Category: 98% Air Dryer Series Air Compressor
UPC: 850053943331

20 Gallon
6 HP Motor
125 PSI MAX
12.0 CFM @90PSI
78 Decibels
98% Dry Air

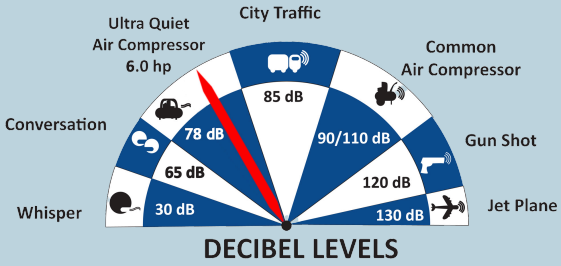


SPECIFICATION SHEET

Model: 20060DCC

PRODUCT OVERVIEW

The CALIFORNIA AIR TOOLS 20060DCC Ultra Quiet, **Ultra Dry** Oil-Free 20-Gallon Air Compressor with 98% Air Drying System is designed to be one of the quietest 6.0 Hp air compressors in the industry having only 78 decibels of sound.



FEATURES

- The CALIFORNIA AIR TOOLS 20060DCC **Ultra Quiet,** Ultra Dry Oil-Free 20-Gallon Air Compressor with 98% Air Drying System is designed to be one of the quietest 6.0 Hp air compressors in the industry having only 78 decibels of sound.
- The Powerful Triple (3) 2.0 HP (SP-9421-22060) motor-pumps operate at only 1680 RPM creating less noise and less wear.
- The SP Series of Ultra Quiet Air Compressor Motors have been designed to increase duty cycle and allow for longer continuous run times.





BENEFITS

The Oil-Free Dual Piston Pump System is engineered for high performance and durability. The CAT-20060DCC Air Compressor has a Oil-Free Dual Piston pump designed to have a life cycle before wear of 3000 Plus hours. The Oil-Free pump allows for use in a variety of temperatures (cold starts) and eliminates oil from being in the air.

The large 20 Gallon Steel Air Tank is just the right size for dental practices and milling, manufacturing clean rooms, restaurant/bakery and general pneumatics that require clean ultra-dry air.

The 98% Air Dryer is specially designed to remove up to 98% of the water vapor from the air to protect sensitive tools and machinery.

To dry the air from the air compressor an Aftercooler and 98% Air Dryer are utilized via a highly efficient twin-tower auto purging system. The aftercooler is a heat exchanger for cooling the discharge air from the air compressor. The water vapor from the compressed air is condensed into liquid form and pushed into the 98% Air Dryer. The easy to replace “Spin-On” Air Dryer Cartridges have a regenerating High-Temperature Molecular Sieve Desiccant to dry the air. This cartridge dryer has an average life of 2-years before replacement.

Designed for the person looking for Power, Dry Air, Air Flow and Less Service with at Least 30% Less Noise!

- ISO 8573 2.3.1 Compliant (class 2/3 dry air):
- Water Pressure Dew Point (PDP) performance range (-20′ F. to -51′ F.)
- Air Quality: ISO 8573 – Class 2.3.1
- 5 um and 0.01 um particulate filtering

PARTICLE: Class 2–3: Moderate filtration, particle size up to 1 µm (Class 2) or 5 µm (Class 3). Common in food & beverage, chemical processing, and precision engineering where clean air prevents product contamination and equipment wear.

WATER CONTENT: Class 2–3: Pressure dew point between −40 °C and −20 °C. Common in food & beverage processing, chemical plants, and medical applications where low moisture prevents contamination and corrosion.

OIL CONTAMINATION: Class 1: Allows a maximum of 0.01 mg/m³, required in industries like food, beverage, or healthcare.

Air Quality classes defined in ISO 8573

There are standardized compressed air quality classes which makes easier for manufactures to define required air quality to ensure trouble free operation of their equipment.

The ISO specify 3 major contaminants of compressed air - **solid particles**, **water,** and **oil**. These contaminants are specified by 3 digits that are referring to purity class from table below.
Particle size and density - Definition of the size and concentration of solid matter particles like dirt or rust that may remain in the compressed air.
Pressure dew point - Definition of the temperature to which the compressed air can be cooled without condensation of the moisture it contains. The pressure dew point changes with the air pressure.
Oil content - Definition of the residual quantity of aerosols and hydrocarbons contained in the compressed air.

Class	Solid particles per m3			Water	Oil
	0.1 - 0.5 micron	0.5 - 1 micron	1 - 5 micron	Pressure dew point in °C	Residual oil content in mg/m³
1	100	1	0	-70	0,01
2	100 000	1000	10	-40	0,1
3	-	10 000	50	-20	1
4	-	-	1000	+3	5
5	-	-	2000	+7	-
6	-	-	-	+10	-

Selecting an air purity class of 2.3.1, would specify the following air quality when operating at the standard's reference conditions:

Class 2 Particles
In each cubic meter of compressed air, no more than 100,000 particles in the 0.1 - 0.5-micron size range are allowed. In each cubic meter of compressed air, no more than 1,000 particles in the 0.5 - 1 micron size range is allowed. In each cubic meter of compressed air, no more than 10 particles in the 1 - 5-micron size range is allowed.

Class 3 Water
A pressure dewpoint of -20°C

Class 1 Oil
In each cubic meter of compressed air, not more than 0.01mg of oil is allowed. This is a combined level for both oil aerosol and oil vapor.

SPECIFICATIONS

Specification	Details
Material	Alloy Steel
Color	Silver
Weight	239 Pounds
Height	30 inches
Item Dimensions L x W x H	44"L x 24"W x 30"H
Capacity	20 Gallons
Maximum Current	24 Amps
Voltage	220 Volts
Noise Level	78 dB
Horsepower	6.0 Hp
CFM 40 PSI	16.30
CFM 90 PSI	12.00

FEATURES

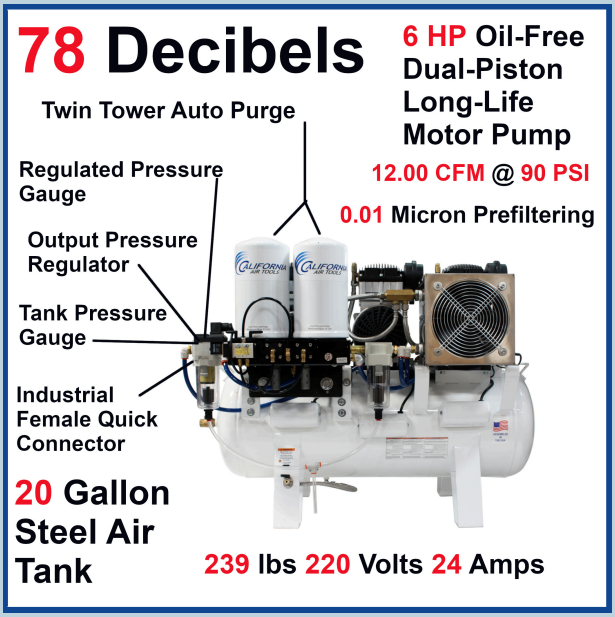
1. **Ultra Quiet – Only 78 decibels**
2. Oil-Free Pump (Class 1) – Cleaner air for better tool operation.
3. Less maintenance and Costs.
4. 0.01 Micron Prefilters (2 total)
5. 1/2″ NPT female port
6. NOTE: No output pressure regulator, quick connector or air hose included**
7. Condor Pressure Switch
8. Thermal Overload Protector
9. 125 PSI Maximum Pressure
10. 220 Volts / 60 Hertz / Single Phase – (No 208 Volts – if necessary, obtain 208 to 230 voltage booster)
11. Amp Draw – 24 Amps (operating average 18-20 Amps)
12. 30 Amp Breaker Required
13. Time to fill tank from empty to full – 93 Seconds
14. Recovery time from 95 PSI to 125 PSI – 32 Seconds
15. Duty Cycle – 70/30*
16. Less heat which dissipates more efficiently
17. 20 Gal. Steel Air Tank
18. L (44″) x W/D (24″) x H (30″)
19. Weight: 239 lbs
20. Air Dryer Cartridge uses two (2) High-Temperature Molecular Sieve Desiccant Towers
21. Easy to remove (spin off) and replace every 2 years
22. Aftercooler (condenser)
23. PDP performance range (-20′ F. to -51′ F.)*
24. Air Quality: ISO 8573 – Class 2.3.1
25. 1 Year Limited Warranty
26. Comes complete (6) Air Filters
27. Plug Type: Nema L6-30P (fits Nema L6-30R outlet /receptacle)
28. Cord Length: 7ft
29. Commercial Use: Refer to State & City Codes
30. Non-ASME Air Tank
31. Assembled in USA with global components

Product Overview:

California Air Tools 20060DCC Website

COMPATIBLE ACCESSORIES

- 16 Piece Air Hose & Air Tool Accessory Kit (CAT-376)
- California Air Tools Hybrider Flex 1/4in 25 Foot Hybrid Air Hose



Part Number	CAT-20060DCC
UPC	850053943331
Shipping Dimensions	48”L x 40"W x 38"H
Shipping Weight	313 lbs
Shipping Class	85
Ship Type	LTL
Cage Code	7VRJ0
HTSUS	8414.80.1685
Country of Origin	MEXICO

CALIFORNIA AIR TOOLS | 8560 Siempre Viva Rd, San Diego, CA 92154, USA | (866) 409-4581 | info@californiaairtools.com