











Legendary Performance

Air Compressor Selection Guide

CLASS	ENVIRONMENT	DUTY/DESIGN LIFE	AIR POWER	TECHNOLOGY	CONFIGURATION	COMPRESSOR
 <p>HOME USE</p>	<p>Do-it-Yourself Home/Yard Hobbies/Projects</p>	<p>Light Duty Occasional Use Moderate Life</p>	<p>Up to 6 CFM 125 PSI Max.</p>	<p>Oilless Direct Drive Single Stage</p>	<p>Small Tank Electric Motor Portable</p>	
 <p>CONTRACTOR</p>	<p>Sub-Contractors Job Site or Shop Roofing, Framing Maintenance Repair</p>	<p>Intermittent Duty Heavy Use Long Life</p>	<p>Up to 12 CFM 135 PSI Max.</p>	<p>Oil Lubricated Belt or Direct Drive Single Stage</p>	<p>Small-Moderate Tank Gas or Electric Portable</p>	
 <p>PROFESSIONAL</p>	<p>Mechanics, Pros Shops/Garages Light Automotive Commercial Trades</p>	<p>Intermittent to Continuous Duty Heavy Use Extended Life</p>	<p>Up to 16 CFM 135 PSI Max.</p>	<p>Oil Lubricated Belt Drive Single Stage</p>	<p>Large Tank 230V Motor Stationary</p>	
 <p>INDUSTRIAL</p>	<p>Shop Operators Light Industrial Sites Heavy Automotive Light Manufacturing</p>	<p>Continuous Duty Heavy Use Extended Life</p>	<p>Up to 24 CFM 175 PSI Max.</p>	<p>Oil Lubricated Belt Drive Two Stage</p>	<p>Large Tank 230V Motor Stationary</p>	



Know Your Power Source



All Residential and Commercial buildings have 115V/60Hz power.



Many Residential, Commercial, and Industrial buildings have 230V/single phase/60Hz power, but this should be confirmed.



When electric power is not available, purchase a gas engine driven compressor. Do not use gas engine compressors indoors.

Selecting the Specific Compressor Size

(1) Determine the Air Power (CFM/PSI) required for your tools.

- Read the air requirement on the tool packaging or estimate your usage from the chart below.



(2) Select the compressor model with an Air Power rating that exceeds the total tool requirement.



Note: For heavy use, select compressors with high maximum pressures to provide more usable air.

Average Air Consumption* (25% Load Factor)

Socket Driving	Pressure (PSI)	CFM
3/8" Impact Wrench	90 PSI	3 CFM
1/2" Impact Wrench	90 PSI	5 CFM
3/8" Air Ratchet	90 PSI	5 CFM

Material Reshaping (25% Load Factor)

3/8" Air Drill	90 PSI	4 CFM
Die Grinder	90 PSI	4 CFM
Air Hammer	90 PSI	6 CFM
Air Nibbler	90 PSI	5 CFM
Horizontal Grinder	90 PSI	9 CFM
Cut-Off Tool	90 PSI	11 CFM

Spray Painting (Continuous Load)

Home/Hobby Spray Gun	40 PSI	3 CFM
Multi-Purpose Spray Gun	40 PSI	5 CFM
Production Spray Gun	90 PSI	8 CFM
Undercoat Spray Gun	90 PSI	19 CFM

Finishing/Sanding (Continuous Load)

Straight Line Sander	90 PSI	9 CFM
Body Sander	90 PSI	14 CFM
Orbital Sander	90 PSI	18 CFM
High-Speed Sander	90 PSI	20 CFM
Air Polisher/Buffer	90 PSI	21 CFM
Sand Blaster Kit	90 PSI	22 CFM

Tire Service (25% Load Factor)

Car Lift	150 PSI	6 CFM
Tire Changer	150 PSI	2 CFM

*Air Consumption rates can vary by manufacturer

ALL MODELS FEATURE:

100% Continuous Duty for Tough Applications

Cast Iron Pump for Rugged Durability

Extended Design Life for Years of Service

Maximum Air Power to Drive Your Tools



SS3R2-GM "Garage Mate"



SS3L3



2340L5



2475N7.5



SS3J5.5GH-WB "Wheel Barrow"

Air Power
Not Horsepower Defines Compressor Capability

Not All Horsepower is Rated Equally
Ingersoll Rand rates compressor motors at applied load or running horsepower while many consumer compressors are rated at peak horsepower

Class	Contractor	Professional	Industrial		
Model	SS3J5.5GH-WB	SS3R2-GM	SS3L3	2340L5	2475N7.5
Pump Design:					
Technology	Lube Cast Iron	Lube Cast Iron	2 Stg Lube Cast Iron		
Pump Life	5000+ hrs	5000+ hrs	10,000+ hrs		
Duty Cycle	Continuous	100% Continuous	100% Continuous		
Air Power:					
CFM @ 90#	11.8	5.7	11.3	14.8	24.3
Max. PSI	135	135	135	175	175
Configuration:					
Tank Size Type	8 Gal Wheel Barrow	24 Gal Vert.	60 Gal Vert.	60 Gal Vert.	80 Gal Vert.
Driver Rating:					
Run HP	5.5	2	3	5	7.5
Peak HP	5	7.9	11.8	21.4
Source	Gas	120V	230V	230V	230V