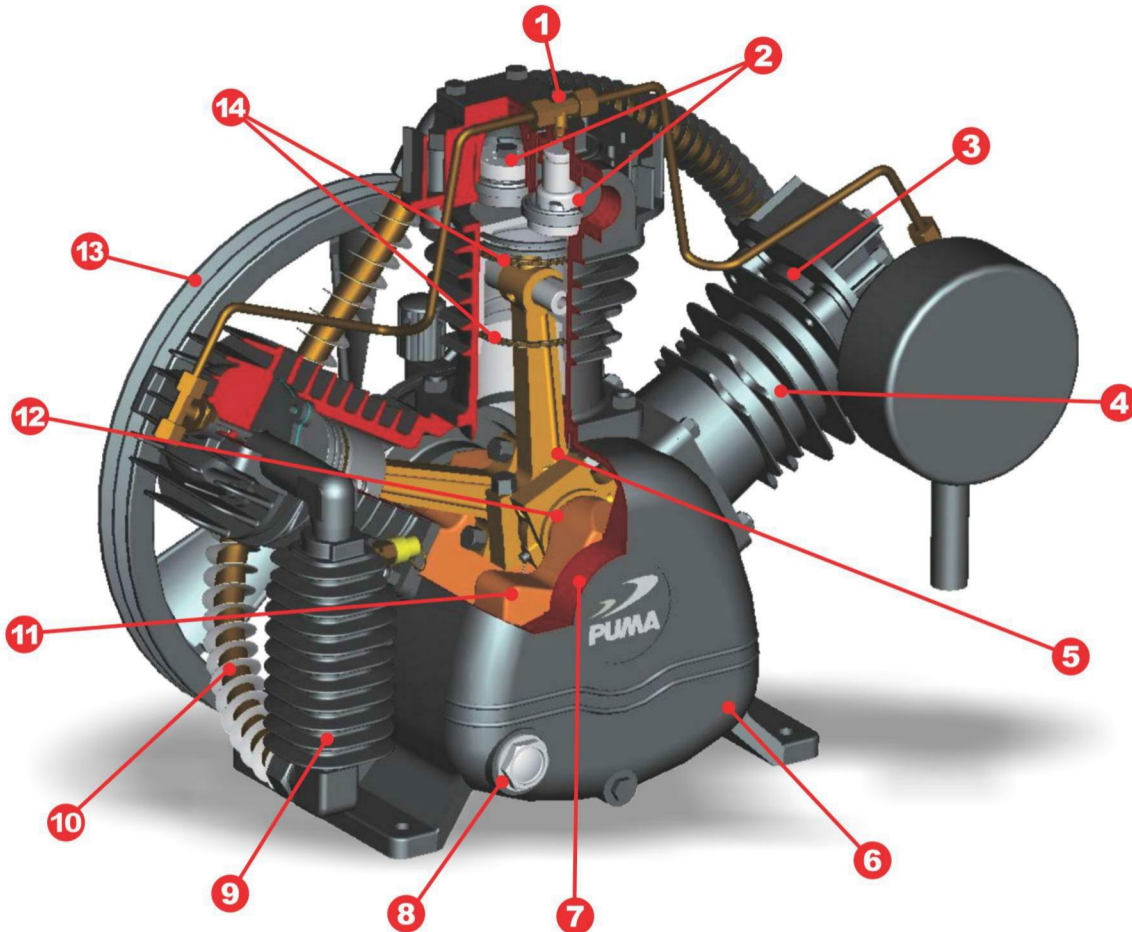




Global Brand Ultimate Power

Diagram illustration of a Puma Air Compressor

**Three cylinder radial configuration
for balanced and effective cooling operation**



- 1** Head unloaders for continuous run.
- 2** Dependable, accessible, and efficient disc valves increase service life and serviceability.
- 3** Graphite gaskets offer superior sealing against high temperatures.
- 4** Precision honed cast iron cylinders.
- 5** Two-piece forged steel connecting rods.
- 6** One-piece cast iron crankcase provides durable and smooth operation.
- 7** Oversized ball or tapered roller thrust bearings on both side of crankshaft for long operation life.
- 8** Oil sight glass for quick and accurate lubricant level reading.
- 9** Intercooler further reduces inter-stage air temperature for maximum compression efficiency and valve life.
- 10** Copper finned discharge tubes help reducing inter-stage air temperature.
- 11** Counter weighted large diameter crankshaft provides smooth operation and longer wear.
- 12** Replaceable journal bearings extend rod life and simplify service.
- 13** Oversized flywheel delivers high flow of air for cooling.
- 14** Step-type compression and 3-piece oil control piston rings provide improved leakage and oil control.

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- 19 AIR TOOLS-Grinder/Blow Gun
- 20 Filter, Regulator & Lubricator
- 21 Accessories-Engine Controller & Valve/Service Valve / Drain Valve/ASME Pressure Relief Valve
- 22 Accessories-Check Valve/Pressure Switch/Pressure Gauge
- 23 Accessories-Quick Coupler/Air Filter/Filter Element
- 24 Accessories-Fitting/Hose/Lubricant/Combo Kit
- 25 Accessories-Premium Package/Magnetic Motor Starter/Hand Carry Tank / Air Keg
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Professional Oil-less Direct Drive Series

- Compact and portable designs.
- Patented pump design for lower noise and improved cooling (features on PN and LA models.)
- Maintenance-free.
- All models are driven by induction motors with overload protection.
- Ideal for home and professional applications.



Model	PN1004PK	LA5706	LA5721	LA9003A
H.P.	0.5	1	1	1.5
R.P.M.	3450	3450	3450	3450
C.F.M.	@ 40 PSI	1.1	3	4.8
	@ 90 PSI	0.7	2.2	3.6
Max. PSI	135	135	135	135
Volt. /Phase	115 / Single	115 / Single	115 / Single	115 / Single
F.L. Amperage	3.0	6.5	6.5	13.5
Tank Cap. (GAL.)	1	1.5	2	3
Weight (Lbs)	23	33	38	31
Noise (dB)	68	76	78	82
Certificate	CSA	CSA	CSA	CSA
Accessories	25ft 1/4" coil hose, tire chuck, needle inflator			Aluminum tank



Model	WE1504C	WE1504CK	WE1508VP
H.P.	1.5	1.5	1.5
R.P.M.	1720	1720	1720
C.F.M.	@ 40 PSI	5.4	5.4
	@ 90 PSI	4.0	4.0
Max. PSI	125	125	125
Volt. /Phase	115 / Single	115 / Single	115 / Single
F.L. Amperage	12	12	12
Tank Cap. (GAL.)	4	4	8
Weight (Lbs)	88	105	88
Noise (dB)	70	70	70
Certificate	CSA	CSA	CSA
Accessories		100 ft 3/8" PU hose reel (removable)	

Professional D.C. Oil-less Direct Drive Series

- Oil-less design allows units to be mounted in any orientation.
- Deep cooling fin design on cylinder head and cylinders for high efficiency cooling.
- Oversized motor cooling fan prevent motor from overheating.
- Continuous duty cycle for DE and PD series, 60% duty cycle for DC series.
- Ideal for off-road vehicles, RV, agriculture, construction, motorsports, and applications where on-board air is needed.



Model	DC02	DC05K	DE05	DE07
H.P.	1/4	1/2	1/2	3/4
R.P.M.	3000	2700	2100	3000
Amp.(A) / Battery (AH)	@ 12VDC	28 / 30	32 / 30	46 / 50
	@ 24VDC	8 / 10	19 / 20	22 / 30
Max. PSI	135	135	135	135
FAD-CFM	Disp.	1.2	1.9	2.3
	40 PSI	0.72	1.2	1.52
	90 PSI	0.48	0.8	0.96
Duty Cycle	60%	60%	Continuous	Continuous
Noise (dB)	68	70	72	78
Dimension (in.)	9 x 4.7 x 7	11.8 x 4.3 x 6.7	12.2 x 7.5 x 11	12.2 x 7.5 x 11
Wts. Lbs.	6	6	18	19
Accessories		Overload breaker, Solenoid Relay		



Model	DE08K	PD1006	PD1012A
H.P.	1	3/4	3/4
R.P.M.	3400	3000	3000
Amp.(A) / Battery (AH)	@ 12VDC	46 / 50	46 / 50
	@ 24VDC	22 / 30	22 / 30
Max. PSI	135	135	135
FAD-CFM	Disp.	3.3	3.3
	40 PSI	2.0	2.0
	90 PSI	1.36	1.36
Tank Cap. (GAL.)	-	1.5	3.0
Duty Cycle	Continuous	Continuous	Continuous
Noise (dB)	80	78	78
Dimension (in.)	14.2 x 6.7 x 8.66	19.3 x 8.3 x 17.3	21.5 x 7.5 x 19
Wts. Lbs.	10.5	31	30
Accessories	Overload breaker, Solenoid Relay	Pressure switch, Overload breaker, 6.5 ft jump cable	Aluminum tank, Pressure switch, Overload breaker, 6.5 ft jump cable

Professional Oil-lube Direct Drive Series

- Compact and portable designs.
- All models are driven by induction motors with overload protection.
- Ideal for home and professional applications.



Model	DD2022S	DP2022S
H.P.	1.5	2
R.P.M.	1720	3450
C.F.M.	@ 40 PSI	6
	@ 90 PSI	4.6
Max. PSI	135	135
Volt. /Phase	115 / Single	115 / Single
F.L. Amperage	11.0	13.0
Tank Cap. (GAL.)	4	4
Weight (Lbs)	74	75
Noise (dB)	81	85
Certificate	CSA	CSA



Model	DD1508VP	DP2505C
H.P.	1.5	2.5
R.P.M.	1720	3450
C.F.M.	@ 40 PSI	6.5
	@ 90 PSI	5.5
Max. PSI	135	135
Volt. /Phase	115 / Single	115 / Single
F.L. Amperage	11.0	14.0
Tank Cap. (GAL.)	8	5
Weight (Lbs)	80	102
Noise (dB)	81	85
Certificate	CSA	CSA

Professional Single Stage Belt Drive Portable Series

- Oil lubricated, single stage cast iron pumps. Ideal for home and professional applications.
- Single phase dual voltage induction motors with overload protection.
- Built-in pressure regulator and quick coupler for pressure control of output air, and steel wheels with ball bearing and No-flat tires for best mobility.



Model		PK5020VP	PK5020
Electric Motor	H.P.	2	2
	R.P.M	3450 / ODP	3450 / ODP
	Volt./ Phase/ Amp.	115, 230*/ Single/ 14, 7	115, 230*/ Single/ 14, 7
Pump R.P.M		1150	1150
Max. Working PSI.		135	135
C.F.M.	@ 40 PSI	6.1	6.1
	@ 90 PSI	5	5
TANK	Gal.	20	20
	Style	Vertical Portable	Horizontal, Portable
	Code	ASME	ASME
Weight (Lbs)		183	194
Remark		CSA	CSA



Model		PUK-2008MDC	PUK-2020MDC
Electric Motor	H.P.	2	2
	R.P.M	3450 / TEFC	3450 / TEFC
	Volt./ Phase/ Amp.	115, 230*/ Single/ 19, 9.5	115, 230*/ Single/ 19, 9.5
Pump R.P.M		980	980
Max. Working PSI.		135	135
C.F.M.	@ 40 PSI	8.5	8.5
	@ 90 PSI	7.4	7.4
TANK	Gal.	8	20
	Style	Twin Portable	Horizontal, Portable
	Code		ASME
Weight (Lbs)		200	240
Remark		Dual Control	Dual Control

* Dual voltage motors, require rewiring by customers if 230V is needed. 230V plug is not included and needed to be purchased by customers to meet local code. *230V plug is not sold by Puma.

Professional / Commercial

Single Stage Honda GX160 Gas-Engine Powered Series

- Engines used on all models are 50-states compliant.
- Cast iron single stage pumps.
- Honda GX160 series engines on all units are commercial-grade with low oil protection.
- 100% Duty cycle.



Model		DG5522HP	PUK5508HG
Engine	H.P.	5.5	5.5
	Starter	n/a	n/a
Pump R.P.M		3450	1310
FAD-CFM	@ 40 PSI	8.3	10.6
	@ 90 PSI	7.1	9.2
Gal.		4	8
TANK	Style	Twin Stack Portable	Twin Portable
	Code		
Weight (Lbs)		98	183
Accessories		Regulator, 1/4" Quick Couplers x2	1/4" Quick Coupler x1



Model		PUN5520G	PUK5530HG
Engine	H.P.	5.5	5.5
	Starter	n/a	n/a
Pump R.P.M		1150	1170
FAD-CFM	@ 40 PSI	12.6	14
	@ 90 PSI	11	12
Gal.		20	30
TANK	Style	Horizontal Portable	Horizontal
	Code	ASME	ASME
Weight (Lbs)		202	340
Accessories		Regulator, 1/4" Quick Couplers x2	1/2" Ball valve

Professional / Commercial

Single Stage Powered by Honda GX200/ 240 Series

- Engines used on all models are 50-states compliant.
- Honda GX series engines on all units are commercial-grade with low oil protection and electric start.
- Available with choice of 6.5 and 8HP.
- Cast iron single stage V or W type pumps.
- 100% Duty cycle.



Model		PUK6530HGE	PUK-8008HGE
Engine	H.P.	6.5	8.0
	Starter	Yes*	Yes*
Pump R.P.M		1365	1365
FAD-CFM	@ 40 PSI	16	20
	@ 90 PSI	14.5	18.5
Gal.		30	8
TANK	Style	Horizontal	Twin Portable
	Code	ASME	
Weight (Lbs)		350	315
Accessories		1/2" Ball valve	Regulator, Battery holder, 1/4" Quick Couplers x2



Model		PUK-8030HGE	PUK-80HGE
Engine	H.P.	8.0	8.0
	Starter	Yes*	Yes*
Pump R.P.M		1290	1290
FAD-CFM	@ 40 PSI	22	22
	@ 90 PSI	20.5	20.5
Gal.		30	n/a
TANK	Style	Horizontal	Base Plate**
	Code	ASME	
Weight (Lbs)		485	409
Accessories		1/2" Ball valve	

* Battery and Cable are not included.

** Tank is not included.

Professional / Commercial

Two Stage Gas-Powered Series

- Engines used on all models are 50-states compliant.
- Honda GX series engines on all units are commercial-grade with low oil protection and electric start.
- Available with choices of 8, and 13HP Honda GX240 and GX390 engines.
- Cast iron two stage pumps.
- 100% Duty cycle.



Model		TUE-8008HGE	TE-8030HGE	TE-80HGE
Engine	H.P.	8	8	8
	Starter	Yes*	Yes*	Yes*
Pump R.P.M		1500	1260	1260
FAD-CFM	@ 90 PSI	15	16.5	16.5
	@ 175 PSI	14	15.5	15.5
TANK	Gal.	8	30	n/a
	Style	Twin Portable	Horizontal, Truck Mount	Base Plate, Truck Mount**
	Code		ASME	
Weight (Lbs)		318	407	331
Accessories		Regulator, w/ Battery holder, Quick Couplers x2	1/2" Ball valve	



Model		TUK-13030HGE	TUK-130HGE
Engine	H.P.	13	13
	Starter	Yes*	Yes*
Pump R.P.M		1230	1230
FAD-CFM	@ 90 PSI	24	24
	@ 175 PSI	23	23
TANK	Gal.	30	n/a
	Style	Horizontal, Truck Mount	Base Plate, Truck Mount**
	Code	ASME	
Weight (Lbs)		481	405
Accessories		1/2" Ball valve	

* Battery and cables are not included.

** Tank is not included.

Professional Single Stage Belt Drive Stationary Series

- Oil lubricated, single stage cast iron pumps.
- Single phase induction motors with overload protection.
- 1/2" outlet ball valve and 1/4" drain ball valve on all units.
- Accessories such as automatic water drain, vibration damper, and regulator filter are available.
- Ideal for home and professional applications.



Model		PK-6060V	PK-6560V	PK-7060V
Electric Motor	H.P.	3	5	6.5
	R.P.M	3450 / 56	3450 / 56	3450 / 182
	Volt./ Phase/ Amp.	208-230/ Single/ 16.6-15	208- 230/ Single/ 21-19	208- 230/ Single/ 28-24
Pump R.P.M		980	1180	1130
Max. Working PSI.		135	135	135
C.F.M.	@ 40 PSI	12.6	17	21
	@ 90 PSI	11.3	15.5	19.5
TANK	Gal.	60	60	60
	Style	Vertical	Vertical	Vertical
	Code	ASME / CRN	ASME / CRN	ASME / CRN
Weight (Lbs)		305	325	360
Remark				Extend Water Drain
Magnetic Starter		n/a	Option	Combo Pressure Switch Starter

Professional

3 / 5 / 6.5 H.P. Two Stage Belt Drive Stationary Series

- Oil lubricated, two stage cast iron pumps. Two cylinder V type or Three cylinder radial type pumps.
- 1/2" outlet ball valve and 1/4" extended drain ball valve on all units.
- All tanks are rated at 200 PSI with either ASME or CRN certified.
- Professional grade units are available in accessories such as automatic water drain, vibration damper, and high flow heavy duty regulator filter.



Model		TE-3040V	TE-5040V	TE-6540V
Electric Motor	H.P.	3	5	6.5
	R.P.M / Frame	3450 / 56	3450 / 56	3450 / 182
	Volt./ Phase/ Amp.	208-230 / Single / 16.6-15	208-230 / Single / 23-21	208-230 / Single / 24.5-23
Pump R.P.M		985	985	1268
Max. Working PSI.		175	175	175
FAD-CFM	@ 90 PSI	10.2	14	17
	@ 175 PSI	9.3	12.8	16
TANK	Gal.	40	40	40
	Style	Vertical	Vertical	Vertical
	Code	ASME	ASME	ASME
Weight (Lbs)		260	280	295
Magnetic Starter		n/a	Option	Combo Pressure Switch Starter



Model		TE-5080V	TE-6580V	TN-6580VM
Electric Motor	H.P.	5	6.5	6.5
	R.P.M / Frame	3450 / 56	3450 / 182	3450 / 182
	Volt./ Phase/ Amp.	208-230 / Single / 21-19	208-230 / Single / 24.5-23	208-230 / Single / 24.5-23
Pump R.P.M		985	1268	985
Max. Working PSI.		175	175	175
FAD-CFM	@ 90 PSI	14	17	17
	@ 175 PSI	12.8	16	16
TANK	Gal.	80	80	80
	Style	Vertical	Vertical	Vertical
	Code	ASME / CRN	ASME / CRN	ASME / CRN
Weight (Lbs)		460	475	500
Magnetic Starter		Option	Combo Pressure Switch Starter	Yes

Commercial / Industrial

5 H.P. Two Stage Belt Drive Stationary Series



Model		TN-5080VM	TN-5080VM3 *	TUK-5080VM	TUK-5080VM3 *
Electric Motor	H.P.		5		5
	R.P.M / Frame	1740 / 184	1750 / 184	1740 / 184	1750 / 184
	Volt./ Phase/ Amp.	208-230 / Single / 16.6-15	208-230 or 460 / Three / 23-21	208-230 / Single / 23.5-21.5	208-230 or 460 / Three / 14-13.2 or 6.6
Pump R.P.M			950		950
Max. Working PSI.			175		175
FAD-CFM	@ 90 PSI		18		18.3
	@ 175 PSI		16.5		17
TANK	Gal.		80		80
	Style		Vertical		Vertical
	Code		ASME / CRN		ASME / CRN
Weight (Lbs)		550	535	560	560
Magnetic Starter			Yes		Yes
Outlet Ball Valve			1/2"		1/2"
Ext. Manual Drain			1/4"		1/4"
Premium Package			Option		Option



Model		TUK-50120VM	TUK-50120VM3 *	TUK-50120M	TUK-50120M3 *
Electric Motor	H.P.		5		5
	R.P.M / Frame	1740 / 184	1750 / 184	1740 / 184	1750 / 184
	Volt./ Phase/ Amp.	208-230 / Single / 23.5-21.5	208-230 or 460 / Three / 14-13.2 or 6.6	208-230 / Single / 23.5-21.5	208-230 or 460 / Three / 14-13.2 or 6.6
Pump R.P.M			950		950
Max. Working PSI.			175		175
FAD-CFM	@ 90 PSI		18.3		18.3
	@ 175 PSI		17		17
TANK	Gal.		120		120
	Style		Vertical		Horizontal
	Code		ASME / CRN		ASME / CRN
Weight (Lbs)		815	810	755	750
Magnetic Starter			Yes		Yes
Outlet Ball Valve			1"		1"
Ext. Manual Drain			1/4"		1/4"
Premium Package			Option		Option

* Three phase motor, customers must specify voltage (208-230 or 460 V) when ordering.

Commercial / Industrial

7.5 H.P. Two Stage Belt Drive Stationary Series



Model		TN-7580VM	TUE-7580VM	TUE-7580VM3 *	TUE-75120VM	TUE-75120VM3 *	TUE-75120M	TUE-75120M3 *
Electric Motor	H.P.	7.5	7.5	7.5	7.5	7.5	7.5	7.5
	R.P.M / Frame	3450 / 184	1740 / 215	1740 / 215	1740 / 215	1740 / 215	1740 / 215	1740 / 215
	Volt./ Phase/ Amp.	208-230/ Single/ 33	208-230/ Single/ 33.3-31.3	208-230 or 460/ Three/ 19.8-17.9 or 8.97	208-230/ Single/ 33.3-31.3	208-230 or 460/ Three/ 19.8-17.9 or 8.97	208-230/ Single/ 33.3-31.3	208-230 or 460/ Three/ 19.8-17.9 or 8.97
Pump R.P.M		1161	1180	1180	1180	1180	1180	1180
Max. Working PSI.		175	175	175	175	175	175	175
FAD-CFM	@ 90 PSI	22	23	23	23	23	23	23
	@ 175 PSI	21	22	22	22	22	22	22
TANK	Gal.	80	80	80	120	120	120	120
	Style	Vertical	Vertical	Vertical	Vertical	Vertical	Horizontal	Horizontal
	Code	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN
Weight (Lbs)		550	600	550	835	830	775	770
Magnetic Starter		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Outlet Ball Valve		1/2"	1/2"	1/2"	1"	1"	1"	1"
Ext. Manual Drain		1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Premium Package		Option	Option	Option	Option	Option	Option	Option



Model		TUK-7580VM	TUK-7580VM3 *	TUK-75120VM	TUK-75120VM3 *	TUK-75120M	TUK-75120M3 *
Electric Motor	H.P.	7.5	7.5	7.5	7.5	7.5	7.5
	R.P.M / Frame	1740 / 215	1740 / 215	1740 / 215	1740 / 215	1740 / 215	1740 / 215
	Volt./ Phase/ Amp.	208-230 / Single / 40	460 / Three / 8.97	208-230 / Single / 40	208-230 or 460 / Three / 19.8-17.9 or 8.97	208-230 / Single / 40	208-230 / Three / 19.8-17.9
Pump R.P.M		890	890	890	890	890	890
Max. Working PSI.		175	175	175	175	175	175
FAD-CFM	@ 90 PSI	24	24	24	24	24	24
	@ 175 PSI	23	23	23	23	23	23
TANK	Gal.	80	120	120	120	120	120
	Style	Vertical	Vertical	Vertical	Vertical	Horizontal	Horizontal
	Code	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN	ASME / CRN
Weight (Lbs)		620	610	950	945	955	950
Magnetic Starter		Yes	Yes	Yes	Yes	Yes	Yes
Outlet Ball Valve		1/2"	1/2"	1"	1"	1"	1"
Ext. Manual Drain		1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Premium Package		Option	Option	Option	Option	Option	Option

* Three phase motor, customers must specify voltage (208-230 or 460 V) when ordering.

Commercial / Industrial

10/15/20 H.P. Two Stage Belt Drive Stationary Series



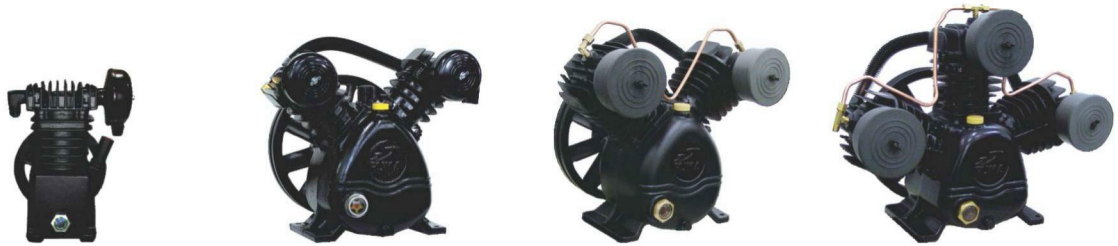
Model		TUK-10080VM1	TUK-10080VM3 *	TUK-100120VM1	TUK-100120VM3 *	TUK-100120M1	TUK-100120M3 *
Electric Motor	H.P.	10		10		10	
	R.P.M / Frame	1740 / 215		1740 / 215		1740 / 215	
	Volt./ Phase/ Amp.	208-230 / Single / 44.8-39	208-230 or 460/ Three/ 27-24.4 or 12.2	208-230 / Single / 44.8-39	208-230 or 460/ Three/ 27-24.4 or 12.2	208-230 / Single / 44.8-39	208-230 or 460/ Three/ 27-24.4 or 12.2
Pump R.P.M		800	870	800	870	800	870
Max. Working PSI.		175		175		175	
C.F.M.	@ 90 PSI	33	36.3	33	36.3	33	36.3
	@ 175 PSI	32	34.2	32	34.2	32	34.2
TANK	Gal.	80		120		120	
	Style	Vertical		Vertical		Horizontal	
	Code	ASME / CRN		ASME / CRN		ASME / CRN	
Weight (Lbs)		740		995		1020	
Magnetic Starter		Yes		Yes		Yes	
Outlet Ball Valve		1/2"		1"		1"	
Ext. Manual Drain		1/4"		1/4"		1/4"	
Premium Package		Option		Option		Option	



Model		TUK-150120VM3 *	TUK-150120M3 *	TUK-200120M3 *
Electric Motor	H.P.	15	15	20
	R.P.M / Frame	1740 / 254	174 / 254	1740 / 256
	Volt./ Phase/ Amp.	208-230 or 460 / Three / 39-35.4 or 17.7	208-230 or 460 / Three / 39-35.4 or 17.7	208-230 or 460 / Three / 54 or 27
Pump R.P.M		870	870	800 / 870
Max. Working PSI.		175	175	175
C.F.M.	@ 90 PSI	50	50	75
	@ 175 PSI	48	48	64
TANK	Gal.	120	120	120
	Style	Vertical	Horizontal	Horizontal
	Code	ASME / CRN	ASME / CRN	ASME / CRN
Weight (Lbs)		1080	1100	1180
Magnetic Starter		Yes	Yes	Yes
Outlet Ball Valve		1"	1"	1"
Ext. Manual Drain		1/4"	1/4"	1/4"
Premium Package		Option	Option	Option

* Three phase motor, customers must specify voltage (208-230 or 460 V) when ordering.

Single Stage Pumps Single Stage Belt Drive Oil Lube



Model	PK20	PK50	PUK60	PUK65
H.P.	3/4-1	1-2	2-4.5	3-5
R.P.M.	815-1040	850-1150	986-1400	900-1315
*Displ. CFM	5.6	7.6	15	22
*Deliv. CFM	3	5	12	17
No. of Cyl.	1	2	2	3
Max. PSI.	140	140	140	140
Dimension (in)	8×8×11	15×11×13	15×11×14	18×11×15
Weight (lbs)	20	35	41	58
Remarks			w/Head unloader	w/Head unloader



Model	PP60	PP65	CUK30
H.P.	2-3.5	3-4.5	2-4
R.P.M.	986-1200	900-1150	775-1200
*Displ. CFM	13	20	17
*Deliv. CFM	10	15.5	13.5
No. of Cyl.	2	3	2
Max. PSI.	135	135	140
Dimension (in)	16×11×14	18×11×15	15×13×13
Weight (lbs)	47	53	57
Remarks			w/Head unloader



Model	CK20	CK30	CK40
H.P.	1.5-3	2-4	4.5-6.5
R.P.M.	775-1270	775-1200	775-1130
*Displ. CFM	11	17	24
*Deliv. CFM	9	13.5	19.5
No. of Cyl.	2	2	3
Max. PSI.	140	140	140
Dimension (in)	15×13×13	15×13×13	20×14×17
Weight (lbs)	55	57	68
Remarks			

Two Stage Pumps

Two Stage Belt Drive Oil Lube



Model	GT27	TE30	CT40	CT47	CT51
H.P.	1.75-2.25	3-4.5	4-5	4.5-6.5	5-7.5
R.P.M.	900-1300	985-1200	850-1260	850-1500	900-1300
*Displ. CFM	8.1	13.5	17.7	24.5	27.7
*Deliv. CFM	6.9	11.5	15.5	20.8	23.5
No. of Cyl.	2(L×1&H×1)	3(L×2&H×1)	3(L×2&H×1)	3(L×2&H×1)	2(L×1&H×1)
Max. PSI.	175	175	175	175	175
Dimension (in)	14×11×13	18×11×15	20×14×17	18.5×13×15.5	23×14×21
Weight (lbs)	45	58	73	71.5	123
Remarks					



Model	CUT75	CUT100	CUT150	TUE50
H.P.	7.5-10	10	15	3.5-5
R.P.M.	860-1300	950	870	850-1500
*Displ. CFM	39	40	58	17
*Deliv. CFM	33	34	48	15
No. of Cyl.	3(L×2&H×1)	3(L×2&H×1)	4(L×3&H×1)	3(L×2&H×1)
Max. PSI.	175	175	175	175
Dimension (in)	25.6×17×21.6	28×17×24	28×22×23	18×11×15
Weight (lbs)	158.5	210	308	61
Remarks	w/ Head unloader	w/ Head unloader	w/ Head unloader	w/ Head unloader



Model	TK50	TUK50	TUK100	TUK200
H.P.	5-7.5	5-7.5	10	20
R.P.M.	950-1300	950-1300	870	935
*Displ. CFM	28	28	40	74.7
*Deliv. CFM	23.6	23.6	34.2	62
No. of Cyl.	3(L×2&H×1)	3(L×2&H×1)	3(L×2&H×1)	175
Max. PSI.	175	175	175	3(L×2&H×1)
Dimension (in)	23×15×20	23×11×20	27×21×22	33.1×21.3×26
Weight (lbs)	132	135	250	415
Remarks		w/ Head unloader	w/ Head unloader	w/ Head unloader

Oil Less Pumps

Single Stage Direct Drive Oil Less



Model	LA57	LA75	MG90
H.P.	3/4	3/4	1.5
R.P.M.	3450	1720	3450
* Displ. CFM	3.8	3.0	5.9
* Deliv. CFM	2.2	1.6	3.6
No. of Cyl.	1	1	1
Max. PSI.	140	140	140
Dimension (in)	11×7×10	13×9×10	12×6.3×5.7
Weight (lbs)	18	23	22
# dBA	76	75	78



Model	WS1	WD2	PF2	PF3
H.P.	1	2	1.5	3
R.P.M.	1720	1720	1720	1720
* Displ. CFM	3.8	7.6	6.1	10.4
* Deliv. CFM	2.0	4	3.5	5.8
No. of Cyl.	1	2	1	2
Max. PSI.	140	140	140	140
Dimension (in)	12×9×9	13×9×9	16×11×13	17×15×13
Weight (lbs)	22	31	44	61
# dBA	61	63	75	78

Single Stage Belt Drive Oil Less



Model	BF2	BUF5	BUF10
H.P.	2	5	10
R.P.M.	830	810	820
* Displ. CFM	9.7	24.7	47
* Deliv. CFM	6.7	18.5	31.5
No. of Cyl.	2	2	3
Max. PSI.	140	140	140
Dimension (in)	17×11×17	26×17×24	30×22×29
Weight (lbs)	50	125	210
Remarks		w/ Head unloader	w/ Head unloader

* Displacement CFM ratings are based on max. horsepower of units, and Delivered CFM ratings are measured at 90 PSIG under max. horsepower.

dBA may vary according to the configuration.

AIR TOOLS

Air Impact Wrench

■ AT-5380-6



1" AIR RATCHET WRENCH W/6" ANVIL

Hammer mechanism : Twin hammer
 Square drive : 1"
 Max. torque : 1600 ft/lbs
 Bolt capacity : 1-3/8"
 Free speed : 5000
 Length : 19.17"
 Air inlet : 1/2"
 Air hose : 1/2"
 Working pressure : 90-115 psi
 Weight : 17.86 lb
 Air Consumption :
 9 CFM avg.; 36 CFM @ load

■ AT-5261



3/4" COMPOSITE AIR IMPACT WRENCH

Hammer mechanism : Twin hammer
 Square drive : 3/4"
 Max. torque : 1050 ft/lbs
 Bolt capacity : 1-1/8"
 Free speed : 6500
 Length : 8.74"
 Air inlet : 3/8"
 Air hose : 1/2"
 Working pressure : 90 psi
 Weight : 8.16 lb
 Air Consumption :
 7.5 CFM avg.; 30 CFM @ load

■ AT-5348



1/2" HEAVY DUTY COMPOSITE AIR IMPACT WRENCH

Hammer mechanism : Twin hammer
 Square drive : 1/2"
 Max. torque : 600 ft/lbs
 Bolt capacity : 3/4"
 Free speed : 7000
 Length : 7.83"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 4.4 lb
 Air Consumption :
 5 CFM avg.; 20 CFM @ load

■ AT-5247



1/2" AIR IMPACT WRENCH

Hammer mechanism : Twin hammer
 Square drive : 1/2"
 Max. torque : 500 ft/lbs
 Bolt capacity : 5/8"
 Free speed : 7000
 Length : 7.28"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 5.73 lb
 Air Consumption :
 5.5 CFM avg.; 22 CFM @ load

■ AT-5641



1/2" AIR IMPACT WRENCH

Hammer mechanism : Twin hammer
 Square drive : 1/2"
 Max. torque : 480 ft/lbs
 Bolt capacity : 5/8"
 Free speed : 10000
 Length : 4.45"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 3.31 lb
 Air Consumption :
 4.5 CFM avg.; 18 CFM @ load

■ AT-5646



1/2" AIR IMPACT WRENCH

Hammer mechanism : Jumbo hammer
 Square drive : 1/2"
 Max. torque : 400 ft/lbs
 Bolt capacity : 5/8"
 Free speed : 9000
 Length : 3.46"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 2.78 lb
 Air Consumption :
 4.5 CFM avg.; 18 CFM @ load

■ AT-5236



3/8" AIR IMPACT WRENCH

Hammer mechanism : Jumbo hammer
 Square drive : 3/8"
 Max. torque : 350 ft/lbs
 Bolt capacity : 1/2"
 Free speed : 11000
 Length : 3.9"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 3.0 lb
 Air Consumption :
 4.5 CFM avg.; 18 CFM @ load

■ AT-5130



3/8" AIR IMPACT WRENCH

Hammer mechanism : Rocking Dog hammer
 Square drive : 3/8"
 Max. torque : 125 ft/lbs
 Bolt capacity : 3/8"
 Free speed : 9500
 Length : 7.09"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 2.31 lb
 Air Consumption :
 4 CFM avg.; 16 CFM @ load

AIR TOOLS

Air Ratchet Wrench

■ AT-5256



1/4" AIR RATCHET WRENCH

Square drive : 1/4"
 Max. torque : 20 ft/lb
 Bolt capacity : 1/4"
 Free speed : 260
 Length : 6.3"
 Air inlet : 1/4"
 Air hose : 1/4"
 Working pressure : 90 psi
 Weight : 1.1 lb
 Air Consumption :
 2.8 CFM avg.; 11 CFM @ load

■ AT-5350



3/8" RECOILLESS AIR RATCHET WRENCH

Square drive : 3/8"
 Max. torque : 50 ft/lb
 Bolt capacity : 3/8"
 Free speed : 400
 Length : 11.61"
 Air inlet : 1/4"
 Air hose : 3/8"
 Working pressure : 90 psi
 Weight : 2.78 lb
 Air Consumption :
 4 CFM avg.; 16 CFM @ load

Drill

■ AT-4237RS



3/8" REVERSIBLE AIR DRILL (3000 RPM)

Chuck size : 3/8"
 Free speed : 3000
 Spindle : 3/8" - 24
 Air inlet : 1/4"
 Air hose : 3/8"
 Length : 7.68"
 Working pressure : 90 psi
 Weight : 2.87 lb
 Air Consumption :
 4.5 CFM avg.; 18 CFM @ load

■ AT-4147R



1/2" REVERSIBLE AIR DRILL (800 RPM)

Chuck size : 1/2"
 Free speed : 800
 Spindle : 3/8" - 24
 Air inlet : 1/4"
 Air hose : 3/8"
 Length : 9.13"
 Working pressure : 90 psi
 Weight : 3.88 lb
 Air Consumption :
 4.5 CFM avg.; 18 CFM @ load

Shear

■ AT-6021



AIR METAL SHEARS

Cutting capacity(mm) : Steel 1.2 / Alum. 1.4
 Width of cut : 5.6 mm
 Free speed : 2500
 Length : 8.46"
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 2.51 lb
 Working pressure : 90 psi
 Air Consumption :
 4 CFM avg.; 16 CFM @ load

■ AT-6024



AIR SCISSOR SHEAR

Cutting capacity(mm) : Steel 1.2 / Alum. 1.4
 Free speed : 2500
 Length : 11.81"
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 2.58 lb
 Working pressure : 90 psi
 Air Consumption :
 4 CFM avg.; 16 CFM @ load

Cut Off Tool

■ AT-6126



3" AIR CUT OFF TOOL

Cutting wheel dia. : 3" x 1/16" x 3/8"
 Free speed : 20000
 Length : 7.09"
 Air inlet : 1/4"
 Air Hose : 3/8"
 Weight : 1.85 lb
 Working pressure : 90 psi
 Air Consumption :
 3.5 CFM avg.; 14 CFM @ load

Nibbler

■ AT-6123



AIR NIBBLER (PULL)

Cutting capacity (mm) : steel 1.4 / alum. 1.6
 Stroke per minute (B.P.M.) : 3500
 Length : 7.68"
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 2.05 lb
 Working pressure : 90 psi
 Air Consumption :
 4 CFM avg.; 16 CFM @ load

AIR TOOLS

Hammer

■ AT-2036/R



190MM AIR HAMMER W/QUICK CHANGE RETAINER

Chisel shank : 0.401" Round
Bore Diameter : 3/4"
Piston Stroke Length : 2-5/8"
Blow per min : 3200 B.P.M.
Length : 6.93"
Air inlet : 1/4"
Air hose : 3/8"
Weight : 3.70 lb
Air Consumption :
7 CFM avg.; 14 CFM @ load

Needle Scaler

■ AT-2680N



AIR NEEDLE SCALER

Needles size : $\Phi 3 \times 180 \times 19$ pcs
Blow per min : 4000 B.P.M.
Length : 16.1"
Air inlet : 1/4"
Air hose : 3/8"
Working pressure : 90 psi
Weight : 5.70 lb
Air Consumption :
7 CFM avg.; 14 CFM @ load

Accessory

■ TP-2021K/R



6 PCS CHISEL BITS FOR AIRHAMMER; AT2036R

1pc Point chisel
1pc Flat chisel
1pc Edging chisel
1pc Single cut panel cutter
1pc Hammer chisel
1pc 1/2" Punch

■ AT-2071



NEEDLE SCALER ATTACHMENT FOR AIR HAMMER; AT-2036/R

Needles size : $\Phi 3 \times 180 \times 19$ pcs

Grease Gun/Accessory

■ AT-6038L



COMPOSITE AIR GREASE GUN (500CC/16oz)

Capacity: 500ml (16oz)
Grease port outlet PT: 1/8" NPT
Air inlet: 1/4"
Air hose: 3/8"
Outlet pressure: 3600 psi
Weight: 2.20lb
Working pressure: 90 psi

■ TP6036C



18" FLEXIBLE NYLON HOSE

For Air Tools:
AT-6038 ; AT6038L (kg/cm²)
Weight : 5.70 lb

Tire Inflator

■ AA-6100



TIRE INFLATOR KIT

Range: 10 to 170 PSI
Includes 1/4" quick connect plug
Swivel Dial gauge with protective rubber guard
Trigger actuated functions
Includes one straight lock-on chuck and a 30° dual air chuck
Includes a 12" hose extension

■ AA-6001A



TIRE INFLATOR WITH GAUGE

Range : 10 to 120 psi
Hose length : 12"
Chuck : 6" dual air chuck
Air inlet : 1/4"

AIR TOOLS

Grinder

■ AT-7034



1/4" AIR ANGLE DIE GRINDER

Collet size : 1/4"
 Free speed : 18000 RPM
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 1.10 lb
 Length : 6.3"
 Working pressure : 90 psi
 Air Consumption :
 6 CFM avg.; 12 CFM @ load

■ AT-7435



1/4" AIR ANGLE DIE GRINDER

Collet size : 1/4"
 Free speed : 30000 RPM
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 0.97 lb
 Length : 4.72"
 Working pressure : 90 psi
 Air Consumption :
 6 CFM avg.; 12 CFM @ load

■ AT-7032



1/4" MINI DIE GRINDER

Collet size : 1/4"
 Free speed : 25000 RPM
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 0.79 lb
 Length : 6.3"
 Working pressure : 90 psi
 Air Consumption :
 6 CFM avg.; 12 CFM @ load

■ AT-7033L



1/4" EXTENDED DIE GRINDER

Collet size : 1/4"
 Free speed : 25000 RPM
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 1.41 lb
 Length : 9.84"
 Working pressure : 90 psi
 Air Consumption :
 6 CFM avg.; 12 CFM @ load

■ AT-7051



5" ANGEL GRINDER

Grinding wheel size : 5"
 Free speed : 12000 RPM
 Air inlet : 1/4"
 Air hose : 3/8"
 Weight : 3.53 lb
 Length : 8.66" (220mm)
 Working pressure : 90 psi
 Air Consumption :
 11.5 CFM avg.; 23 CFM @ load

Blow Gun

■ AA-5018



AIR BLOW GUN (110MM-TUBE)

Body Material : Plastic P.O.M.
 Nozzle Material : Steel
 Nozzle length : 4.3" (110mm)
 Air inlet : 1/4"
 Air hose : 1/4"
 Working pressure : 116 psi
 Max pressure : 160 psi

■ AA-3020




AIR BLOW GUN


Body Material : Zinc
 Nozzle Material : Zinc
 Nozzle length : 0.63" (16mm)
 Air inlet : 1/4"
 Air hose : 1/4"
 Working pressure : 115 psi
 Max pressure : 213 psi





Filter, Regulator & Lubricator

Regulator	
<ul style="list-style-type: none"> ● AA-2121R ● AA-2123R ● AA-2124R 	<p>1/4" AIR REGULATOR & GAUGE Max. Input / Output Pressure: 150/145PSI Ambient Temp: 41-140°F Gauge Port: 1/8" NPT</p> <p>3/8" AIR REGULATOR & GAUGE Max. Input / Output Pressure: 215/145PSI Ambient Temp: 41-140°F Gauge Port: 1/4" NPT</p> <p>1/2" AIR REGULATOR & GAUGE Max. Input / Output Pressure: 215/145PSI Ambient Temp: 41-140°F Gauge Port: 1/4" NPT</p>
<ul style="list-style-type: none"> ● 2408008LNGI 	<p>AIR REGULATOR & GAUGE Specifications: Air Inlet / Outlet 1/4" NPT Max. Work Pressure 150 PSI</p>
<ul style="list-style-type: none"> ● 072-P125N02-S01 	<p>1/4" AIR REGULATOR Max. Input/output Pressures: 220/135PSI Ambient Temp: 23-140°F Gauge Port: 1/4" NPT</p>
<ul style="list-style-type: none"> ● AA-2153R-08 	<p>1" AIR REGULATOR Port Size : 1" NPT Proof Input Pressure : 250" Proof Output Pressure : 225 psi Operation Temp. Range : 41~140°F Max. Flow : 175 CFM</p>

Filter	
<ul style="list-style-type: none"> ● AA-2121F 	<p>1/4" Filter Filter Rating (Microns): 20 Max. Input / Output Pressure: 150/145PSI Max. Flow: 35 CFM Ambient Temp: 41-140°F Drain Capacity: 15ml Bowl Size (Oz): 1.7</p>
<ul style="list-style-type: none"> ● AA-2023F ● AA-2024F 	<p>3/8" FILTER Filter Rating (Microns): 20 Max. Input / Output Pressure: 175/140PSI Max. Flow: 69 CFM Ambient Temp: 41-140°F Drain Capacity: 80ml Bowl Size (Oz): 5.1</p> <p>1/2" FILTER Filter Rating (Microns): 20 Max. Input / Output Pressure: 145PSI Max. Flow: 69 CFM Ambient Temp: 41-140°F Drain Capacity: 80ml Bowl Size (Oz): 5.1</p>
<ul style="list-style-type: none"> ● AA-2151F-06 	<p>COMPRESSED AIR FILTER (METAL HOUSING) Filter Rating (Microns): 5 Max. Input / Output Pressure: 250 PSI Flow Rate: 145 SCFM Ambient Temp: 41-140°F Drain Capacity: 80ml Bowl Size(Oz): 8.45</p>
<ul style="list-style-type: none"> ● AA-2153F-08 	<p>COMPRESSED AIR FILTER (METAL HOUSING) Filter Rating (Microns): 5 Max. Input / Output Pressure: 250 PSI Flow Rate: 184 SCFM Ambient Temp: 41-140°F Drain Capacity: 300ml Bowl Size(Oz): 20.29</p>

Regulator Filter	
<ul style="list-style-type: none"> ● AA-2121FR 	<p>1/4" FILTER & REGULATOR Filter Rating (Microns): 20 Max. Input / Output Pressure: 150/145PSI Max. Flow: 35 CFM Ambient Temp: 41-140°F Drain Capacity: 15ml Bowl Size (Oz): 1.7</p>
<ul style="list-style-type: none"> ● AA-2023FR ● AA-2024FR 	<p>3/8" FILTER & REGULATOR Max. Input / Output Pressure: 215/145PSI Ambient Temp: 41-140°F Drain Capacity: 80ml Bowl Size (Oz): 5.1</p> <p>1/2" FILTER & REGULATOR Max. Input/ Output Pressure: 175 PSI Ambient Temp: 41-140°F Drain Capacity: 80ml Bowl Size (Oz): 5.1</p>

Lubricator	
<ul style="list-style-type: none"> ● AA-2023L ● AA-2024L 	<p>3/8" LUBRICATOR Max. Input / Output Pressure: 145/140PSI Max. Flow: 69 CFM Ambient Temp: 41-140°F Oil Capacity: 125 ml Usable Oil: ISO VG-32</p>
	<p>1/2" LUBRICATOR Max. Input / Output Pressure: 145/140PSI Max. Flow: 77 CFM Ambient Temp: 41-140°F Oil Capacity: 125 ml Usable Oil: ISO VG-32</p>

Replacement Filter Element	
<ul style="list-style-type: none"> ● A2151A-04 	<p>COMPRESSED AIR FILTER ELEMENT For AA-2151F-06</p>
<ul style="list-style-type: none"> ● A2153A-04 	<p>COMPRESSED AIR FILTER ELEMENT For AA-2153F-08</p>
<ul style="list-style-type: none"> ● A2024A-07 	<p>FILTER ELEMENT REPLACEMENT For AA-2023FR, AA-2024FR, AA-2023F, AA-2024F</p>
<ul style="list-style-type: none"> ● A2121A-05 	<p>FILTER ELEMENT REPLACEMENT For AA-2121F, AA-2121FR</p>






Accessories

Engine Controller & Valve				
<ul style="list-style-type: none"> ● 041-PV175MN-000 ● 041-PV135MN-000 	PILOT VALVE Internal Diameter: 1/4" NPT Male Work Pressure : 140~175 PSI	<ul style="list-style-type: none"> ● CV-1 ● CV-2 	PILOT UNLOADER CHECK VALVE (LOAD GENIE) Inlet: 1/2" Outlet: 1/2" CV-1 Pressure:95-125 PSI CV-2 Pressure:145-175 PSI	
	Internal Diameter: 1/4" NPT Male Work Pressure : 105~135 PSI		<ul style="list-style-type: none"> ● CV-3 	PILOT UNLOADER CHECK VALVE (LOAD GENIE) Pressure:145 - 175 PSI w/ 3/4" INLET & 1/2" OUTLET PORTS
<ul style="list-style-type: none"> ● 041-PU135RC-000 ● 041-PU175RC-000 	PILOT UNLOADER VALVE 105-135 PSI 1/4" NPT Male Port 3/8" NPT Female Unload Port 1/8" NPT Female Pilot Port	<ul style="list-style-type: none"> ● 2407005 	PILOT VALVE Internal diameter : 1/4 NPT Female Work Pressure : 140 ~ 175 PSI	
	PILOT UNLOADER VALVE 145-175 PSI 1/4" NPT Male Port 3/8" NPT Female Unload Port 1/8" NPT Female Pilot Port		<ul style="list-style-type: none"> ● 2407007 	PILOT VALVE Internal diameter : 1/4 NPT Female Work Pressure : 105 ~ 135 PSI
<ul style="list-style-type: none"> ● 041-DV20RC-000 	DISCHARGE VALVE 20 CFM w/ MUFFLER			
<ul style="list-style-type: none"> ● 031-H065P175RC 	PNEUMATIC THROTTLE CONTROL KIT FOR HONDA GX160 ENGINE	<ul style="list-style-type: none"> ● 031-H130P175RC 	PNEUMATIC THROTTLE CONTROL KIT FOR HONDA GX340 / GX390 ENGINE	
	<ul style="list-style-type: none"> ● 031-H090P175RC 		PNEUMATIC THROTTLE CONTROL KIT FOR HONDA GX240 / GX270 ENGINE	<ul style="list-style-type: none"> ● 031-S140P175RC 
Service Valve / Drain Valve				
<ul style="list-style-type: none"> ● 2413020N ● 2413012N ● 2413002N 	SERVICE VALVE (FEMALE/FEMALE) 1/4" NPT Service Valve	<ul style="list-style-type: none"> ● 2405011 	DRAIN VALVE 1/4" PT Male Drain Valve (Male/Female)	
	3/8" NPT Service Valve		<ul style="list-style-type: none"> ● 2413014N 	DRAIN VALVE 1/4" NPT Male Drain Valve (Male/Female)
	1/2" NPT Service Valve			<ul style="list-style-type: none"> ● 2413020 
<ul style="list-style-type: none"> ● 2413007 	SERVICE VALVE (MALE/FEMALE) 1/2" PT Service Valve			
<ul style="list-style-type: none"> ● 055-10MN10FN 	SERVICE VALVE (MALE/FEMALE) 1" Male/Female			
ASME Pressure Relief Valve				
<ul style="list-style-type: none"> ● 84006007 ● 84006009 ● 84006010 ● 84006018 	1/4" NPT 100 PSI	<ul style="list-style-type: none"> ● 2406016 ● 84006010 	PRESSURE RELIEF VALVE Size: 1/4" Relief Pressure: 150 PSI	
	1/4" NPT 150 PSI		Size: 1/4" Relief Pressure: 200 PSI	
	1/4" NPT 200 PSI			
	1/4" NPT 165 PSI			

Accessories

















Check Valve			
<ul style="list-style-type: none"> ● CV1212M ● CV3434M ● CV1010M 	<p>CHECK VALVE CV1212M 1/2" Male/Female</p> <p>CV3434M 3/4" Male/Female</p> <p>CV1010M 1" Male/Female</p>	<ul style="list-style-type: none"> ● 013-02MFN-AU1 ● 013-03MFN-AU1 	<p>CHECK VALVE W/ AUTO UNLOADER 1/4" Male / Female, CFM: 1-6</p>
	<p>CHECK VALVE W/ AUTO UNLOADER 3/8" Male / Female, CFM: 3-12</p>		
<ul style="list-style-type: none"> ● 2414025T 	<p>1/2" CHECK VALVE (TEFLON) 90° ELBOW JIC 3/4-16 37° Flair to 1/2" PT</p>	<ul style="list-style-type: none"> ● 2414037X 	<p>CHECK VALVE JIC 9/16-18 37° Flair to 1/2" PT</p>

Pressure Switch			
<ul style="list-style-type: none"> ● 2E21-AF276CM ● 2E21-AF357CM 	<p>PRESSURE SWITCH 105-135 PSI 1/4" NPT Four Port Amperage Rating: 25A Straight Unloader</p>	<ul style="list-style-type: none"> ● 2E21-025T ● 2E21-013TB 	<p>PRESSURE SWITCH 95-125 PSI Four Port With ON/OFF Switch</p>
	<p>PRESSURE SWITCH 135-175 PSI 1/4" NPT Four Port Amperage Rating: 25A Straight Unloader</p>		<p>PRESSURE SWITCH 95-125 PSI Single Port With ON/OFF Switch</p>
<ul style="list-style-type: none"> ● 2E21-CF276CM ● 2E21-CF357CM 	<p>PRESSURE SWITCH 105-135 PSI 1/4" NPT Single Port Amperage Rating: 25A Straight Unloader</p>	<ul style="list-style-type: none"> ● 2E21-008X ● 2E21-042T 	<p>PRESSURE SWITCH 140-175 PSI Single Port With ON/OFF Switch</p>
	<p>PRESSURE SWITCH 135-175 PSI 1/4" NPT Single Port Amperage Rating: 25A Straight Unloader</p>		<p>PRESSURE SWITCH 140-175 PSI Four Port With ON/OFF Switch</p>
<ul style="list-style-type: none"> ● 2E21-AF276DM ● 2E21-AF357DM 	<p>PRESSURE SWITCH 105-135 PSI 1/4" NPT Four Port Amperage Rating: 25A 90° Elbow Swivel Unloader</p>	<ul style="list-style-type: none"> ● 056-CD135P4-M01 ● 056-CD175P4-M01 	<p>COMBO PRESSURE SWITCH STARTER 105-135 PSI 1/4" NPT Four Port Amperage Rating: 30A Swivel Unloader</p>
	<p>PRESSURE SWITCH 135-175 PSI 1/4" NPT Four Port Amperage Rating: 25A 90° Elbow Swivel Unloader</p>		<p>COMBO PRESSURE SWITCH STARTER 145-175 PSI 1/4" NPT Four Port Amperage Rating: 30A Swivel Unloader</p>

Pressure Gauge			
<ul style="list-style-type: none"> ● 2D12-15D200I ● 2D12-20D200I 	<p>1-1/2" PRESSURE GAUGE Thread Size: 1/8" NPT Range: 200 PSI</p>	<ul style="list-style-type: none"> ● 2D12-25V300I 	<p>2-1/2" PRESSURE GAUGE Thread Size :1/4 NPT RANGE : 300PSI</p>
	<p>2" PRESSURE GAUGE Thread Size: 1/4" NPT Range: 200 PSI</p>		<p>2-1/2" LIQUID-FILLED PRESSURE GAUGE Thread Size :1/4 NPT RANGE : 300PSI</p>
<ul style="list-style-type: none"> ● 2D12-15V200I ● 2D12-15V200I2 ● 2D12-20V200I 	<p>1-1/2" PRESSURE GAUGE Thread Size: 1/8" NPT Range: 200 PSI</p>	<ul style="list-style-type: none"> ● 2D12-25V20KL 	<p>2-1/2" LIQUID-FILLED PRESSURE GAUGE Thread Size :1/4 NPT RANGE : 300PSI</p>
	<p>1-1/2" PRESSURE GAUGE Thread Size: 1/4" NPT Range: 200 PSI</p>		<p>2.5" PRESSURE GAUGE Thread Size: 1/4" NPT Range: 300 PSI</p>
	<p>2" PRESSURE GAUGE Thread Size: 1/4" NPT Range: 200 PSI</p>	<ul style="list-style-type: none"> ● 2D12-25D20K 	





Legend : ● Blue Retail Package ● Yellow Retail Package ● White Box Only










Accessories



Quick Coupler				
<ul style="list-style-type: none"> ● MQC-2B 	2 WAY QUICK COUPLER Air Inlet/Outlet: 1/4" NPT Max. Work Pressure: 200 PSI	<ul style="list-style-type: none"> ● MSO-1/4M 	MILTON TYPE 1/4" MALE COUPLER Fitting : 1/4"-NPT Working Pressure : 145 psi	
<ul style="list-style-type: none"> ● MQC-3B 	3 WAY QUICK COUPLER Air Inlet/Outlet: 1/4" NPT Max. Work Pressure: 200 PSI	<ul style="list-style-type: none"> ● MPS-1/4M 	MILTON TYPE 1/4" MALE SWIVEL PLUG Fitting : 1/4" NPT Working Pressure : 145 psi	
<ul style="list-style-type: none"> ● GMS-1/4F ● GMS-3/8F ● GMS-1/2F 	LARGE FLOW QUICK COUPLER 1/4" NPT FEMALE	<ul style="list-style-type: none"> ● MSOS-1/4F 	MILTON TYPE 1/4" FEMALE SWIVEL COUPLER Fitting : 1/4" NPT Working Pressure : 145 psi	
	LARGE FLOW QUICK COUPLER 3/8" NPT MALE		<ul style="list-style-type: none"> ● MS-1/4F ● MS-3/8F 	QUICK COUPLER 1/4" NPT FEMALE
	LARGE FLOW QUICK COUPLER 1/2" NPT MALE		<ul style="list-style-type: none"> ● MS-3/8M 	QUICK COUPLER 3/8" NPT MALE
<ul style="list-style-type: none"> ● GMP-1/4F ● GMP-3/8F ● GMP-1/2F 	LARGE FLOW QUICK PLUG 1/4" NPT FEMALE	<ul style="list-style-type: none"> ● MP-1/4F ● MP-3/8F 	QUICK PLUG 1/4" NPT FEMALE	
	LARGE FLOW QUICK PLUG 3/8" NPT FEMALE		<ul style="list-style-type: none"> ● MP-1/4M ● MP-3/8M 	QUICK PLUG 1/4" NPT MALE
	LARGE FLOW QUICK PLUG 1/2" NPT FEMALE		<ul style="list-style-type: none"> ● MP-1/4M ● MP-3/8M 	QUICK PLUG 3/8" NPT MALE
<ul style="list-style-type: none"> ● GMP-1/4M ● GMP-3/8M ● GMP-1/2M 	LARGE FLOW QUICK PLUG 1/4" NPT MALE	<ul style="list-style-type: none"> ● MP-1/4M ● MP-3/8M 	QUICK PLUG 1/4" NPT MALE	
	LARGE FLOW QUICK PLUG 3/8" NPT MALE		<ul style="list-style-type: none"> ● MP-1/4M ● MP-3/8M 	QUICK PLUG 3/8" NPT MALE
	LARGE FLOW QUICK PLUG 1/2" NPT MALE		<ul style="list-style-type: none"> ● MP-1/4M ● MP-3/8M 	QUICK PLUG 3/8" NPT MALE

Air Filter / Filter Element			
<ul style="list-style-type: none"> ● 2142002 ● 2142013 	AIR FILTER ELEMENT 2142002 Diameter: 3.743" Height: 2.383" Work along with 2140009	<ul style="list-style-type: none"> ● 2140011 	1" AIR FILTER Work along with 1809
	2142013 Diameter: 2.561" Height: 1.871" Work along with 2140019A/2140020A	<ul style="list-style-type: none"> ● 1809 aka 2142009 	FILTER ELEMENT Work along with 2140011
<ul style="list-style-type: none"> ● 2140009 	CANISTER AIR FILTER Size: 1" PT Metal housing with filter element Work along with 2142002	<ul style="list-style-type: none"> ● 2140037 	1/2" AIR FILTER Work along with 2142021
<ul style="list-style-type: none"> ● 2140019A ● 2140020A 	1/2" PT CANISTER AIR FILTER Work along with 2142013	<ul style="list-style-type: none"> ● 2140021 	FILTER ELEMENT Work along with 2140037
	3/4" PT CANISTER AIR FILTER Work along with 2142013		

Accessories

Fitting			
<ul style="list-style-type: none"> ● 2N11-02N02N ● 2N11-03N03N ● 2N11-04N04N 	1/4" NPT FEMALE CONNECTOR	<ul style="list-style-type: none"> ● 2N02-02N03NC ● 2N02-02N04NC ● 2N02-03N04NC 	1/4" NPT Male x 3/8" NPT Female ADAPTER
	3/8" NPT FEMALE CONNECTOR		1/4" NPT Male x 1/2" NPT Female ADAPTER
	1/2" NPT FEMALE CONNECTOR		3/8" NPT Male x 1/2" NPT Female ADAPTER
<ul style="list-style-type: none"> ● 2N01-02N02N030C ● 2N01-03N03N030C ● 2N01-04N04N030C 	1/4" NPT MALE CONNECTOR	<ul style="list-style-type: none"> ● 2N02-03N02NC ● 2N02-04N02NC ● 2N02-04N03NC 	3/8" NPT Male x 1/4" NPT Female ADAPTER
	3/8" NPT MALE CONNECTOR		1/2" NPT Male x 1/4" NPT Female ADAPTER
	1/2" NPT MALE CONNECTOR		1/2" NPT Male x 3/8" NPT Female ADAPTER








Hose			
<ul style="list-style-type: none"> ● AA-1012 ● AA-1014 	1/4" NYLON RECOIL AIR HOSE Tubing ID : 1/4" Working Pressure : 200 psi Length : 25' Fitting : 1/4" NPT	<ul style="list-style-type: none"> ● AA-1007 	1/2"X50' RUBBER AIR HOSE Tubing ID : 1/2" Working Pressure : 210 psi Length : 50' Fitting : 1/2" NPT
	3/8" NYLON RECOIL AIR HOSE Tubing ID : 3/8" Working Pressure : 200 psi Length : 25' Fitting : 1/4" NPT		<ul style="list-style-type: none"> ● AA-1061 ● AA-1062 ● AA-1064
<ul style="list-style-type: none"> ● AA1015 	3/8" NYLON RECOIL AIR HOSE Tubing ID : 3/8" Working Pressure : 200 psi Length : 50' Fitting : 1/4" NPT		Tubing ID : 1/4" Working Pressure : 210 psi Length : 50' Fitting : 1/4" NPT
<ul style="list-style-type: none"> ● AA-1301 	5/16"x2.5' SWIVEL WHIP AIR HOSE Tubing ID : 5/16" Working Pressure : 210 psi Length : 2.5' Fitting : 1/4" NPT		<ul style="list-style-type: none"> ● AA-1066 ● AA-1067 ● AA-1069
<ul style="list-style-type: none"> ● AA-1302 	5/16"x5' SWIVEL WHIP AIR HOSE Tubing ID : 5/16" Working Pressure : 210 psi Length : 5' Fitting : 1/4"-NPT		Tubing ID : 3/8" Working Pressure : 210 psi Length : 25' Fitting : 1/4" NPT
<ul style="list-style-type: none"> ● AA-2112 	PU BRAID HOSE REEL Tubing ID : 8.5 mm Working Pressure : 185 psi Length : 100' Fitting : 1/4"-NPT		

Lubricant	
<ul style="list-style-type: none"> ● 074-SAE30-1QT 	REGULAR COMPRESSOR OIL 1QT
<ul style="list-style-type: none"> ● 074-SYN30-1QT 	SYNTHETIC COMPRESSOR OIL 1QT

Combo Kit	
<ul style="list-style-type: none"> ● AA-20K 	20 PIECES PNEUMATIC ACCESSORY KIT 1 Pc Blow Gun 1 Pc Female Connectors 1 Pc Adapter 1 Pc Tapered Brass Nozzle 1 Pc Safety Nozzle 2 Pcs Inflator Needle 2 Pcs male Connectors 1 Pc Dual Tire Chuck 1 Pc Tire Gauge 2 Pcs Female Quick Coupler 1/4" 4 Pcs male Connectors 1/4" 2 Pcs Female Connectors 1/4" 1 Pc Seal Tape

Accessories

Premium Package	
<p>● 059-404010</p> 	<p>VIBRATION DAMPER w/ 3/8" HOLE Dimension: 4" x 4" x 1"</p>
<p>● 3353103</p> 	<p>LOW OIL SWITCH w/o Adapter</p>
<p>● 2405302</p> 	<p>ELECTRIC AUTO WATER DRAIN VALVE w/ TIMER Max PSI: 230 Adjustable Drain Cycle: 0.5-45 min Adjustable Purge time: 0.5-10 sec Drain Rate @ 100 PSI: 8.8 Pilot Pressure: 5-230 PSI Voltage: 115</p>
<p>● 022-ADV-001</p> 	<p>AIR ACTUATE AUTO WATER DRAIN VALVE Max PSI: 300 Bowl Size: 4 oz.</p>
<p>● 2813056</p> 	<p>AFTERCOOLER (B.G MOUNT) w/ 1" NPT PIPE THREAD HOLES*2</p>
<p>● 016-AWS050-001</p> 	<p>AIR WATER SEPERATOR 50CFM Standard: Float Drain Automatic Water Drain: Optional Water Separation: Up to 1QT / per min</p>

Magnetic Motor Starter	
<p>● MS-50-1S</p> 	<p>Rating: 5hp, 208-230volt, single phase Steel housing Built-in overload adjustable control from 22-34 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-75-1S</p> 	<p>Rating: 7.5hp, 208-230volt, single phase Steel housing Built-in overload adjustable control from 32-48 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-100-1S</p> 	<p>Rating: 10hp, 208-230volt, single phase Steel housing Built-in overload adjustable control from 43-65 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-50-3S</p> 	<p>Rating: 5hp, 208-230volt, three phase Steel housing Built-in overload adjustable control from 12-18 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-75-3S</p> 	<p>Rating: 7.5hp, 208-230volt, three phase Steel housing Built-in overload adjustable control from 17-24 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-100-3S</p> 	<p>Rating: 10hp, 208-230volt, three phase Steel housing Built-in overload adjustable control from 28-38 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>
<p>● MS-150-3S</p> 	<p>Rating: 15hp, 208-230volt, three phase Steel housing Built-in overload adjustable control from 43-65 amps, Manual reset button that can be switched to auto reset UL, CSA, CE certified</p>

Hand Carry Tank / Air Keg	
<p>● AST-05A</p> 	<p>ALUMINUM HAND CARRY TANK Max. Working pressure: 125 PSI The unit is shipped with: 1pc 0-160 psi pressure gauge 1pc Brass manifold with shutoff and safety valves 1pc Drain Valve Weight:13 Lbs</p>
<p>● AST-08U</p> 	<p>ASME STEEL AIR KEG Max. Working pressure: 175 PSI The unit is shipped with : 4pcs 1/4" female quick couplers with 3/8" NPT 1pc ASME safety valve 1pc 0-200 psi pressure gauge 1pc Automatic shut-off inlet valve w/1/4" male quick coupler 1pc Drain valve 1pc Plug (located on expansion port) Weight: 30 Lbs</p>

<p>● 2416101</p> 	<p>CARRY TANK MANIFOLD Size: 1/2" Relief Pressure: 150 PSI</p>
<p>● 2416104</p> 	<p>CARRY TANK MANIFOLD Size: 1/2" Relief Pressure: 125 PSI *Work along with AST-05A 5 Gal Aluminum tank</p>
<p>● 2414048</p> 	<p>AUTOMATIC SHUT-OFF INLET VALVE 90 ° ELBOW 3/8" NPT Male / Male Thread</p>

Flow Chart

Flow Conversion Chart

LPM l/min	CMH m ³ /hr	CFM ft ³ /min	GPM(U.K.) Gal/min	GPM(U.S.A.) Gal/min
1	0.06	0.03532	0.220	0.2642
16.667	1	0.5887	3.667	4.404
28.3153	1.699	1	6.229	7.481
4.5455	0.2727	0.1605	1	1.2011
3.785	0.2271	0.1337	0.8325	1

Conversion Factors

1. TORQUE	1 ft-lb = 1.356 nm = 0.138 kg-m 1 nm = 0.738ft-lb = 0.102 kg-m
2. LENGTH	1 m = 39.371 in = 3.281 ft 1 ft = 12 in = 0.305 m 1 in = 25.4mm
3. WEIGHT	1 lb = 0.454 kg = 16 oz 1 kg = 2.205 lb = 35.274 oz 1 oz = 28.35 g = 0.063 lb
4. POWER	1 kw = 1.341 hp 1 hp = 0.746 kw 1 CV = 1 PS = 0.735 kw
5. CONCENTRATION	1 mg/m ³ = 0.001 mg/L = 0.001 ppm 1 ppm = 1000 mg/m ³ = 1 mg/L

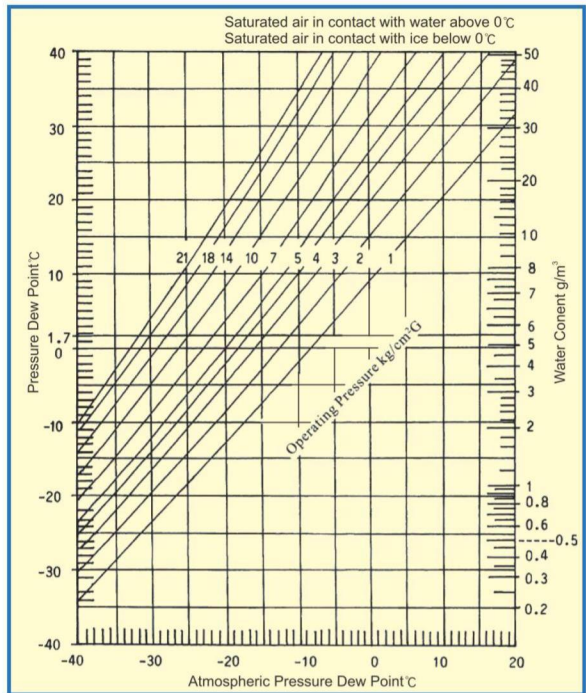
Vacuum Conversion Chart

mbar	Pa (N/m ²)	Torr (mmHg)	mmAq (H ₂ O)	atm
1	100	0.75	10.2	9.87x10 ⁻⁴
0.01	1	7.5x10 ⁻³	0.102	9.87x10 ⁻⁶
1.33	133	1	13.6	1.32x10 ⁻³
9.81x10 ⁻²	9.81	7.36x10 ⁻²	1	9.68x10 ⁻⁵
1013	101325	760	10332	1

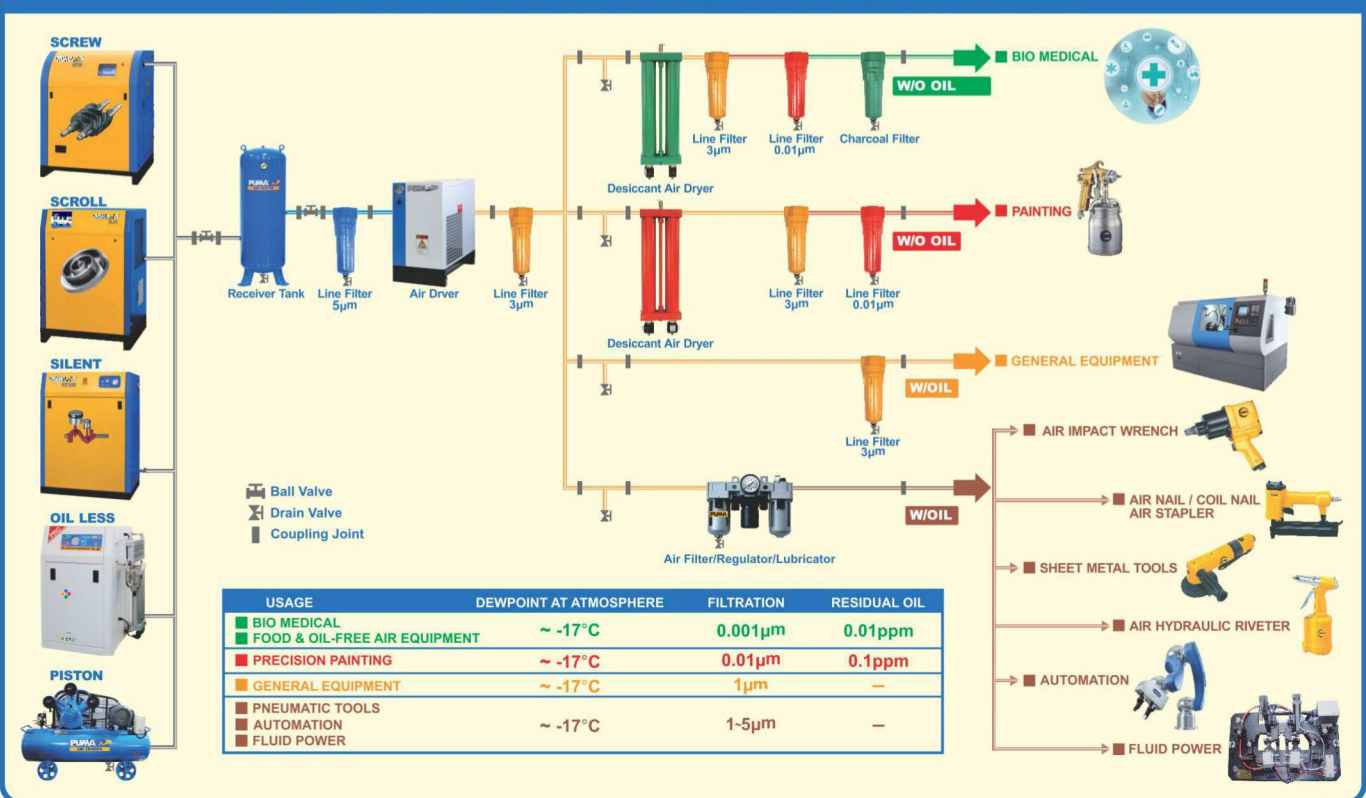
Pressure Conversion Chart

Bar	kPa	kg/cm ²	MPa	Psi
1	100	1.02	0.1	14.5
0.981	98.1	1	0.098	14.22
10	1000	10.197	1	145.036

Pressure-dew Point Conversion Table



PUMA PRODUCTS UTILITY & FLOW CHART





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