APEX DA MIDI AIR DRYERS

Features and benefits

◊flow rates of up to 370 Litres/minute
◊Operating pressure range of 3.5 Bar (50psi) to 10 Bar (145psi)
◊Output dew points as low as -70°C
◊PSA technology
◊Easy installation
◊Simple maintenance

Dry Air

Description

Utilising Pressure Swing Adsorption (PSA) technology our Air Dryers provide ideal performance, efficiency and reliability. Ultra dry air is delivered as required. The design of the dryers allows them to be easily wall or stand mounted. Our Air dryers provide flexibility to match your system requirements. Each system can deliver a variety of flow rates and pressures to suit your specifications.

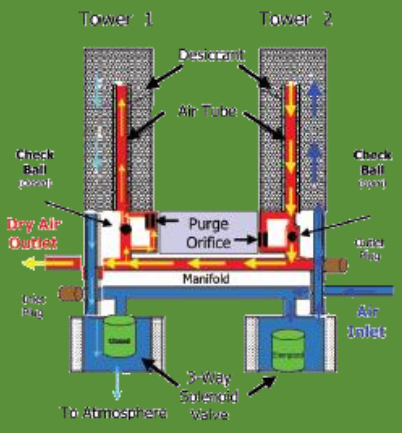
APEX GASGEN

Technical specifications:

Model	DA –MIDI1	DA-MIDI2	DA-MIDI3	DA-MIDI4
Output Air Dewpoint	-40°C / -40°F (-73°C / -100°F as an option)			
Max Air inlet temp.	50°C / 125°F			
Weight	3.2kg / 7lbs	3.6kg / 8lbs	4.1kg / 9lbs	6.4kg / 14lbs
Depth	122mm / 4.8"	122mm / 4.8"	122mm / 4.8"	122mm / 4.8"
Height	257mm / 10.1"	333mm / 13.1"	409mm / 16.1"	612mm / 24.1"
Width	203mm / 8"	203mm / 8"	203mm / 8"	203mm / 8"
output at operating pressure of 6.9Barg/100psig at -40° C dewpoint in l/min	**56**	**116**	**155**	**249**
Inlet air requirement at operating pressure of 6.9Barg /100psig in l/min	80	165	227	340
Output at operating pressure of 10barg/150psig at -40°C dewpoint in l/min	**90**	**186**	**249**	**379**
Inlet air requirement at operating pressure of 10Barg /150psig in l/min	114	235	320	473
Inlet/outlet ports	¼" NPT (⅜ NPT with filters)			

How it works:

Air from an external source enters the generator via the inlet filters. Air then enter the first scrubber tower via a solenoid valve. After passing through the dryer tower the now dry air exits the system via an outlet filter and regulator. A portion of the outlet air is diverted into the second scrubber tower to purge it ready for use. At regular intervals the active tower switches allowing each tower to be purged in turn.



Warranty:

All Apex units are supplied with our standard 1 year warranty. Accompanied with our on-going care and servicing facilities Apex provides the highest quality peace of mind.

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