



# THE SULLAIR DR-13

## OIL FREE AIR COMPRESSOR DESIGNED FOR RENTAL APPLICATIONS

### Ideal for applications requiring temporary oil free compressed air including:

- Pharmaceuticals
- Food and beverage manufacturing
- Electronics
- High-technology manufacturing
- Bottling
- Emergency air
- Standby air
- Supplemental air
- Peak load sharing

### Reliable Package Design

- Suitable for outdoor application
- Oil field skid
- Stainless steel piping
- TEFC severe duty mill and chem motor
- Air cooled package
- NEMA4 control box and NEMA 12 package

### Superior Performance

- Heavy-duty sound-attenuated enclosure
- Solid state reduced voltage starter
- Cold weather protection

### User-friendly, Rental-ready Features

#### Including:

- Built-in circuit breaker
- External user connections
- Single point lift
- Fork lift pockets
- Containment frame
- Easy access, lockable service doors
- Integrated and fully automated control systems with sequencing capabilities

# TECHNICAL SPECIFICATIONS

FOR MORE INFORMATION, CONTACT YOUR LOCAL AUTHORIZED SULLAIR DISTRIBUTOR.

## THE SULLAIR DR-13 FEATURES:

### Energy Savings

- Flange mounted TEFC motor
  - Premium efficiency
  - Severe duty chem and mill

### Compressor Controls

- The DR-13 features the Sullair Supervisor™ Microprocessor Controller

### Flexibility to Meet a Variety of Applications

- Power from 100 to 200 hp
- Air flows from 428 to 785 acfm
- Adjustable pressure from 70 to 125 psig

### Legendary Sullair Air End

- Positive displacement, two stage oil free air end
- Anti-friction bearings for long life

MODELS AND SPECIFICATIONS				
Model	100H	125H	150H	200H
Horsepower <i>hp</i>	100	125	150	200
Capacity <i>acfm</i>	428	517	640	785
Rated Pressure <i>psig</i>	125	125	125	125

  

WEIGHTS AND DIMENSIONS	
Length <i>in</i>	144
Width <i>in</i>	72
Height <i>in</i>	80
Weight <i>lbs</i>	11,700
Discharge Connection <i>in</i>	2 ½ NPT

## AIR QUALITY STANDARDS — ISO 8573-1 CLASSES

Class	Solid Particle Maximum number of particles per m <sup>3</sup>			Pressure Dew Point °F (°C)	Oil (incl. vapor) mg/m <sup>3</sup>
	0.1–0.5 micron	0.5–1.0 micron	1.0–5.0 micron		
<b>0</b>	<b>As specified by the end-user or manufacturer, and more stringent than Class 1</b>				
1	≤ 20,000	≤ 400	≤ 10	≤ -94° (-70°)	0.01
2	≤ 400,000	≤ 6,000	≤ 100	≤ -40° (-40°)	0.10
3	—	≤ 90,000	≤ 1,000	≤ -4° (-20°)	1.00
4	—	—	≤ 10,000	≤ 37.4° (3°)	5.00
5	—	—	≤ 100,000	≤ 44.6° (7°)	—
6	—	—	—	≤ 50° (10°)	—

**Class 0 Oil Free Air** — For applications in which air purity is essential, including pharmaceuticals, food and beverages, electronics, automotive painting, and textiles.

Under the ISO 8573-1 Class Zero classification, Sullair compressors are designed to operate oil free, minimizing the risk of contaminating the process air or gas.



Common Air Contaminants

