
**COMPRESSED AIR DRYER
SUGGESTED SPECIFICATIONS
DS**

Suggested specs

DS refrigerated air dryer capable of reducing the temperature of _____scfm of moisture saturated air at _____psig with an inlet air temperature of _____ F to a NFPA Class H pressure dew point (33°F to 39°F) when operating in a _____°F ambient temperature, and removing the condensed liquids (water and others) via an integral centrifugal moisture separator and self actuating drain valve.

Compressed Air Circuit

The dryer shall include precooling and reheating air circuits. The precooling portion of this air circuit shall lower the inlet air temperature to the compressed air, thus reducing the required refrigeration horsepower. The reheater portion of the air circuit shall reheat the cool dry air so as to prevent condensation on the down stream piping.

Heat exchangers used to chill the air and evaporate the refrigerant are to be non-fouling smooth copper tubes and are to be completely encapsulated in flexible closed cell insulation.

Refrigeration system

The dryer shall incorporate a fully hermetic air-cooled refrigeration compressor/condenser, automatic expansion valve, and liquid refrigerant filter dryer. The dryer shall be charged with refrigerant 134A. Refrigerants, such as R12, which are no longer acceptable to the environment, are not to be used.

Controls and instrumentation

The dryer shall be equipped with a pressure dew point colored scale indicator, and a power on light located in the on – off switch.

The drain valve shall be mechanical float type.

Packaging

The dryer shall be shipped in a plastic wrap with a cardboard box mounted on a wooden pallet.

Testing

Each dryer shall undergo a complete refrigerant leak check and working test.

Warranty

The dryer shall carry a comprehensive one- (1) year factory warranty on parts and labor.

Electrical Power shall be 115 volts, 60 Hz, and 1 pH.Dryer shall be Ingersoll-Rand model number.
_____.