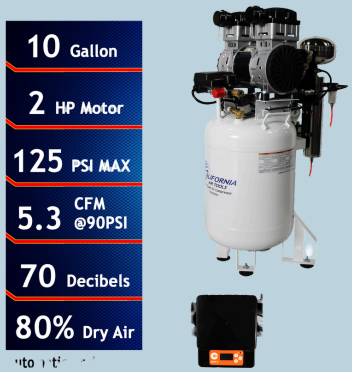
Category: 80% Air Dryer Series Air Compressor
UPC: 850053943546

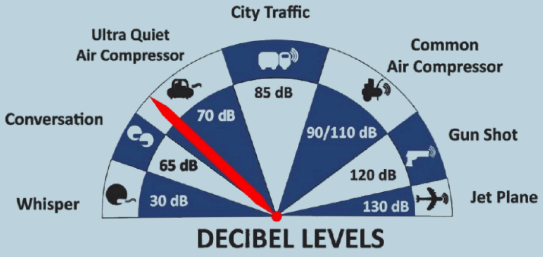


SPECIFICATION SHEET

Model: 10020DSMAD

PRODUCT OVERVIEW

The CALIFORNIA AIR TOOLS 10020DSMAD Ultra Quiet & Oil-Free Air Compressor, with Automatic Drain Valve, is designed to be one of the quietest 2.0 horse power air compressors in the industry having only 70 decibels of sound.



FEATURES

- The MDR2i OLED Smart Controller may be connected to mobile phones, tablets, notebooks, or computers. The controller can be used as an access point or can be connected to a Wi-Fi network. Compressor features and parameters may be entered and controlled comfortably along with remote monitoring.
- The powerful 2.0 HP motor operates at only 1680 RPM creating less noise, vibration and creating less wear. The Oil-Free Dual Piston Pump System is engineered for longevity, high performance and durability.





BENEFITS

The SP-9421 Motor/Pump is tested for a minimum pump life of 3000 hours before service. 30% more life before repair. The SP Series of Ultra Quiet Air Compressor Motors have been designed to increase duty cycle and allow for longer continuous run times. The large 10.0 gallon steel air tank is only 91 lbs.

The 80% Air Dryer is specially designed to remove the water vapor from the air to protect sensitive tools and machinery. To dry the air from the air compressor an Aftercooler and 80% Air Dryer are utilized. 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 Air Dryer.

The California Air Tools EZ-1 Automatic Drain Valve has been designed to eliminate manually draining your air compressor air tank. The manually set timer allows you to set the time for both the frequency and duration of the draining process.

The Easy Start Valve feature allows for a easier start up using less starting amps. The Easy Start Valve releases a small amount of air from the pump at start up to produce a no-load condition allowing the motor to spin freely.

This no-load start up requires less amps for a easier start up in cold temperatures. Designed for the person looking for Power, 80% Dry Air and Less Service with at Least 30% Less Noise! Ideal for Dental, Milling, Bio-Tech, Manufacturing, Packaging, Restaurant and General Engineering Applications.

Includes MDR2i OLED Smart Pressure Controller for remote monitoring and control:

- Programmable ON/OFF Times
- Pressure ON Level
- Pressure OFF Level
- Unloader Relay Delay
- Auto Drain Time
- Drain Valve Time
- Overcurrent Limit
- Pressure Units
- Total Active (Motor-Pump) Running Hours



SPECIFICATIONS

Specification	Details
Material	Alloy Steel
Color	White
Weight	95 Pounds
Height	35 inches
Item Dimensions L x W x H	16"L x 23"W x 35"H
Capacity	10 Gallons
Maximum Current	14 Amps
Voltage	110 Volts
Noise Level	70 dB
Horsepower	2.0 Hp
CFM 40 PSI	6.40
CFM 90 PSI	5.30

FEATURES

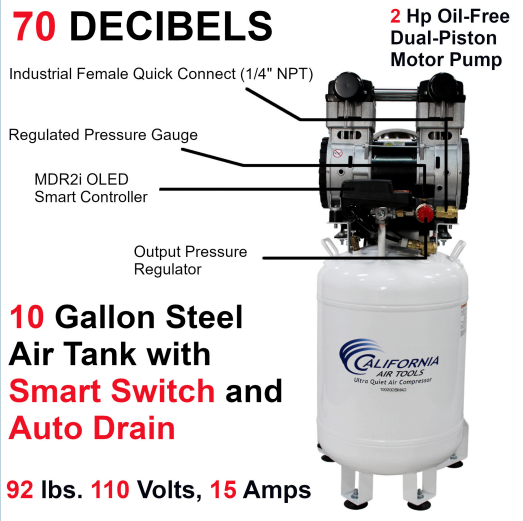
1. **Ultra Quiet** – Only 70 decibels
2. Oil-Free Pump – Cleaner air for better tool operation.
3. Less maintenance and Costs.
4. Regulated output pressure gauge
5. Output Air Pressure Regulator (0-120 PSI) with 5um (micron) filtration
6. One – Female Industrial “Push to Connect” quick connector (1/4″ NPT)
7. Easy Start Valve – For Less Starting Amperage
8. MDR2i OLED Smart Controller for remote monitoring and control
9. Thermal Overload Protector
10. Working Pressure 90-120 PSI (+/-5 PSI). Adjustable up to 105 PSI Kick-On; 130 PSI Kick-Off maximum.
11. 110v / 60 Hz
12. Low Amp Draw – Only 14.0 Amps
13. Tank fill rate from empty to full – 130 Seconds
14. Recovery time from 95 PSI to 125 PSI – 40 Seconds
15. Duty Cycle – 70/30*
16. L (16″) x W (23″) x H (35″)
17. 95 pounds
18. Non-ASME Air Tank
19. Air Dryer – Includes Activated Alumina desiccant with a 3000-4000 hour life.
20. Activated Alumina is used in air prepurification (due to it’s high water
21. and carbon dioxide adsorption capacity) and adsorption of sulphur
22. compounds.
23. Aftercooler (condenser)
24. EZ-1-2321 Auto Drain Valve Factory Installed
25. 1 Year Limited Warranty
26. Manufactured in Mexico-USA. Assembled in USA using global components.
27. Commercial Use: Refer to State & City Codes.

Product Overview:

[California Air Tools 10020DSMAD 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
- 8mm PTFE Black Hose Tubing (10 feet long) to connect to Automatic Drain Valve
- EZ2321ADL Automatic Drain Valve Long Extension Kit (110v 60 hz)



Part Number	CAT-10020DSMAD
UPC	850053943546
Shipping Dimensions	30”L x 30"W x 43"H
Shipping Weight	131 lbs
Shipping Class	85
Ship Type	Freight
Cage Code	7VRJ0
HTSUS	8414.80.1685
Country of Origin	USA

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