

80% & 98% Dry Air Compressor Models

California Air Tools Ultra Quiet & Oil-Free Air Compressors with Air Drying Systems are designed for industries such as, Dental, Dental Lab, Medical, Biotech, Restaurant, Packing Systems, Laser, Plasma, Electronic/Chip manufacturing, 3D Printing and equipment with a need for Clean Dry Air.

California Air Tools offers two series of air dryer air compressors:

1. **Ultra Dry Air Compressors - 98% Dry Air (ISO 8573).** 98% Ultra Dry Air Dyer models are specially designed to remove 98% of the water vapor from the air to protect sensitive tools and machinery, such as in Electronic Clean Rooms, Dental Labs/Milling, Surgical, Restaurant/Bakeries, Plasma Cutters, Bottling Systems, etc.
 - **PDP (dew point) performance range (-20' F. to -51' F.)**
 - **Air Quality: ISO 8573 - Class 2.3.1**

2. **General Dry Air Compressors - 80% Dry Air.** Models featuring an 80% Air Dryer remove approximately 80% of the water vapor from the air and are more commonly used most Dental offices, some Dental milling machines, CO2/Laser, Beverage Dispensers, Wineries, Packing Systems, some CNC machines and any other equipment that calls for general 'dry air'.
 - **To operate (1) each Dental Chair/Handpiece, you need 1.0 Hp.**
 - **To operate (1) each Dental Milling Machine*, you will typically need either a 2 hp, 4 hp or 6 hp depending on cfm and hourly run times****

10010DC

10 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer 110 Volts

10 Gallon 1 HP Motor 125 PSI MAX 2.2 CFM @90PSI 60 Decibels 80% Dry Air		70 DECIBELS 2 Hp Oil-Free Dual-Piston Long-Life Motor Pump Industrial Female Quick Connect Output Pressure Regulator Regulated Pressure Gauge Tank Pressure Gauge 10 Gallon Steel Air Tank 91 lbs. 110 Volts, 15 Amps
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10010DCAD

10 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve 110 Volts

<p>10 Gallon</p>		<p>60 Decibels</p>	<p>1 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p>
<p>1 HP Motor</p>		<p>Regulated Pressure Gauge</p>	<p>Output Pressure Regulator</p>
<p>125 PSI MAX</p>		<p>Tank Pressure Gauge</p>	<p>Industrial Female Quick Connect</p>
<p>2.2 CFM @90PSI</p>		<p>10 Gallon Steel Air Tank with Air Drying System with Auto Drain</p>	<p>75 lbs. 110 Volts 8.5 Amps</p>
<p>60 Decibels</p>			
<p>80% Dry Air</p>			

10010LFDC

10 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer with Long-Life Motor-Pump 110 Volts

<p>10 Gallon</p>		<p>60 Decibels</p>	<p>1 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p>
<p>1 HP Motor</p>		<p>Regulated Pressure Gauge</p>	<p>Output Pressure Regulator</p>
<p>125 PSI MAX</p>		<p>Tank Pressure Gauge</p>	<p>Industrial Female Quick Connect</p>
<p>2.2 CFM @90PSI</p>		<p>10 Gallon Steel Air Tank Aftercooler and Air Dryer</p>	<p>75 lbs 110 Volts 7.6 Amps</p>
<p>60 Decibels</p>			
<p>80% Dry Air</p>			

10010LFDCAD

10 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer with Long-Life Motor-Pump with Automatic Drain Valve 110 Volts

<ul style="list-style-type: none"> 10 Gallon 1 HP Motor 125 PSI MAX 3.0 CFM @90PSI 60 Decibels 80% Dry Air 		<p>60 Decibels</p> <p>Regulated Pressure Gauge</p> <p>Tank Pressure Gauge</p> <p>1 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p> <p>Output Pressure Regulator</p> <p>Industrial Female Quick Connect</p> <p>10 Gallon Steel Air Tank</p> <p>Aftercooler, Air Dryer, and Auto Drain</p> <p>76 lbs</p> <p>110 Volts</p> <p>7.6 Amps</p>
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8010DSPC

8 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer in Sound Proof Cabinet 110 Volts

<ul style="list-style-type: none"> 8 Gallon 1 HP Motor 115 PSI MAX 3.0 CFM @90PSI 40 Decibels 80% Dry Air 		<p>40 Decibels</p> <p>Tank Pressure Gauge</p> <p>Regulated Pressure Gauge</p> <p>Pressure Regulator Knob</p> <p>Industrial Female Quick Connect</p> <p>1 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>8 Gallon Steel Air Tank with Air Dryer in Sound-Proof Cabinet</p> <p>156 lbs. 110 Volts, 7.6 Amps</p>
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8010DSPCAD

8 Gallon, 1.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve in Sound Proof Cabinet 110 Volts

<p>8 Gallon</p>		<p>40 Decibels</p>	<p>1 Hp Oil-Free Dual-Piston Long-Life Motor- Pump</p>
<p>1 HP Motor</p>		<p>Tank Pressure Gauge</p>	<p>Regulated Pressure Gauge</p>
<p>115 PSI MAX</p>		<p>Pressure Regulator</p>	<p>Knob</p>
<p>3.0 CFM @90PSI</p>		<p>Industrial Female Quick Connect</p>	
<p>40 Decibels</p>		<p>8 Gallon Steel Air Tank with Air Dryer in Sound-Proof Cabinet</p>	<p>156 lbs. 110 Volts, 7.6 Amps</p>
<p>80% Dry Air</p>			

10020DC

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer 110 Volts

<p>10 Gallon</p>		<p>70 DECIBELS</p>	<p>2 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p>
<p>1 HP Motor</p>		<p>Industrial Female Quick Connect</p>	<p>Output Pressure Regulator</p>
<p>125 PSI MAX</p>		<p>Regulated Pressure Gauge</p>	<p>Tank Pressure Gauge</p>
<p>2.2 CFM @90PSI</p>		<p>10 Gallon Steel Air Tank</p>	
<p>60 Decibels</p>			
<p>80% Dry Air</p>		<p>91 lbs. 110 Volts, 15 Amps</p>	

10020DCAD

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve 110 Volts

<ul style="list-style-type: none"> 10 Gallon 2 HP Motor 125 PSI MAX 5.3 CFM @90PSI 70 Decibels 80% Dry Air 		<p>70 DECIBELS</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p> <p>Industrial Female Quick Connect</p> <p>Output Pressure Regulator</p> <p>Regulated Pressure Gauge</p> <p>Tank Pressure Gauge</p> <p>10 Gallon Steel Air Tank with Auto Drain</p> <p>92 lbs. 110 Volts, 15 Amps</p>
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10020DSPC

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer in Sound Proof Cabinet 110 Volts

<ul style="list-style-type: none"> 10 Gallon 2 HP Motor 130 PSI MAX 5.3 CFM @90PSI 58 Decibels 80% Dry Air 		<p>58 DECIBELS</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>10 Gallon Steel Air Tank in SoundProof Cabinet</p> <p>221 lbs. 110 Volts, 15 Amps</p> <p>Regulated Pressure Gauge</p> <p>Industrial Female Quick Connect</p> <p>Tank Pressure Gauge</p> <p>Output Pressure Regulator</p>
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10020DSPCAD

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve in Sound Proof Cabinet 110 Volts

<p>10 Gallon</p> <hr/> <p>2 HP Motor</p> <hr/> <p>130 PSI MAX</p> <hr/> <p>5.3 CFM @90PSI</p> <hr/> <p>58 Decibels</p> <hr/> <p>80% Dry Air</p>		<p>58 DECIBELS</p> <p>Regulated Pressure Gauge Industrial Female Quick Connect Tank Pressure Gauge Output Pressure Regulator</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>10 Gallon Steel Air Tank with Auto-Drain in SoundProof 221 lbs. 110 Volts, 15 Amps</p>
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10020DC-22060

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer 220 Volts

<p>10 Gallon</p> <hr/> <p>2 HP Motor</p> <hr/> <p>125 PSI MAX</p> <hr/> <p>5.3 CFM @90PSI</p> <hr/> <p>70 Decibels</p> <hr/> <p>80% Dry Air</p>		<p>70 DECIBELS</p> <p>Industrial Female Quick Connect Output Pressure Regulator Regulated Pressure Gauge Tank Pressure Gauge</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p> <p>10 Gallon Steel Air Tank</p> <p>91 lbs. 220 Volts, 7.5 Amps</p>
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10020DCAD-22060

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve 220 Volts

<p>10 Gallon</p> <p>2 HP Motor</p> <p>125 PSI MAX</p> <p>5.3 CFM @90PSI</p> <p>70 Decibels</p> <p>80% Dry Air</p>		<p>70 DECIBELS</p> <p>Industrial Female Quick Connect</p> <p>Output Pressure Regulator</p> <p>Regulated Pressure Gauge</p> <p>Tank Pressure Gauge</p> <p>10 Gallon Steel Air Tank with Auto Drain</p> <p>92 lbs. 220 Volts, 7.5 Amps</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p> 
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10020HDCADC

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer and Automatic Drain Valve 110 Volts (ISO 8573 - Class 3-2-1 Compliant)

<p>10 Gallon</p> <p>2 HP Motor</p> <p>125 PSI MAX</p> <p>5.3 CFM @90PSI</p> <p>70 Decibels</p> <p>98% Dry Air</p>		<p>70 DECIBELS</p> <p>Regulated Pressure Gauge</p> <p>Output Pressure Regulator</p> <p>Tank Pressure Gauge</p> <p>Industrial Female Quick Connect</p> <p>10 Gallon Steel Air Tank</p> <p>Air Drying System</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>100 lbs. 110 Volts, 15 Amps</p> <p>0.01um Prefilter</p> 
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10020HDCADC-22060

10 Gallon, 2.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer and Automatic Drain Valve 220 Volts (ISO 8573 - Class 3-2-1 Compliant)

<p>10 Gallon</p> <p>2 HP Motor</p> <p>125 PSI MAX</p> <p>5.3 CFM @90PSI</p> <p>70 Decibels</p> <p>98% Dry Air</p>		<p>70 DECIBELS</p> <p>2 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>100 lbs., 220 Volts, 7 Amps</p> <p>Regulated Pressure Gauge</p> <p>Output Pressure Regulator</p> <p>Tank Pressure Gauge</p> <p>Industrial Female Quick Connect</p> <p>10 Gallon Steel Air Tank</p> <p>Air Drying System</p>
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20040DC

20 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer 220 Volts

<p>20 Gallon</p> <p>4 HP Motor</p> <p>125 PSI MAX</p> <p>10.6 CFM @90PSI</p> <p>75 Decibels</p> <p>80% Dry Air</p>		<p>75 DECIBELS</p> <p>4 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p> <p>192 lbs., 220 Volts, 14 Amps</p> <p>20 Gallon Steel Air Tank</p> <p>Industrial Female Quick Connect</p> <p>Regulated Pressure Gauge</p> <p>Tank Pressure Gauge</p> <p>Output Pressure Regulator</p>
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20040DCAD

20 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve 220 Volts

<p>20 Gallon</p>		<p>75 DECIBELS</p>	<p>4 Hp Oil-Free Dual-Piston Long-Life Motor-Pump</p>
<p>4 HP Motor</p>		<p>Industrial Female Quick Connect Regulated Pressure Gauge Tank Pressure Gauge</p>	<p>Air Dryer System</p>
<p>125 PSI MAX</p>		<p>Output Pressure Regulator</p>	<p>20 Gallon Steel Air Tank</p>
<p>10.6 CFM @90PSI</p>		<p>192 lbs. 220 Volts, 14 Amps</p>	
<p>75 Decibels</p>			
<p>80% Dry Air</p>			

20040DCADC

20 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer and Automatic Drain Valve 220 Volts (ISO 8573 - Class 3-2-1 Compliant)

<p>20 Gallon</p>		<p>75 Decibels</p>	<p>4 HP Oil-free Dual-Piston Long-Life Motor Pump with Condor Pressure Switch</p>
<p>4 HP Motor</p>		<p>Industrial Female Quick Connect Output Pressure Regulator</p>	<p>Air Dryer System with (2) 0.01um Prefilters</p>
<p>125 PSI MAX</p>		<p>Tank Pressure Gauge</p>	<p>192 lbs. 220 Volts 14 Amps</p>
<p>10.6 CFM @90PSI</p>		<p>Regulated Pressure Gauge</p>	<p>20 Gallon Steel Air Tank</p>
<p>75 Decibels</p>			
<p>98% Dry Air</p>			

20040DSPCAD

20 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer in Sound Proof Cabinet and Auto Drain 220 Volts

<p>20 Gallon</p> <hr/> <p>4 HP Motor</p> <hr/> <p>125 PSI MAX</p> <hr/> <p>10.6 CFM @90PSI</p> <hr/> <p>65 Decibels</p> <hr/> <p>80% Dry Air</p>		<p>65 Decibels</p> <p>4 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p> <p>Tank Pressure Gauge</p> <p>Regulated Pressure Gauge</p> <p>Output Pressure Regulator</p> <p>20 Gallon Air Tank with Auto Drain, Air Dryer, and Aftercooler in Sound Proof Cabinet</p> <p>Female Industrial Quick Connect</p> <p>370 lbs 220 Volts 14 Amps</p>
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20040DSPCADC

20 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer in Sound Proof Cabinet and Automatic Drain Valve 220 Volts (ISO 8573 - Class 3-2-1 Compliant)

<p>20 Gallon</p> <hr/> <p>4 HP Motor</p> <hr/> <p>125 PSI MAX</p> <hr/> <p>10.6 CFM @90PSI</p> <hr/> <p>65 Decibels</p> <hr/> <p>98% Dry Air</p>		<p>65 Decibels</p> <p>4 HP Oil-Free Dual-Piston Long-Life Motor Pump</p> <p>Tank Pressure Gauge/ Regulated Pressure Gauge/ Output Pressure Regulator</p> <p>20 Gallon Air Tank with Auto Drain, Ultra Air Dryer, (2) 0.01um Prefilters and Aftercooler in Soundproof Cabinet</p> <p>375 lbs 220 Volts 14 Amps</p>
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20060DCC

20 Gallon, 6.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer System. 220 Volts, 60 Hz, 1-Phase (Twin-Tower Auto Purge; ISO 8573 - Class 3-2-1 Compliant)

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

60040DCAD

60 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 80% Air Dryer and Automatic Drain Valve 220 Volts

<p>60 Gallon</p>		<p>75 Decibels</p>	<p>4 Hp Oil-Free Dual-Piston Long-Life Motor Pump</p>
<p>4 HP Motor</p>		<p>Tank Pressure Gauge</p>	<p>Air Dryer System</p>
<p>125 PSI MAX</p>		<p>60 Gallon Steel Air Tank with Air Dryer and Auto Drain</p>	<p>Output Pressure Regulator</p>
<p>10.6 CFM @90PSI</p>		<p>248 lbs 220 Volts 14 Amps</p>	<p>Regulated Pressure Gauge</p>
<p>75 Decibels</p>			<p>5 Micron Air Filter</p>
<p>80% Dry Air</p>			<p>Automatic Drain Valve</p>

60040DCADC

60 Gallon, 4.0 Hp Ultra Quiet Oil-Free Air Compressor with 98% Air Dryer and Auto Drain 220 Volts (ISO 8573 - Class 3-2-1 Compliant)

60 Gallon

4 HP Motor

125 PSI MAX

10.6 CFM @90PSI

75 Decibels

98% Dry Air



75 Decibels

4 HP Oil-free Dual-Piston Long-Life Motor pump

Tank Pressure Gauge

60 Gallon Steel Air Tank with Air Dryer, Auto Drain

98% DRY AIR (2) 0.01um Prefilters

248 lbs 220 Volts 14 Amps

Air Dryer System

Output Pressure Regulator

Regulated Pressure Gauge

Automatic Drain Valve

Model Nomenclature Definitions:

- DC = 80% Dryer
- LFDC = 80% Dryer & Long Life Motor (i.e. 4000+ motor running hours)
- DCAD = 80% Dryer & Automatic Drain Valve
- DCADC = 98% Air Dryer & Automatic Drain Valve
- DCC = 98% Air Dryer, Twin-Tower Auto Purge
- HDCADC = Horizontal Tank, 98% Air Dryer & Automatic Drain Valve
- DSPC = 80% Dryer in Sound Proof Cabinet
- DSPCAD = 80% Dryer in Sound Proof Cabinet & Automatic Drain Valve
- DSPCADC = 98% Dryer in Sound Proof Cabinet & Automatic Drain Valve

Dental Milling Air Compressor Selection Guidelines:

- **1 hp models:** milling machine* req. 0.3-1 cfm (9-25 liters per minute, l/min) @90 PSI**
- **2 hp models:** milling machine* req. 0.5-2 cfm (10-55 l/min) @90 PSI**
- **4 hp models:** milling machine* req. 2-4 cfm (56-110 l/min) @90 PSI**
- **6 hp models:** milling machine* req. 4-7 cfm (112-180 l/min) @90 PSI**

* .3MPa = 45psi, .5MPa = 72psi, .7MPa = 101psi

**70/30 Duty Cycle Rating based on standard 8-hour work day. - [Learn More](#)

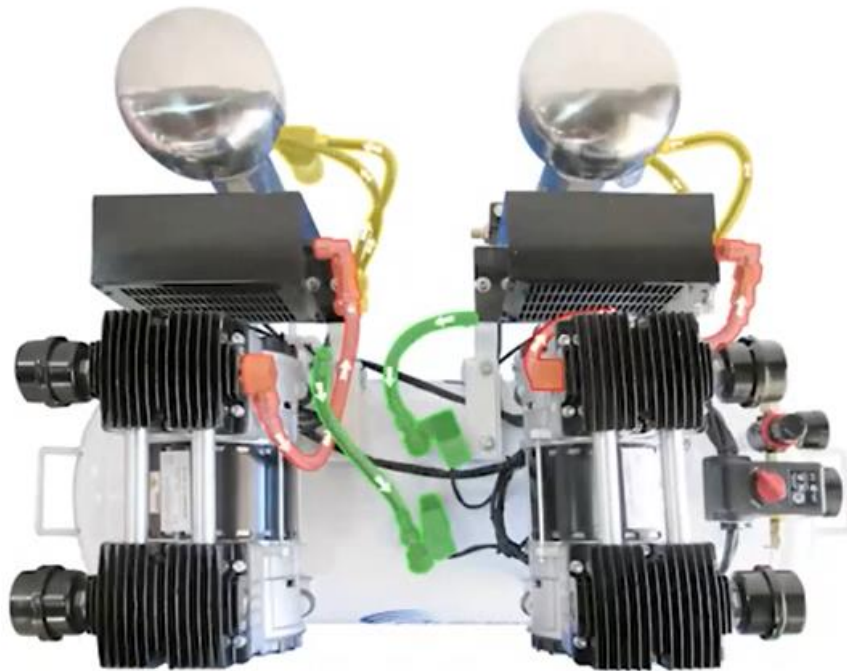
Continuous Use Guidelines:

If you plan on using an air tool or machine on a continuous basis, it is a good idea to multiply the “CFM” x 2 to get a continuous CFM rating for the tool or machine. Most all air tools and machines are rated for intermediate usage (not continuous), except for dental milling machines which have continuous air flow typically expressed in liters per minute (l/min). For example, if a dental milling machine requires 0.5-2.0 cfm (10-55 liters per minute) then it is suggested to obtain a model rated for a minimum of 4 cfm @90 PSI.

Always consult the air tool or machine manufacturer for the correct CFM requirement.

80% Air Compressor Dryer Function:

<https://www.youtube.com/watch?v=UvS9Z6HrYXQ&t=4s>



Manufactured in Mexico & USA using global components.

www.californiaairtools.com

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