



COMPRESSED AIR DRYER

FULL PERFORMANCE IN A COMPACT SIZE

The Sterling SMD and SCD Series Compressed Air Dryers offer a compact size with full capabilities of drying performance. Both series of dryers are available in 30 (50 m³/hr) and 60 cfm (100 m³/hr.) The dryers are able to be on-line and operational in just minutes. They are housed in a cabinet style design.

The SCD dryer model reduces the incoming compressed air source dew point to process up to 50°F. With the added membrane option, the SMD dryer model can quickly and easily achieve a process air dew point of -40°. This is maintained as long as there is proper air flow and pressure through the unit. Standard voltage is 460/3/60. Other voltages are available. CE models are also available.

The SCD and SMD are controlled by an easy-to-use off-the-shelf microprocessor that provides digital temperature control up to 300°F with 400°F high temperature option available. Alarm diagnostics are also available. The control system of the SCD and SMD complies with NFPA79, UL, and CUL for maximum safety. This feature includes an electrical disconnect and branch fusing as well as many other electrical safety features.

The SCD and SMD are designed to run maintenance-free. They are equipped with a stainless steel heater box and premium Incoloy[®], heaters for dependable service. Also, there is a high efficiency 0.1 micron filter assembly for the assurance of clean air on the models equipped with the membrane.

SCD Models Include:

- Drying capabilities down to -10°F dewpoint
- Heating capabilities up to 300°F
- Large particle compressed air filter
- 12' high-temperature silicone hose and clamps for process air
- Rubber feet
- Thermocouple for hopper inlet
- Exhaust air cartridge filter



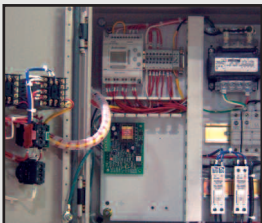


SMD Models Include:

- Filter/Membrane
- Membrane dryer for -40°F dewpoint process air
- High efficiency 0.1 micron air filter package
- Heating capabilities up to 300°F
- Compressed air filter assembly with dirty filter indicator and air pressure gauge
- 12' high-temperature silicone hose and clamps for process air
- Rubber feet
- Thermocouple for hopper inlet
- Exhaust air cartridge filter

Standard Controller Features

- Off-the-shelf 1/16 DIN temperature controller
- Programmable Logic control system
- Enclosure meets NFPA 79, UL and CUL electrical standards
- Non-fused disconnect
- High process temperature alarm light
- Automatic shutoff system to monitor compressed air supply



All SCD and SMD control systems include an electrical disconnect and branch fusing for maximum safety.

Optional Controller Features

- Audible alarm with silence button
- Digital dewpoint monitor -40°F

Performance

- Designed for continuous 24 hour operation
- Designed for maintenance-free operation

Options

- Casters
- High temperature (400°F) package
- CE models available
- Any three-phase supply voltage
- Portable cart
- Stainless steel drying hopper
- Additional compressed air pre-filter assembly



The microprocessor controller features digital temperature control.



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