



Low Pressure Compressed Air Dryers

The domnick hunter low pressure (LP) heatless desiccant compressed air dryers will provide a continuous supply of clean, oil-free and dry compressed air from two compact and lightweight packages.

With flowrates of 60 cfm (Midi) and 160 cfm (Maxi) respectively at 7 bar g, both units are suitable for bulkhead, wall or deck mounting.

The dryer packages feature high-efficiency inlet and outlet filtration, a constant dewpoint of -40°C (-40°F) dp and fully pneumatic controls as standard.

These compressed air dryers have been used extensively throughout the Royal Navy Surface Fleet for over 10 years.



domnick hunter

Technical Specifications

Air Quality

Particulate Removal Down To:	1 micron
Dewpoint:	-40°C [-40°F] dp
Oil Aerosols	Less than 0.01 mg/m ³

Normal Operation

	60 cfm Dryer	160 cfm Dryer
Flowrates @ 7 bar g:	60cfm	160cfm
Maximum Working Pressure:	10.5 bar g	10.5 bar g
Minimum Working Pressure:	4 bar g	4 bar g
Maximum Inlet Temperature:	50°C	50°C
Minimum Inlet Temperature:	5°C	5°C
Inlet/Outlet Connections:	1/2" BSPP female	2" BSPP female

Filtration

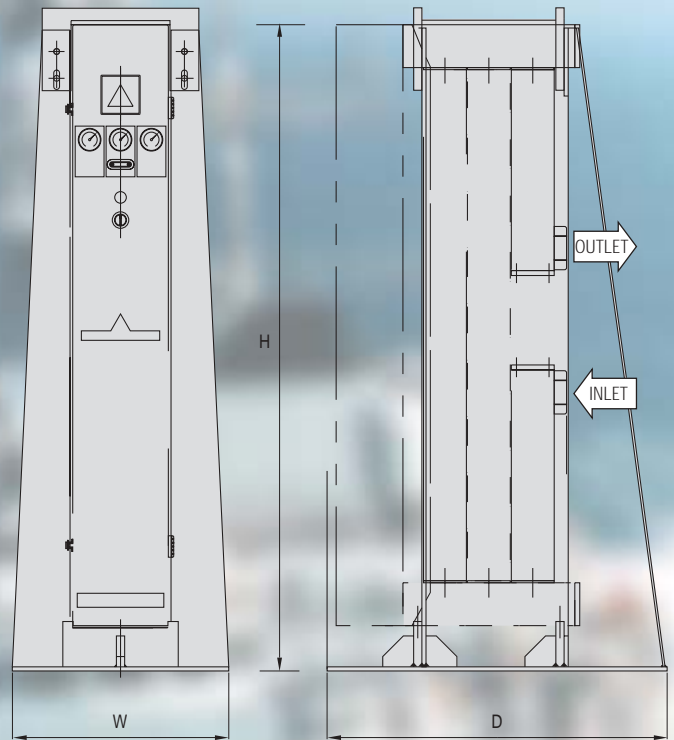
Inlet - Water Separator:	60 127 1540	60 127 1420
High Efficiency Filter:	60 127 3230	60 127 4130
Outlet - Dust Filter:	60 127 2230	60 127 4140

Dimensions and Weight

Height (H):	1568mm	1540mm
Width (W):	525mm	835mm
Depth (D):	825mm	641mm
Weight:	140Kg	265Kgs

Other configurations are available

Low Pressure Compressed Air Dryer 160cfm

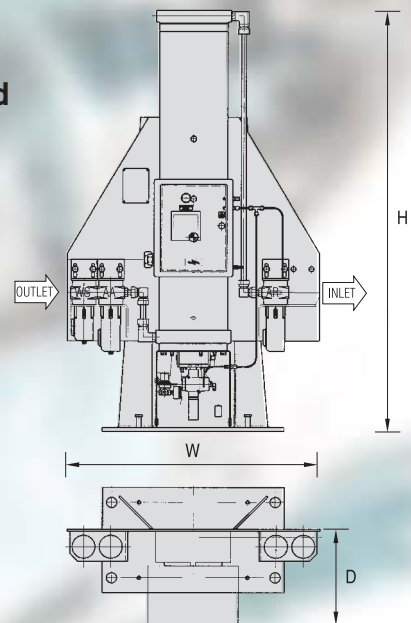


Operation:

Bulk liquid contamination is removed from the inlet airstream by a vortex operation water separator and a high efficiency coalescing filter, both fitted with automatic drains.

Water vapour is then removed by the desiccant air dryer which is controlled by a pneumatically operated can timer. Dewpoint (air quality) is monitored by a hygrometer installed in the control cabinet. Any remaining dust particles are then removed by the high efficiency dust filter.

Low Pressure Compressed Air Dryer 60cfm



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