

SCD 30, 60 SERIES



Compressed Air Dryers

RUGGED, MODULAR CONSTRUCTION FOR DEPENDABLE PERFORMANCE

SCD 30 and SCD 60 models are ideal for the drying of thermoplastic pellets and regrind before processing in order to remove all remaining moisture from the pellets both inside and out, independent of climate or ambient air conditions.

Sterling's SCD 30 and SCD 60 compressed air dryers offer full performance in a compact size. The dryer cabinet style is designed for maximum safety, and premium quality Incoloy® heaters provide dependable service. Sterling compressed air dryers are virtually maintenance free and are designed for 24 hour continuous operation.



Features

- Mitsubishi programmable relay controller
- 1/16 DIN PID temperature controller
- Drying temperature of 110°-300° F (43°-149°C) (air supply temperature must be lower than process temperature)
- NFPA79, US and CUL machinery electrical standards, including NEMA 12 enclosure, nonfused electrical disconnect, solid state relay for heater control, branch fusing, and "Process High Temp" alarm light
- High process temperature safety
- Automatic shut-off system to monitor compressed air supply
- Dual compressed air filter assembly with dirty filter indicator and air pressure gauge
- Thermocouple for hopper inlet
- 12' high-temp silicone hose and two clamps
- Operates with 460/3/60 (other voltages available, consult factory)
- Average dewpoint depression of 50°F (10°C) (as low as -10°F [-12°C] if the plant air compressor is equipped with a refrigerated air dryer)
- Full load amps (at 460/3/60): SCD 30 – 4.25
SCD 60 – 8
- Compressed air requirements; SCD 30 – 5 SCFM; at 80 psi; SCD 60 – 10 SCFM at 80 psi
- Air inlet/outlet OD: SCD 30 – 2" (51 mm)
SCD 60 - 2.5" (63 mm)
- Approximate weight: 125 lbs (60 kgs)
- Capacity: SCD 30 – 30 cfm (50 m³/h) SCD 60 – 60 cfm (100 m³/h)

Options

- 12' insulated process hose
- Additional compressed air pre-filter assembly mounted on outside of dryer cabinet
- Exhaust air cartridge filter (350° F [177° C] maximum)
- Casters
- Dewpoint monitor (-40°)
- Audible high process temperature alarm with reset button compliance: touch-safe fuse holders for Euro fuses, and touch-safe transformer
- Portable cart

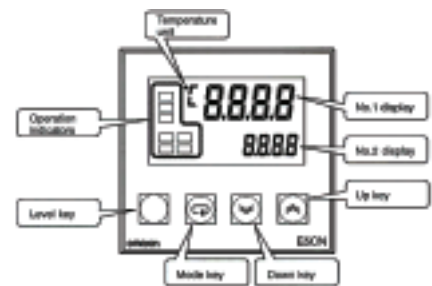
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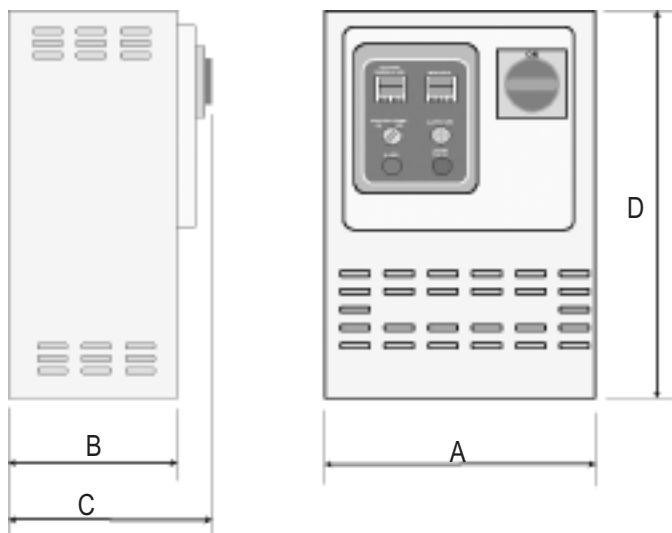
SPECIFICATIONS

	SCD30	SCD60
Process Air Flow, cfm (m3/hr)	30 (50)	60 (100)
Standard Voltage	460/3/60	
Full Load Amps	4.25	8
Air Outlet O.D., in. (mm)	2.5 (64)	2.5 (64)
Compressed Air Requirements SCFM @ 80 psi	5	10
Width, in. (mm)	20 (510)	25 (635)
Depth, in. (mm)	16 (410)	16 (410)
Height, in. (mm)	32 (815)	32 (815)
Weight, lbs. (kg)	125 (60)	155 (70)

STANDARD CONTROLLER



DIMENSIONS



Dimension, in. (mm)	SCD30	SCD60
A	22 (560)	25 (635)
B	12.75 (325)	12.75 (325)
C	16 (410)	16 (410)
D	28 (715)	28 (715)