



Custom Made Air Dryer

Mellcon Engineers has designed, fabricated & supplied Dry Air Chilling Plant to M/s Hindustan Aeronautics Ltd., Hyderabad having specification of delivering 150 CFM and 400 NM3/Hr. at a discharge pressure of 7.0 Bar and a dew point of -40°C and outlet temperature -10 to +5°C for their Research & Development job. The brief description of the equipment is as per the [P & I Diagram \(click here \)](#)

Mellcon Engineers has designed, fabricated & supplied a Compressed Air Heating System to M/s Hindustan Aeronautics Ltd., Lucknow for a capacity of 3000 CFM at 15 Kg/cm² (g) pressure and an outlet temperature of 400°C with the use of Electric Heater. The system was fully Automatic with Temperature Controlling between 200-400°C. The basic scheme of the equipment was as per the [P & I Diagram \(click here \)](#)

Mellcon Engineers has designed, fabricated & supplied a Low Pressure Air Dryer to M/s Defense Research Development Laboratory suitable for production of Lithium Batteries for Research & Development System for delivery of 500 M3/Hr. at 2000mm WC pressure and outlet Dew Point of -40°C and outlet temperature of +20°C to +25°C . The scheme of equipment was as per the [P & I Diagram \(click here \)](#)

For cost comparison of operating of a Heat of Compression Type Air Dryers Vs. Heated Type/Heatless/Refrigerated Type Air Dryers please [click here](#).

OUR PRODUCT RANGES

Air / Gas Dryers	Refrigerated Equipments	Other Products
Heatless Compressed Air Dryer	Air Cooled Water Chillers	Hot Air Blowing Equipment / Air Heaters
Refrigerated Air Dryer	Water Cooled Chillers	Solvent / Liquid Dryer
High Pressure Air/Gas Dryer	Screw Chillers / Chilling Plants	
Blower Heat Regenerated Air Dryer (BHR)	Walk in Coolers / Cold Rooms Units	
Internal Heater Dryer (IHR)	Refrigerant Recovery System	
Heat of Compression Air Dryer (HOC)		Onsite Gas Generators
Split Flow-No Purge Loss Air Dryer (SFNL)		PSA Nitrogen Gas Generator
Custom Made Air Dryer	Storage Systems	PSA Oxygen Gas Generator
Packaged Mobile Dry Air Plant	Liquid CO2 Storage Tanks	
	LPG Storage Systems	Spare Parts
Pressure Regulating Stations ^{NEW}	CO2 Recovery Plant ^{NEW}	Spare part for Air Dryer
Hydrogen Gas Dryer ^{NEW}	CO2 Vaporiser ^{NEW}	Air Receiver Tank For Compressed Air
Instrument Air Quality Standard ^{NEW}		Auto Drain Trap
		Dew Point Apparatus
		Spare Parts for PSA Nitrogen Gas Generator

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