



CondenSmart Vacuum Drain

Model | CSVD1

For System Flow Rates up to 32 SCFM (54 Nm³/hr)

Prevent contaminants from entering your vacuum system with the specialized drainage solution

The Walker Filtration CondenSmart Vacuum Drain is engineered to enhance vacuum drainage systems using a comprehensive system of electronic and pressure-based valves.

The device mimics the pressure conditions within the vacuum application, allowing condensate to drain into the receiver. The receiver senses an increase in pressure and relieves the accumulated condensate by opening the 5/2 valve.

Designed to accommodate most vacuum systems with features made to simplify service and lower power consumption, the CondenSmart Vacuum Drain is efficient in terms of maintenance and operational costs.

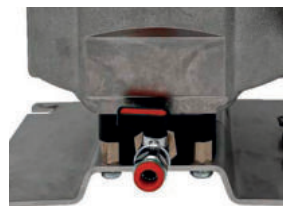
An innovative device designed to manage condensate in vacuum systems



Visible Performance
Easy-to-read gauges identify pressure levels within the device



User-Friendly
Control Panel with LED lights and test button indicate device status



Simple Servicing
External ball valve allows for manual condensate discharge and testing

- **UL Recognized** Meets safety standards for efficient machinery and encourages environmental sustainability
- **Service Alerts** Red LED service light on control panel will flash with alarm signals that indicate that condensate flow has been disrupted and service is needed
- **Premium Protection** IP65 protection class prevents damage from a wide range of contaminants, including dust, oil, water, and other non-corrosive material
- **Energy Efficient** Keeps energy and operational costs low with only 4W of power consumption during drainage

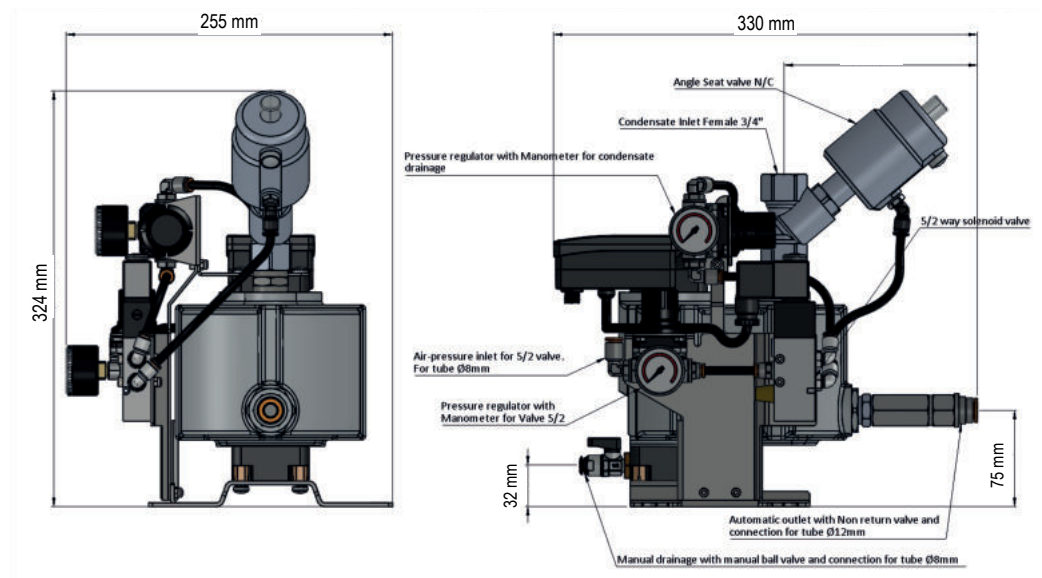
For further information please visit www.walkerfiltration.com



For further information please call: **+44 (0) 191 417 7816**

Technical Specification

| Model | Power supply (+/- 10%) | Power Watts | Alarm contact | Working pressure range barg (psig) | Working temperature min/max °C (°F) | Maximum discharge volume at 1/hr (fluid oz/hr) at 4 barg (58 psig) | | | Required control valve pressure barg (psig) | | Inlet | Outlet (with flow limiter) O.D. Hose mm (inches) | Weight | |
|-------|------------------------|-------------|---------------|------------------------------------|-------------------------------------|--|-----------------|---------------------|---|---------------------------------------|----------|--|--------|-----|
| | | | | | | Nominal | Single draining | Maximum performance | To operate the 5/2 way valve | To ensure open/close angle seat valve | | | lbs | kg |
| CSVD1 | 230 V (50/60 Hz) | 4 | ✓ | 0.1 - 1.8 (1.45 - 26) | 1/60 (34/140) | 30 (1014) | 0.5 (17) | 60 (2028) | 4 (58) | 2 (29) | G 3/4" F | 12 (1/2) | 11.2 | 5.1 |



CSVD1

Technical Notes

1. Electric connection is EN 175301-803 (DIN 43650 B) for all models.
2. Protection class is NEMA 4 (IP65), with connector and correctly assembled gasket, for all models.
3. The Alarm contact is NC/NO: 240 VAC max - 1A / 30 VDC max - 1A. Alarm connection is M12 Code A 4 Poles (connector not supplied).
4. For 115 VAC and/or NPT inlet connections, please consult your local Walker Filtration sales representative.
5. For NPT variant, order part number CSVD1N.



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