![California Air Tools logo]

CALIFORNIA AIR TOOLS 10020HDSMADC Powerful 2.0 Hp SMART Ultra Quiet & Oil-Free 10 Gallon Air Compressor with 98% Air Dryer and Automatic Drain Valve

10 Gallon
2 HP Motor
125 PSI MAX
5.3 CFM @90PSI
70 Decibels
98% Dry Air
ISO 8573 2.3.1 Compliant

SMART SWITCH CONTROL

2.0 HP (Rated/Running)

10 Gallon Steel Horizontal Air Tank

6.40 CFM @ 40 PSI
5.30 CFM @ 90 PSI

110 Volts / 60 Hertz / Single Phase

70 Decibel Noise Level

The CALIFORNIA AIR TOOLS 10020HDSMADC Ultra Quiet 2 Hp Oil-Free 10-Gallon Air Compressor, with Automatic Drain Valve, is designed to be one of the quietest 2.0 horsepower air compressors in the industry having only 70 decibels of sound.

70 Decibels

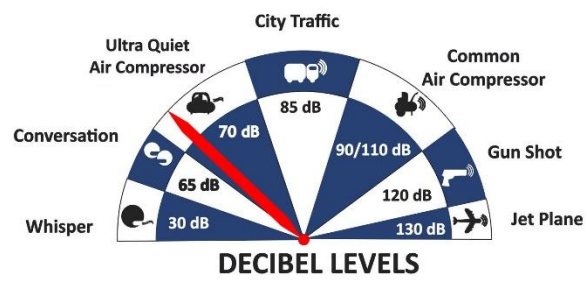**2 Hp Oil-Free Dual-Piston Motor-Pump**

Easy Start Valve

MDR2i OLED Smart Pressure Switch

Female Industrial Quick Connect (1/4" NPT)

Air Drying System

Output Pressure Regulator

100 lbs. 110 Volts 15 Amps

CALIFORNIA AIR TOOLS

The Powerful Twin 2.0 HP (SP-9421-22060) motors operate at only 1680 RPM creating less noise and less wear.

City Traffic

Ultra Quiet Air Compressor

Common Air Compressor

85 dB

70 dB

90/110 dB

Conversation

65 dB

120 dB

Gun Shot

Whisper

30 dB

130 dB

Jet Plane

DECIBEL LEVELS

ULTRA QUIET

ONLY 70 DB NOISE LEVEL

The Oil-Free Dual Piston Pump System is engineered for high performance and durability.

The CAT-10020HDSMADC SMART Air Compressor has an 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 uneven terrains (no oil in the pump).

The large low profile 10 Gallon Steel Horizontal Air Tank makes storing under a bench, desk, or shelf very easy.

MDR2i OLED Smart Pressure Switch

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

The MDR2i OLED Smart Switch may be connected to mobile phones, tablets, notebooks, or computers. The switch 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.

Features:

- **Programmable ON/OFF Times**
- **Pressure ON Level** (i.e. re-start pressure)
- **Pressure OFF Level** (i.e. shutdown pressure)
- **Unloader Relay Delay:** Delay time for activation of the unloader valves during compressor start-up (load reduction).
- **Auto Drain Time:** Select the time between each drain activation.
- **Drain Valve Time:** Auto Drain valve opening duration.
- **Overcurrent Limit:** (i.e. functions as an electrical trip/breaker).
- **Pressure Units:** Select [bar] or [PSI]
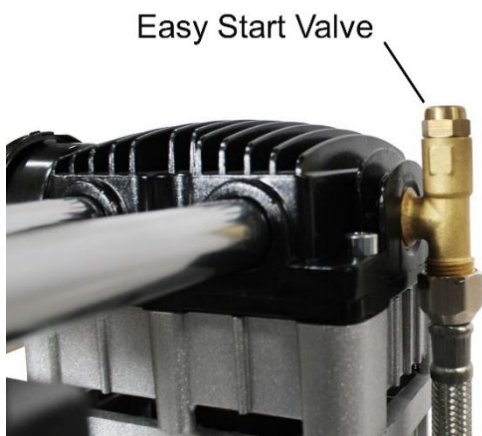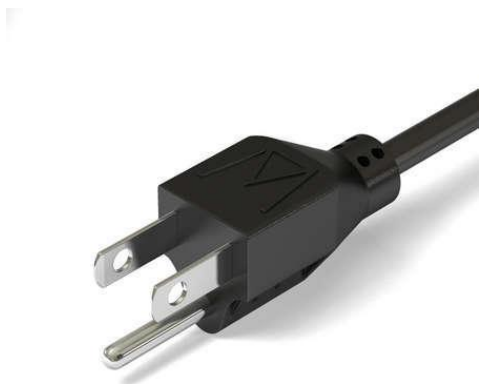- **Total Active (Motor-Pump) Running Hours**

EZ-1-2301 Auto Drain Valve (with manual drain valve)

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

Easy Start Valve

This cartridge dryer has a life of 2-years before replacement.

Electrical Connectivity

PDP performance range (-20' F. to -51' F.)

Air Quality: ISO 8573 - Class 2.3.1

To dry the air from the air compressor an Aftercooler and 98% 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 easy to replace "Spin-On" Air Dryer Cartridge has a regenerating High-Temperature Molecular Sieve Desiccant to dry the air.

FEATURES

* Ultra Quiet - Only **70 decibels**
* Oil-Free Pump (Class 1) – Cleaner air for better tool operation.
                              - Less maintenance and Costs.
* Regulated output pressure gauge
* Pressure Regulator (0-120 PSI)
* One - Female Industrial "Push to Connect" quick connector (1/4" NPT)
* 0.01 Micron Prefilter
* 5.0 Micron (Class 2) Air Filter & Regulator
* Easy Start Valve - For Less Starting Amperage
* MDR2i OLED Smart pressure switch for remote monitoring and control
* Thermal Overload Protector
* Working Pressure 90-120 PSI (+/-5 PSI). Adjustable up to 105 PSI Kick-On; 130 PSI Kick-Off maximum.
* 110v / 60 Hz
* Low Amp Draw - Only 14.0 Amps
* Time to fill tank from empty to full - 120 Seconds
* Recovery time from 95 PSI to 125 PSI - 25 Seconds
* Duty Cycle - 70/30*
* L (20") x W (28") x H (26")
* Air Dryer Cartridge uses a High-Temperature Molecular Sieve Desiccant
  Easy to remove (spin off) and replace every 2 years.
* Aftercooler (condenser)
* PDP performance range (-20' F. to -51' F.)
* Air Quality: ISO 8573 - Class 2.3.1
* EZ-1-2321 Auto Drain Valve Factory Installed
* Comes complete (2) Air Filters
* 1 Year Limited Warranty
* Manufactured in Mexico-USA. Assembled in USA using global components.
* Non-ASME Air Tank
* Commercial Use: Refer to State & City Codes

For more information and to watch a 10020HDSMADC product demonstration please visit California Air Tools: https://www.californiaairtools.com/smart-air-compressors/cat-10020hdsmadc/