a power source.

The Walker Filtration CondenSmart Mechanical Float Drain provides an energy efficient option to eliminate compressed air loss in the condensate draining process without using an electrical outlet.

The fully automatic device uses an internal float valve that creates a low operating pressure within the collection chamber. This generates a unique, gravitational discharge system that prevents emulsions from forming before the condensate can reach the oil-water separator.

For quick installation, the CondenSmart Mechanical Float Drain does not require an electrical source, eliminating the need for external device testing and configuration.





#### **Easy Maintenance**

Externally accessible manual drain valve allows user to verify valve function



#### Sensory Design

The internal collection chamber maintains a small amount of condensate to prevent compressed air loss



#### **Long-lasting Composition**

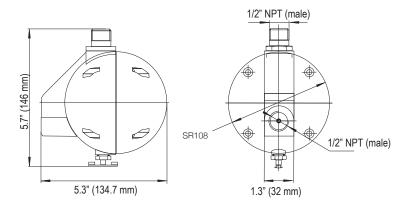
Aluminum exterior and stainless steel internals prevents corrosion from condensate exposure

- Extra Protection Internal strainer collects large particles and contaminants found within condensate
- Cost Effective Powerless device connection eliminates extra money spent on electrical installation and operating energy costs
- Safety First Non-electronic function offers a safe alternative for systems that cannot support additional power sources



## **Technical Specification**

Model	Pressure range psig (barg)		Working temperature	Maximum capacity gallons/hr (l/hr)		Nominal volume		Orifce	Weight	
	Working pressure	Minimum recommended	min/max °F (°C)	at 100 psig (7 barg)	at 145 psig (10 barg)	SCFM (Nm³/hr)	Inlet	valve inches (mm)	lbs	kg
CSMFD1N	3-145 (0.2 to 10)	22 (1.5)	36 - 149 (2 - 65)	44 (168)	67 (252)	11772 (20000)	½ NPT	0.09 (2.5)	1.3	0.6



#### CSMFD1N

### **Technical Notes**

- 1. Housing material is aluminum and floating body is stainless steel.
- 2. The operating media is suitable for non-aggressive condensate (oil/water).
- $3. \quad \text{For BSP Variant, order part number CSMFD1}.$





