

Industrial Air™

MACHINE

DESIGNED TO PERFORM
BUILT TO LAST



AIR COMPRESSORS

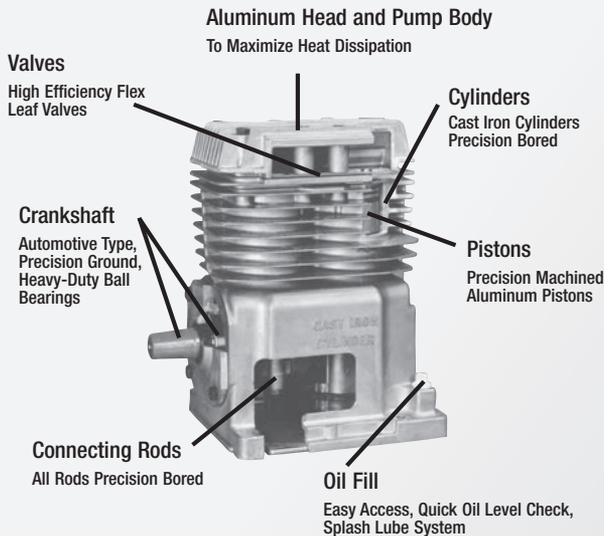
Oil Lubed, Aluminum, Single Stage

These compressors feature our exclusive aluminum pump with cast iron cylinder sleeves for a cooler running, longer lasting pump perfect for anyone from the do-it-yourselfer to the professional.



STANDARD FEATURES

- Oil lubricated belt drive technology provides quiet operation
 - Less noise than direct drive air compressors
- Long lasting twin cylinder pump combines aluminum and cast iron to reduce heat, maximize CFM, and extend pump life
 - Splash type lubrication protects against premature wear
 - Flex leaf valve system



- Shipped with synthetic blend non-detergent air compressor oil for optimum performance and long life
- Heavy duty induction motor for maximum performance and reliability
 - Portable units have a 120/240 dual voltage motor (factory wired 120V)
 - Stationary units have a 230 volt motor
- Manual thermal overload protection protects motor for longer motor life
- Pump shroud and belt guard design reduce operating temperature
- 20, 27 and 30 gallon units are equipped with quick-set regulator, tank and tool pressure gauges, on/off switch, handle and pre-attached wheels
- 60 gallon units are equipped with tank pressure gauge and on/off switch
- Two year limited warranty

- Available in:
 - 20 gallon horizontal portable
 - 27 gallon vertical portable
 - 30 gallon vertical portable
 - 60 gallon vertical stationary



IP1982013



IL1982713



IL1983013



IL3106016

For more information about these products see chart on page 10

Oil Lubed, Cast Iron, Single Stage

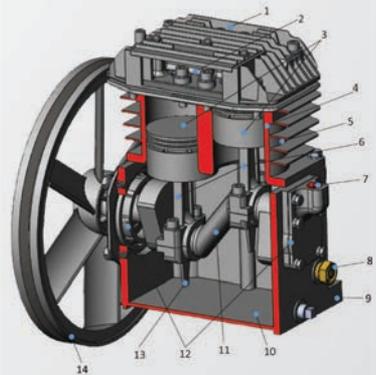
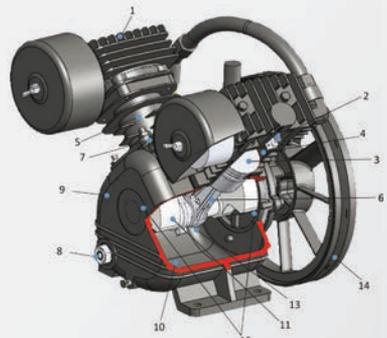
Available in a variety of configurations, these compressors are sure to please anyone from the do-it-yourselfer to the farm and professional user.



TWIN CYLINDER CAST IRON

STANDARD FEATURES

- Oil lubricated belt drive technology provides quiet operation
 - Less noise than direct drive air compressors
- Rugged cast iron, twin cylinder, oil lubricated pumps feature
 1. Aluminum head to better dissipate heat
 2. Stainless steel reed valves
 3. Precision machined pistons
 4. Durable, long lasting cast iron cylinders
 5. Durable and thermally stable cast iron cylinder body
 6. Precision bored connecting rods
 7. Easily accessible oil fill
 8. Easy view oil level sight glass
 9. Durable cast iron crankcase
 10. Shipped with synthetic blend non-detergent air compressor oil for optimal performance and long life
 11. Automotive style crankshaft with counterbalance
 12. Heavy duty ball bearings
 13. Splash type lubrication
 14. Cast iron balanced flywheel
- Heavy duty induction motor for maximum performance and efficiency
 - Portable units have a 120/240 dual voltage motor (factory wired 120V)
 - Stationary units have a 230 volt motor
- Portable units are equipped with quick-set regulator, tank and tool pressure gauges, on/off switch, handle and pre-attached wheels
- Manual thermal overload protection protects motor for longer life
- Pump shroud and belt guard design reduce operating temperature
- Stationary units are equipped with tank pressure gauge and on/off switch
- Two year limited warranty



- Available in:
 - 20 gallon vertical and horizontal portable
 - 30 gallon vertical portable
 - 60 gallon vertical stationary



ILA1683066



IP1682066.MN



IL1682066.MN



ILA1883054



IPA1882054



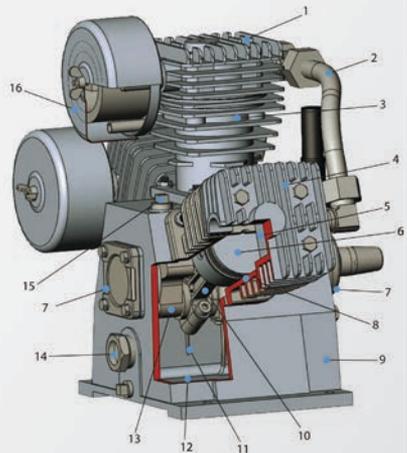
ILA3606056

For more information about these products see chart on page 10



HI-FLO, CAST IRON, SINGLE STAGE STANDARD FEATURES

- High air flow, single stage - 14 CFM @ 90 PSI
- Cast iron, three cylinder, oil lubricated pump features
 1. Three cylinder design provides more overall cooling surface
 2. Large finned after cooler tube
 3. Durable and thermally stable cast iron cylinder body
 4. Aluminum head and valve plate to better dissipate heat
 5. Durable Swedish stainless steel flex leaf valves
 6. Precision machined pistons
 7. Heavy duty ball bearings
 8. Durable, long lasting cast iron cylinders
 9. One piece cast iron crankcase
 10. Precision bored connecting rods
 11. Splash lubrication
 12. Shipped with synthetic blend non-detergent air compressor oil for optimal performance and long life
 13. Automotive style, precision ground crankshaft with counterbalance
 14. Easy view oil level sight glass
 15. Easily accessible oil fill
 16. Large metal air intake filters
 17. Cast iron balanced flywheel (not pictured)
- 155 PSI max pressure for optimum tool performance
- Heavy duty, 230 volt, induction motor for maximum performance and efficiency



- 60 gallon units equipped with tank pressure gauge and on/off switch
- 80 gallon units available with or without integrated control panel

Units with control panel include:

- Tank and tool pressure gauges
- Air flow regulator
- Two quick connect air outlets

Units without control panel include:

- Tank pressure gauge
- On/off switch
- Two year limited warranty



ILA4546065



ILA4708065



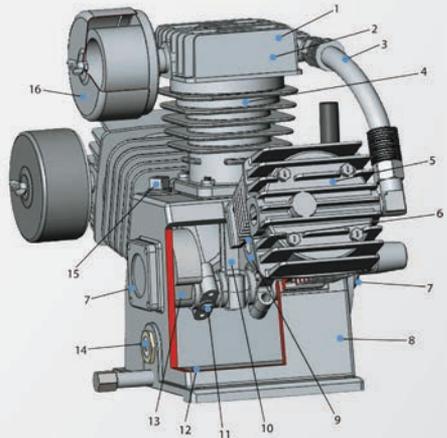
ILA4708065.01

For more information about these products see chart on page 10



SUPER HI-FLO, CAST IRON, SINGLE STAGE STANDARD FEATURES

- Super high air flow single stage – 18 CFM @ 90 PSI
- Cast iron, three cylinder, oil lubricated pump features
 1. Three cylinder design provides more overall cooling surface
 2. Aluminum head and valve plate to better dissipate heat
 3. Large finned after cooler tube
 4. Durable and thermally stable cast iron cylinder body
 5. Durable Swedish stainless steel flex leaf valves
 6. Durable, long lasting cast iron cylinders
 7. Heavy duty ball bearings
 8. One piece cast iron crankcase
 9. Precision machined pistons
 10. Precision bored connecting rods
 11. Splash lubrication
 12. Shipped with synthetic blend non-detergent air compressor oil for optimal performance and long life
 13. Automotive style, precision ground crankshaft with counterbalance
 14. Easy view oil level sight glass
 15. Easily accessible oil fill
 16. Large metal air intake filters
 17. Cast iron balanced flywheel (not pictured)
- 155 PSI max pressure for optimum tool performance
- Two year limited warranty
- Available in:
 - Electric powered, low profile 60 gallon vertical stationary tank
 - Electric powered, 80 gallon vertical stationary tank
 - Gasoline powered, 30 gallon horizontal truck mount tank



ELECTRIC MODELS ALSO FEATURE

- Heavy duty, 230 volt induction motor for maximum performance and efficiency
- Tank pressure gauge and on/off switch



ILA5746080



ILA5148080

GASOLINE POWERED TRUCK MOUNT MODEL ALSO FEATURES

- 9 HP Honda OHV gas engine with electric start
 - Automatic low oil shutdown
 - 3 amp charging system
 - Automotive style air cleaner
 - Air throttle cylinder
 - Separate pilot and check valve assemblies
 - 6 liter fuel tank
 - Meets EPA and CARB emission requirements



IHA9093080.ES

For more information about these products see chart on page 10

Oil Lubed, Single Stage Air Compressors

Model No.	Tank Size (gallons)	Working Pressure	CFM @40 PSI	CFM @90 PSI	Running HP
<i>Oil Lubed, Aluminum, Single Stage - Twin Cylinder</i>					
IP1982013	20 ASME*	100-130 PSI	7.1	5.7	1.9
IL1982713	27 ASME*	100-130 PSI	7.1	5.7	1.9
IL1983013	30 ASME*	100-130 PSI	7.1	5.7	1.9
IL3106016	60 ASME*	100-130 PSI	12.3	10.3	3.1
<i>Oil Lubed, Cast Iron, Single Stage - Twin Cylinder</i>					
IP1682066.MN	20 ASME*	105-135 PSI	6.2	5.3	1.6
IL1682066.MN	20 ASME*	105-135 PSI	6.2	5.3	1.6
ILA1683066	30 ASME*	125-155 PSI	6.2	5.3	1.6
IPA1882054	20 ASME*	125-155 PSI	7.0	5.7	1.9
ILA1883054	30 ASME*	125-155 PSI	7.0	5.7	1.9
ILA3606056	60 ASME*	125-155 PSI	13.4	11.5	3.7
<i>Oil Lubed, Cast Iron, Single Stage - Three Cylinder</i>					
ILA4546065	60 ASME*	125-155 PSI	16.1	14.0	4.7
ILA4708065	80 ASME*	125-155 PSI	16.1	14.0	4.7
ILA4708065.01	80 ASME*	125-155 PSI	16.1	14.0	4.7
ILA5746080	60 ASME*	125-155 PSI	20.6	18.1	5.7
ILA5148080	80 ASME*	125-155 PSI	20.6	18.1	5.7
IHA9093080.ES	30 ASME*	125-155 PSI	20.6	18.1	9.0

*ASME = American Society of Mechanical Engineers





Voltage/ Amps	Tank Style	No. of Cylinders	Agency Approvals	Weight (lbs.)	Shipping Dimensions	Limited Warranty
120/240*/15	Horz./Port.	2	UL & CSA	144	34.25" x 23.25"x 35.5"	2 Yrs.
120/240*/15	Vert./Port.	2	UL & CSA	160	21.5" x 25"x 46.5"	2 Yrs.
120/240*/15	Vert./Port.	2	UL & CSA	170	29" x 24.25"x 48.5"	2 Yrs.
230/15	Vertical	2	UL & CSA	215	31" x 27"x 70"	2 Yrs.
120/240*/15	Horz./Port.	2	UL & CSA	159	34.25" x 23.25"x 35.5"	2 Yrs.
120/240*/15	Vert./Port.	2	UL & CSA	159	25" x 24.5"x 49"	2 Yrs.
120/240*/15	Vert./Port.	2	UL & CSA	171	25" x 24.5"x 49"	2 Yrs.
120/240*/15	Horz./Port.	2	UL & CSA	166	34.25" x 23.25" x 35.5"	2 Yrs.
120/240*/15	Vert./Port.	2	UL & CSA	185	24.25" x 29" x 48.5"	2 Yrs.
230/15	Vertical	2	UL & CSA	228	31" x 27" x 70"	2 Yrs.
230/22	Vertical	3	UL & CSA	287	37" x 29" x 73"	2 Yrs.
230/22	Vertical	3	UL & CSA	350	31" x 35" x 77"	2 Yrs.
230/22	Vertical	3	UL & CSA	354	31" x 35" x 77"	2 Yrs.
230/22	Vertical	3	UL & CSA	353	37" x 29" x 63"	2 Yrs.
230/22	Vertical	3	UL & CSA	410	37" x 29" x 77"	2 Yrs.
N/A	Truck Mount	3	N/A	380	48" x 24" x 42"	2 Yrs.

*Factory wired 120 volt



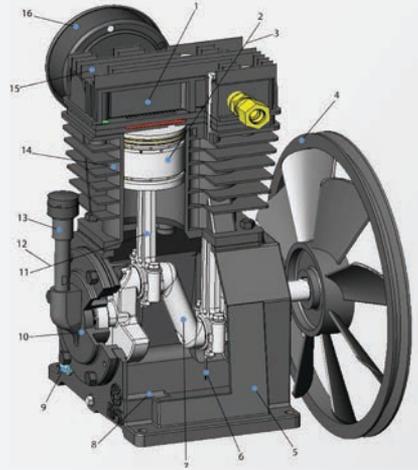
Two Stage, Cast Iron, Industrial

Two stage machines work hard for serious industrial autobody and agricultural use. They are ideal for commercial or industrial applications where the compressor runs more frequently and where both higher PSI and CFM are required.



STANDARD FEATURES

- Industrial performance delivers maximum CFM @ 175 PSI; provides enough power to operate more than one air tool or device at one time
- Two stage, cast iron, industrial pumps available in 5, 7.5 and 10 RHP
- Patented pump design provides for a cooler running pump
 1. Free-floating stainless steel reed valves with stop guides for controlled lift
 2. Four rings per piston for improved volumetric efficiencies and oil control
 3. Patented piston design for improved compression efficiency
 4. Patented cast iron flywheel design with large extended fins for improved cooling of pump and low pump RPM (5 HP and 7.5 HP). Balanced flywheel with large glass-filled composite fan for improved pump cooling (10 HP)
 5. Cast iron construction for durability, dependability, and smooth operation
 6. Splash lubrication for complete lubrication of all working parts
 7. Automotive type, one-piece, counter-balanced crankshaft for smooth, trouble free operation
 8. Extra capacity oil reservoir ensures lower oil temperatures for longer life
 9. Large easy view oil level sight glass eliminates guesswork
 10. Oversized industrial-grade bearings for extended pump life
 11. Automotive style connecting rods with precision inserts for long life
 12. Two piece connecting rod with oil control feature provides full lubrication
 13. Extended height high efficiency breather
 14. Precision bored cylinders with patented asymmetrical cooling fins
 15. Cast iron cylinder head with patented deep-groove directional cooling fins
 16. Industrial grade metal intake filter/silencer(s) with five sound attenuation baffles and automotive style replaceable filter element
 17. High efficiency finned copper inter-cooler reduces inter-stage air temperatures for maximum performance and increased valve life (not pictured)



- Two stage units feature heavy duty industrial class Baldor® or Century® electric motors - see chart on following pages for specific information
- UL certified, NEMA rated
- Available in large capacity 60, 80 & 120 gallon ASME air receivers
- Equipped with pre-wired and mounted magnetic starter (some models)
- Extended tank drain valve, ball valve, and vibration isolators are included with two stage industrial units for ease of use (excludes IV5048055)
- Shipped with synthetic blend non-detergent air compressor oil for optimum performance and long life
- Two year limited warranty

IV5048055

SPECIAL FEATURES

- Equipped with thermal overload protection
 - Protects motor from voltage fluctuations and overheating
 - Magnetic starter not required
- Integrated control panel for added control and convenience includes:
 - Tank and tool pressure gauges
 - Air flow regulator
 - Two quick connect air outlets



IV5048055



IV5016055



IV5008055



IV5018055



IV5038055

For more information about these products see chart on page 18

Two Stage, Cast Iron, Industrial



IH7518075



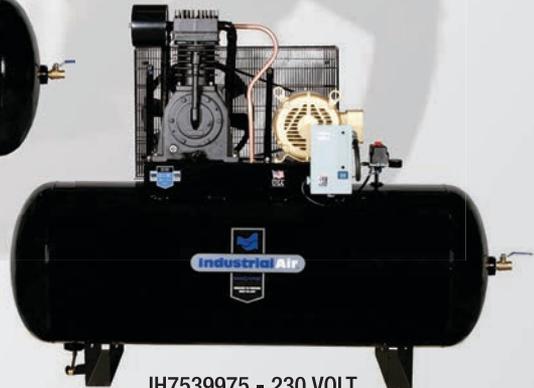
IH7538075



IH7568075



IH7519975



IH7539975 - 230 VOLT
IH7569975 - 460 VOLT



IV9919910



IV9969910



IH9919910 - 230 VOLT
IH9929910 - 200 VOLT



IH9919910.02 - 230 VOLT
IH9969910 - 460 VOLT

For more information about these products see chart on pages 18 - 21



GASOLINE POWERED, TWO STAGE, TRUCK MOUNT

STANDARD FEATURES

- HONDA GX340 OHV gas engine with electric start
 - OHV design for increased efficiency and optimal power transfer
 - Digital CDI ignition system with variable timing provides excellent starting, high power output, reduced fuel consumption, and outstanding emissions performance (EPA & CARB approved)
 - Automatic low oil shutdown
- Industrial performance delivers maximum CFM @ 175 PSI, provides enough power to operate more than one air tool or device at one time
- Cast iron, industrial duty, two stage compressor pump
 - Hardened steel disc valves
 - Oversized taper roller bearings
 - Fully balanced cast iron flywheel
 - Splash type lubrication
 - Oil sight glass
- Automatic unloader valve diverts compressed air into the atmosphere when the tank is at full capacity
- 50 gallon truck mount style ASME certified tank
- Extended tank drain valve, ball valve, and vibration isolators are included for ease of use
- Uniquely designed metal belt guard improves compressor pump cooling by as much as 60 degrees F over other belt guard designs
- Shipped with synthetic blend non-detergent air compressor oil for optimum performance and long life



IH1195023

For more information about this product see chart on page 20

Two Stage Compressor Maintenance Kits

EXTEND YOUR TWO STAGE PUMP WARRANTY TO 4 YEARS!

Purchase a qualifying two stage air compressor and the corresponding maintenance kit within 30 days of the air compressor purchase and your pump warranty can be extended from 2 years to 4 years.

A properly maintained compressor can provide you with many years of service. All Industrial Air two stage electric air compressors shown in this brochure qualify for this extended warranty offer.

- Kit # 165-0320 for use with 5 HP models



- Kit # 165-0321 for use with 7.5 HP models



- Kit # 165-0322 for use with 10 HP models



Each kit includes enough oil and filters for 3 oil changes!

Two Stage Cast Iron Industrial Air Compressors

Electric

Model No.	IV5048055	IV5008055	IV5016055
Motor RHP/Engine CC	5.0	5.0	5.0
CFM @ 100 PSI	17.9	17.0	17.0
CFM @ 175 PSI	17.0	16.2	16.2
Working Pressure	145-175	145-175	145-175
Number of Cylinders	2	2	2
Pump RPM @ 175 PSI	903	861	861
Fly-wheel O.D. (inches)	16.5	16.5	16.5
Oil-capacity (oz.)	49	49	49
Motor Manufacturer	Century	Baldor	Baldor
Motor Voltage	230	230	230
Amp Draw	24.0	20.6	20.6
Phase	1	1	1
Motor / Engine RPM	3450	1725	1725
Motor Pulley O.D. (inches)	4.45	8.25	8.25
Belt Width	B	B	B
Magnetic Starter (^{prewired and} _{mounted})	not needed	No	Yes
Tank Size (gallons) ASME*	80	80	60
Tank Style	Vert.	Vert.	Vert.
Shipping Length (inches)	31.5	40.25	40.25
Shipping Width (inches)	34.75	32.25	32.25
Shipping Height (inches)	80	80	80
Shipping Weight (lbs.)	475	675	613
Limited Warranty	2 Years	2 Years	2 Years

*ASME = American Society of Mechanical Engineers



IV5018055	IV5038055	IV7518075	IV7538075	IV7568075	IH7519975
5.0	5.0	7.5	7.5	7.5	7.5
17.0	17.0	22.1	22.1	22.1	22.1
16.2	16.2	21.2	21.2	21.2	21.2
145-175	145-175	145-175	145-175	145-175	145-175
2	2	2	2	2	2
861	875	765	778	778	765
16.5	16.5	16.5	16.5	16.5	16.5
49	49	53	53	53	53
Baldor	Baldor	Baldor	Baldor	Baldor	Baldor
230	230	230	230	460	230
20.6	14.0	31.0	19.4	9.7	31.0
1	3	1	3	3	1
1725	1750	1725	1770	1770	1725
8.25	8.25	7.25	7.25	7.25	7.2
B	B	2-A	2-A	2-A	2-A
Yes	Yes	Yes	Yes	Yes	Yes
80	80	80	80	80	120
Vert.	Vert.	Vert.	Vert.	Vert.	Horz.
40.25	40.25	40.25	40.25	40.25	77
32.25	32.25	32.25	32.25	32.25	31
80	80	80	80	80	65
705	705	715	715	715	935
2 Years					

Two Stage Cast Iron Industrial Air Compressors

Electric

Model No.	IH7539975	IH7569975	IV9919910
Motor RHP/Engine CC	7.5	7.5	10.0
CFM @ 100 PSI	22.1	22.1	35.0
CFM @ 175 PSI	21.2	21.2	33.6
Working Pressure	145-175	145-175	145-175
Number of Cylinders	2	2	4
Pump RPM @ 175 PSI	778	778	848
Fly-wheel O.D. (inches)	16.5	16.5	12.0
Oil-capacity (oz.)	53	53	104
Motor Manufacturer	Baldor	Baldor	Baldor
Motor Voltage	230	460	230
Amp Draw	19.4	9.7	25.0
Phase	3	3	3
Motor / Engine RPM	1770	1770	1770
Motor Pulley O.D. (inches)	7.25	7.25	5.75
Belt Width	2-A	2-A	2-B
Magnetic Starter (<small>prewired and mounted</small>)	Yes	Yes	Yes
Tank Size (gallons) ASME*	120	120	120
Tank Style	Horz.	Horz.	Vert.
Shipping Length (inches)	77	77	51
Shipping Width (inches)	31	31	49
Shipping Height (inches)	65	65	84
Shipping Weight (lbs.)	935	935	1025
Limited Warranty	2 Years	2 Years	2 Years

*ASME = American Society of Mechanical Engineers

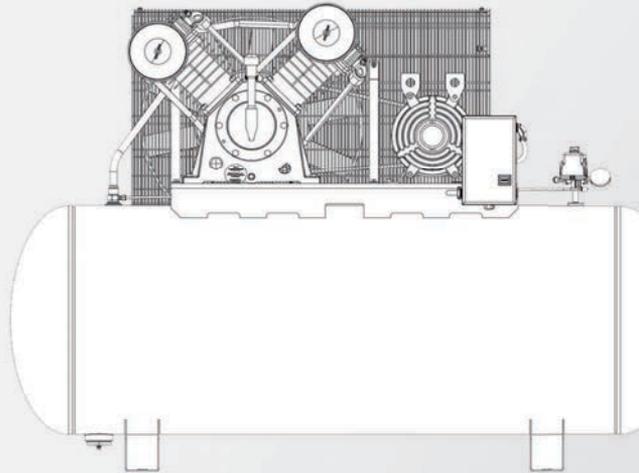
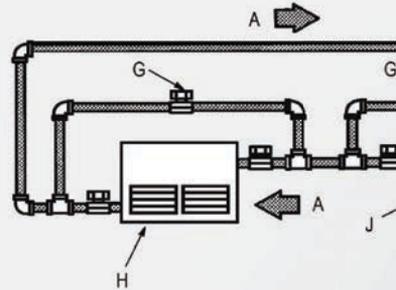


Gas (Honda)

IV9969910	IH9919910	IH9919910.02	IH9929910	IH9969910	IH1195023
10.0	10.0	10.0	10.0	10.0	389cc
35.0	35.0	35.0	35.0	35.0	17.9
33.6	33.6	33.6	33.6	33.6	17.0
145-175	145-175	145-175	145-175	145-175	145-175
4	4	4	4	4	2
848	836	848	836	848	945
12.0	12.0	12.0	12.0	12.0	16.88
104	104	104	104	104	64
Baldor	Century	Baldor	Century	Baldor	N/A
460	230	230	200	460	N/A
12.5	25.2	25.0	29.0	12.5	N/A
3	3	3	3	3	N/A
1770	1759	1770	1758	1770	3600
5.75	5.75	5.75	5.75	5.75	4.95
2-B	2-B	2-B	2-B	2-B	2-B
Yes	Yes	Yes	Yes	Yes	N/A
120	120	120	120	120	50
Vert.	Horz.	Horz.	Horz.	Horz.	Horz.
51	77	77	77	77	49
49	31	31	31	31	30
84	62	62	62	62	53
1025	991	991	991	991	502
2 Years	2 Years	2 Years	2 Years	2 Years	2 Years

Typical Installation System

- A Air flow
- B Feeder line
- C Drain leg
- D Moisture trap with drain
- E Non-lubricated supply line
- F 1/4 turn valve
- G Bypass
- H Air dryer or aftercooler
- J Line filter
- K Drip tee with drain
- L Air/water filter with petcock
- M Regulator
- N Lubricator
- P Quick coupler
- R Air hose to tool
- S Air hose to spray gun
- T Flexible air line
- U Lubricated supply line



Compressor may vary from one shown.

Air dryers and after coolers

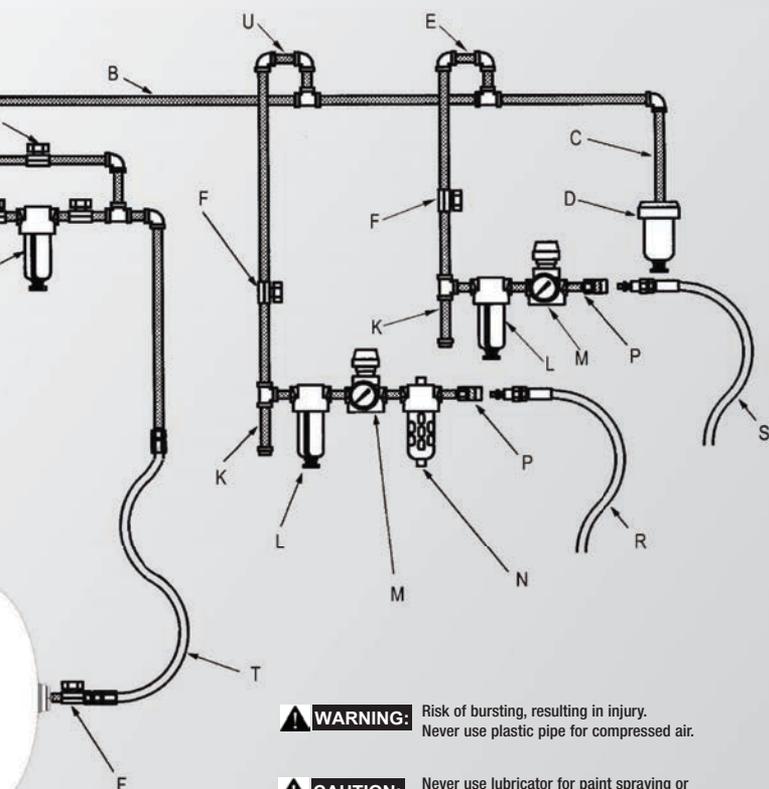
An air dryer or aftercooler is installed directly in the air line.

Moisture removal and air filtration

As the air cools, moisture will condense in the lines. This moisture must be removed before it reaches the tool being used. To remove this moisture, run the main air line downhill to a moisture trap and drain. Air/water filters should also be installed in the positions shown.

Air pressure regulation

The air pressure gauge on the pressure switch measures air pressure inside the tank, not pressure in the air line. Install an air regulator in the drop line for each tool, to regulate air pressure to that tool. Never exceed the maximum pressure rating of the tool.



⚠ WARNING: Risk of bursting, resulting in injury.
Never use plastic pipe for compressed air.

⚠ CAUTION: Never use lubricator for paint spraying or similar applications.

Air lubrication

Install an air lubricator only for those tools requiring lubrication. Do not use a lubricator for paint spraying or similar applications. The oil will contaminate the paint and ruin the job.

Shut-off valves

Install shut-off valves in each drop line, to isolate the tool and its accessories for servicing. You can also install a bypass line around an accessory.



Industrial Air™

MACHINE

DESIGNED TO PERFORM
BUILT TO LAST



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