

IDEAL SOLUTION FOR LASER CUTTING LASER DRYER - S1212



CONCEPT S1212 is designed for laser cutting machine application to get desired quality class of compressed air. The Dryer is equipped with all necessary filters required to get desired air quality designed for laser cutting machine.

Specification :

- Flow : 60 to 200 CFM
- MWP : 16 bar
- Air Inlet Temp. : 45°C (Max.)
- Ambient Temp. : 45°C
- Dew Point : Better than -30°C (PDP)
- Inbuilt : Moisture Separator cum Filter, Pre-Filter, After Filter, Activated Carbon Filter, Desiccant + Molecular Sieve Tower.
- Residual oil Content : 0.003 mg/m³
- Particle Down to : 0.01 Micron

Model	CFM	Connection Inlet / Outlet
S1212-60	60 CFM	3/4"
S1212-80	80 CFM	3/4"
S1212-100	100 CFM	1"
S1212-150	150 CFM	1-1/2"
S1212-200	200 CFM	1-1/2"

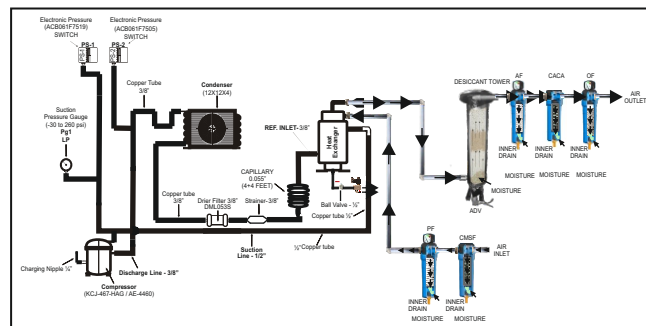
Benefits :

- Low Air Loss Compared
- Less Maintenance
- Guards the lens & other optic system
- Integrated with Moisture Separator, Pre-Filter, Desiccant / Molecular Sieve Tower, After-Filter, Oil Filter and Activated Carbon Filter
- 99% Condensed Moisture is removed before air enter the dryer.

Process : Laser Cutting is a thermal process and the auxiliary gas is necessary to help to ignite the material, such as oxygen or nitrogen but compressed air is more economical choice.

Requirement : The air compression of laser cutting a most economical solution with high speed air product by the air compressor. Usually compressed air of 16 bar is required.

Air Quality Class : Beside high speed air flow, 16 bar pressure, it is also necessary to remove oil and dust particle from the compressed air. usually it is recommended to use compressed air of quality grade 1:4:1 or 1:2:1 (as per ISO 8573-1).



CONCEPT TECHNOSTRUCTURES

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