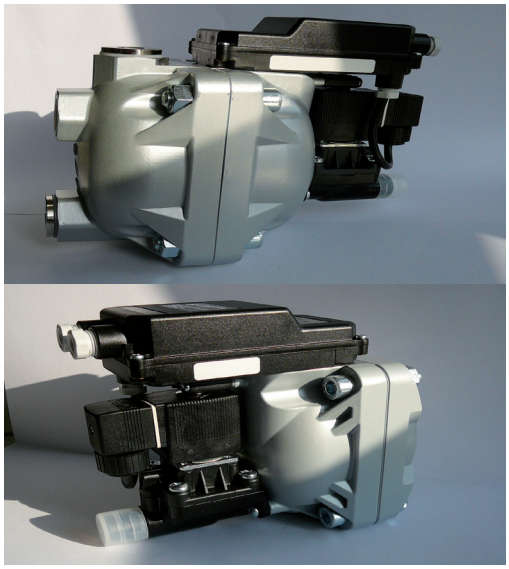
Donaldson
FILTRATION SOLUTIONS

Industrial Gases

Ultramat™ UFM-D30 (HP) / UFM-D130
Condensate drain without compressed air loss



Condensate drain without compressed air loss

MAIN FEATURES & BENEFITS:

- Electronically, level-controlled condensate drain without pressure losses
- Permanent function control via LED display, automatic emergency programs in the alarm mode
- Easy maintenance, small inclination to emulsification, small noise during draining procedure, insensitive to dirt.
- Aluminium corrosion-resistant, glass-fiber reinforced plastics, steadily against oil-contaminated and oil-free condensate

PRODUCT DESCRIPTION

The UFM-D's are compressed air zero-loss, electronically controlled condensate drains. The large internal cross-sections for draining ensure reliable operation even when dealing with dirty, particle polluted condensate: Less downtime, less trouble and more safety for the application - especially in direct comparison with time- or float controlled drains.

Additionally the condensate becomes less emulsified – when compared with time controlled solenoid valves. Less emulsification and better function of oil/ water separators: longer compliance with legal discharge limits, less running costs.

As there is no air-loss whilst purging these drains work silent – a very important feature when this drain is installed within a working area.

The electronic control of the drain monitors the proper operation continuously. Automatic malfunction routines and a potential free contact for remote control ensures safe operation at all times. You can react to malfunctions before they are obvious by condensate water in the compressed air line at the point of use.

INDUSTRIES:



- Chemical and pharmaceutical industry



- Electronic industry



- Surface finishing



- Industrial machinery



- Energy

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Technical alterations reserved (03/2026)

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PRODUCT DESCRIPTION

Typical applications for the condensate drains UFM-D30 (HP)- UFM-D130 are:

Compressed air zero-loss draining of condensate at:

- Compressors
- Aftercoolers
- Reciever-vessels
- Pre- and after-filters of fridge dyrers
- Pre-filters of adsorbtion dryers
- Condensate- and oil-removal filters
- Pipe bends



PRODUCT SPECIFICATIONS

Features:	Benefits:
Electronically level-controlled	No expensive compressed air losses, condensate drain depending upon resulting condensate amount, sensor detects each kind of condensate (also pure oil), also in case of strong contamination the draining works problem-free
Electronic control	Permanent function control via LED display, automatic emergency programs in the alarm mode, potential-free alarm contact function test via test button
Generously dimensioned cross sections	Easy maintenance, small inclination to emulsification, small noise during draining procedure, insensitive to dirt
Materials corrosion resistant	Aluminium corrosion-resistant, glass-fiber reinforced plastics steadily against oil-contaminated and oil-free condensate (special equipments for particularly aggressive condensate available)
Condensate inlet vertically or horizontal	Flexible and easy montage on different pipings possible

PRODUCT SPECIFICATIONS

Technical Data	D30	D30HP	D130
min./max. Operating pressure	0.8 - 16 bar (g) 12-230 psi (g)	1.2- 40 bar (g) 18-580 psi (g)	0.8- 16 bar (g) 12-230 psi (g)
min./max. Temperature	+1°C- +60°C +34°F- +140°F		
Condensate inlet	2x G 1/2 (internal thread) 2x 1/2" NPT (internal thread)		3 x G 3/4 (internal thread) 3 x 3/4" NPT (internal thread)
Condensate outlet	G 1/2 (internal thread)	G 3/8 (internal thread)	G 1/2 (internal thread)
Condensate	oil-contaminated	oil-contaminated + oil-free	oil-contaminated
Weight (empty)	2.0 kg 4.4 lbs	2.2 kg 4.8 lbs	2.9 kg 6.4 lbs
max. Compressor performance [1)]	30 m^3/min 1.060 scfm		130 m^3/min 4.590 scfm
max. Fridge dryer performance [1)]	60 m^3/min 2.120 scfm		260 m^3/min 9.180 scfm
max. Filter performance [1)]	300 m^3/min 10.595 scfm		1300 m^3/min 45.910 scfm
Supply voltage (See type plate)	230 VAC ± 10% / 50-60Hz / < 8 VA		
Power consumption	P < 8.0 VA (W)		
Recommended cable-jacket diameter	Ø 5.8- 8.5 mm 0.23- 0.34 inch		
Recommended wire cross-section	3x 0.75-1.5 mm^2 AWG 16-18		
Recommended fusing	recommended for AC: 1 A (time-lag) / prescribed for DC: 1 A (time-lag)		
Protection class	IP 65 / NEMA 13		
Potential free contact			
Connection data	AC: max. 250 V / 1A DC: max. 30 V / 1A		
Exclusion from the scope of application			
Not suitable for:	CO_2 plants		

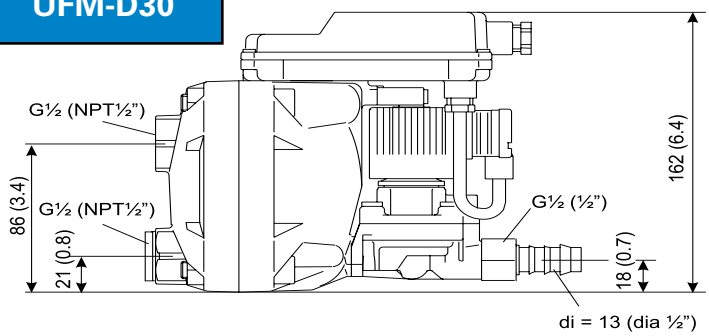
[1)] Max. performance for ambient temperature 20°C. 50% r. h.

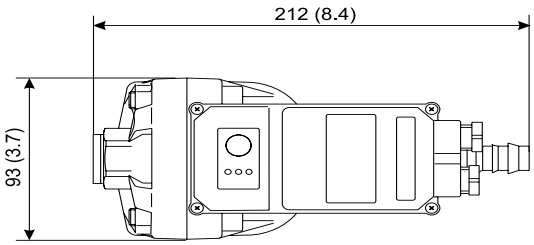
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MATERIALS/ DIMENSIONS

Materials:
Housing: Aluminium, KTL coated
Options:
Heater: 24V; 115 V; 230 V
Insulation cover
Bracket

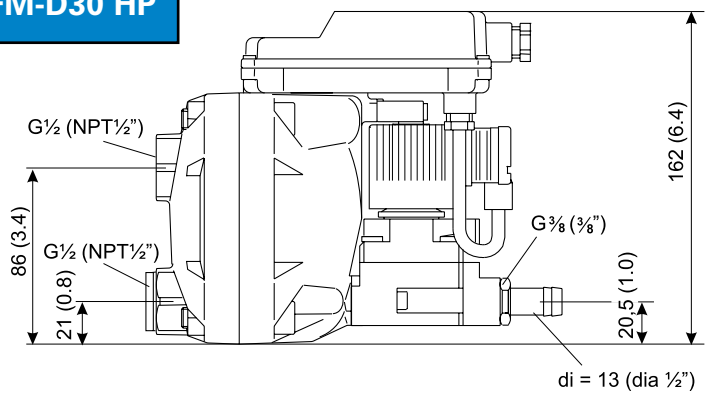
UFM-D30

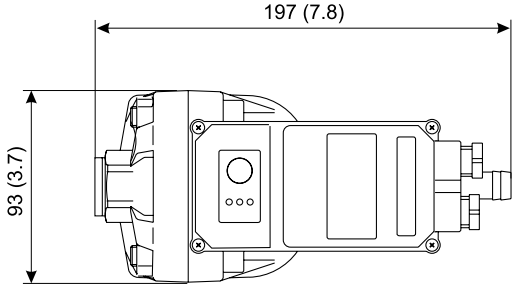




mm
(inch)

UFM-D30 HP

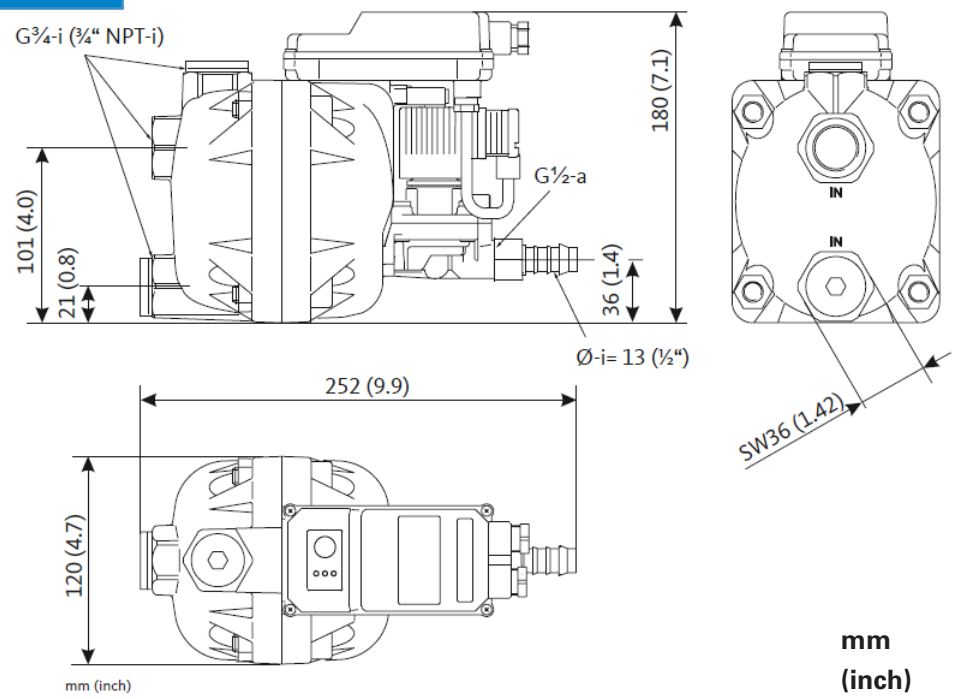




mm
(inch)

Materials:
Housing: Aluminium, KTL coated
Options:
Heater: 24V; 115 V; 230 V
Insulation cover
Bracket

UFM-D130



mm (inch)

For more information please contact your Donaldson Sales Representative and visit our website at **www.donaldson.com**.

Donaldson
FILTRATION SOLUTIONS

Explore our solutions at shop.donaldson.com

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Technical Data Sheet No. F119057 EN (03/26) UFM-D Condensate drain without compressed air loss.
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