

*Stationary Compressors*

**Rel-Air**  
SYSTEMS



*Celebrating Over 45 years of Excellence!*

# Rol-Air

## STATIONARY AIR COMPRESSORS

### - STANDARD FEATURES -

- ★ Totally Enclosed Belt Guard
- ★ Loadless Starting System
- ★ Electric Motors – Nationally Known Brands, Open  
Drip-Proof with Multiple V-Belt Drives
- ★ ASME Air Receivers – National Board Certified
- ★ Maximum Working Pressure – 200 PSI – II Stage  
150 PSI – I Stage
- ★ Pressure Gauge in 5 lb. Increments
- ★ Start/Stop Controls
- ★ Intake Filter Silencers with Replaceable Elements
- ★ Pressure Switch – Set at 145/175 – II Stage  
110/135 – I Stage
- ★ Safety Relief Valve – ASME Approved

## K SERIES – SPLASH LUBRICATED PUMPS

- ★ Cast-Iron Cylinders
- ★ Reed Valves
- ★ Aluminum Heads & Crankcase for Faster Heat Dissipation
- ★ Bronze Connecting Rod Bushings
- ★ Machine Balanced Flywheel
- ★ Deep-Finned Extended Intercoolers - Two Stage Models
- ★ Oil Sight Gauge
- ★ Ball Main Bearings
- ★ Finned Aftercooler Standard Equipment  
on 7 1/2 HP Through 20 HP Electric Models

### OPTIONS & ACCESSORIES

- |                           |                                     |
|---------------------------|-------------------------------------|
| ★ Magnetic Starter        | ★ Vibration Pads                    |
| ★ Automatic Tank Drain    | ★ Filter Regulator &<br>Lubricators |
| ★ Dual Control            | ★ Low Oil Shutdown                  |
| ★ 208 Volt Motors         | ★ Refrigerant Air Dryers            |
| ★ Air-Cooled Aftercoolers |                                     |



**Associate Engineering Corporation**

## 3 HP SINGLE STAGE MODELS



**MODEL  
V3160K18**

MODEL		MOTOR			DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping Weight
HORIZONTAL	VERTICAL	HP	PHASE	RPM	CFM@ 100 PSI	CFM@ 100 PSI					
	H3360K18	3	3	1725	13.4	11.9	60	52	20	42	290
	V3360K18	3	3	1725	13.4	11.9	60	24	20	70	290
	H3160K18	3	1	3450	13.4	11.9	60	52	20	42	285
	V3160K18	3	1	3450	13.4	11.9	60	24	20	70	265

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	1100	2.75	1.97	34 oz.	150 PSI	11"	42 lbs.

## 3 HP TWO STAGE MODELS



**MODEL  
V3160K24**

MODEL		MOTOR			DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping Weight
HORIZONTAL	VERTICAL	HP	PHASE	RPM	CFM@ 175 PSI	CFM@ 175 PSI					
	H3360K24	3	3	1725	14.6	10.5	60	52	20	43	400
	V3360K24	3	3	1725	14.6	10.5	60	30	20	71	390
	H3380K24	3	3	1725	14.6	10.5	80	67	20	43	450
	V3380K24	3	3	1725	14.6	10.5	80	30	24	71	440
	H3160K24	3	1	3450	14.6	10.5	60	52	20	43	390
	V3160K24	3	1	3450	14.6	10.5	60	30	20	71	380
	H3180K24	3	1	3450	14.6	10.5	80	67	20	43	450
	V3180K24	3	1	3450	14.6	10.5	80	30	24	71	440

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	850	3.54 & 1.97	2.56	61 oz.	200 PSI	15.16"	58 lbs.

## 5 HP TWO STAGE – LIGHT DUTY



**MODEL  
V5160K25X**

MODEL		HP	PHASE	MOTOR RPM	DISPL. CFM@ 175 PSI	DEL'D CFM@ 175 PSI	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping WEIGHT
HORIZONTAL	VERTICAL										
H5160K25X		5	1	3450	14.58	10.64	60	52	20	45	385
	V5160K25X	5	1	3450	14.58	10.64	60	30	20	73	375
H5180K25X		5	1	3450	14.58	10.64	80	67	24	45	445
	V5180K25X	5	1	3450	14.58	10.64	80	30	24	73	440

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	1000	3.54 & 1.97	2.56	61 oz.	200 PSI	15.16"	61 lbs.

## 5 HP TWO STAGE – INDUSTRIAL



**MODEL  
V5180K29V**

MODEL		HP	PHASE	MOTOR RPM	DISPL. CFM@ 175 PSI	DEL'D CFM@ 175 PSI	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping WEIGHT
HORIZONTAL	VERTICAL										
H5360K29		5	3	1800	21.4	17.5	60	52	20	44	410
	V5360K29	5	3	1800	21.4	17.5	60	30	20	72	405
H5380K29		5	3	1800	21.4	17.5	80	67	20	44	475
	V5380K29	5	3	1800	21.4	17.5	80	30	24	72	470
H5312K29		5	3	1800	21.4	17.5	120	72	24	48	580
	V5312K29	5	3	1800	21.4	17.5	120	40	30	69	580
H5160K29		5	1	1800	21.4	17.5	60	52	20	44	420
	V5160K29	5	1	1800	21.4	17.5	60	30	20	72	415
H5180K29		5	1	1800	21.4	17.5	80	67	20	44	480
	V5180K29	5	1	1800	21.4	17.5	80	30	24	72	475
H5112K29		5	1	1800	21.4	17.5	120	72	24	48	595
	V5112K29	5	1	1800	21.4	17.5	120	40	30	69	585

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	1000	4.13 & 2.05	2.75	47 oz.	200 PSI	15.16"	99 lbs.



**MODEL  
V5180K30**

MODEL		HP	PHASE	MOTOR RPM	DISPL. CFM@ 175 PSI	DEL'D CFM@ 175 PSI	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping WEIGHT
HORIZONTAL	VERTICAL										
H5360K30		5	3	1800	23.1	16.0	60	52	20	49	425
	V5360K30	5	3	1800	23.1	16.0	60	30	20	77	420
H5380K30		5	3	1800	23.1	16.0	80	67	20	49	520
	V5380K30	5	3	1800	23.1	16.0	80	30	24	77	490
H5312K30		5	3	1800	23.1	16.0	120	72	24	53	665
	V5312K30	5	3	1800	23.1	16.0	120	40	30	74	660
H5160K30		5	1	1800	23.1	16.0	60	52	20	49	435
	V5160K30	5	1	1800	23.1	16.0	60	30	20	77	430
H5180K30		5	1	1800	23.1	16.0	80	67	20	49	505
	V5180K30	5	1	1800	23.1	16.0	80	30	24	77	495
H5112K30		5	1	1800	23.1	16.0	120	72	24	53	675
	V5112K30	5	1	1800	23.1	16.0	120	40	30	74	665

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	900	4.13 & 2.05	3.31	47 oz.	200 PSI	15.16"	90 lbs.

## GAS - SINGLE AND TWO STAGE MODELS



**MODEL  
11GR30HK30**

MODEL	HP	ENGINE	DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping WEIGHT
			CFM@ 175 PSI	CFM@ 175 PSI					
5GR30HK17	5.5	HONDA	13.1*	8.7*	30	42	22	39	225
11GR30HK30	11	HONDA	20.5	16.0	30	42	22	45	365
11GR60HK30	11	HONDA	20.5	16.0	60	52	26	49	465
11GRBMHK30	11	HONDA	20.5	16.0	BM**	38	20	29	285
13GR30HK30	13	HONDA	24.4	19.2	30	42	22	48	367
13GR60HK30	13	HONDA	24.4	19.2	60	52	26	52	495
13GRBMHK30	13	HONDA	24.4	19.2	BM**	38	20	32	295
18GRBMKK60	18	KOHLER	41.0	33.7	BM**	53	29	32	435
18GR60KK60	18	KOHLER	41.0	33.7	60	64	30	50	585

\* The pump used on this model is a Single Stage Pump. The CFM is rated @ 100 PSI.

\* Other engines available — consult factory.

\*\* BM=Base Mount

\*\* 4.5 gallon surge tanks for Base Mount units optional.

\*\* Battery tray optional on all gas models (electric start cables are not included.)

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
(2) K17	1100	2.61	1.97	34 oz.	150 PSI	11"	38 lbs.
(2) K30	800 (11HP)	4.13 & 2.05	3.31	47 oz.	200 PSI	15.16"	90 lbs.
(2) K30	930 (13 HP)	4.13 & 2.05	3.31	47 oz.	200 PSI	15.16"	90 lbs.
(4) K60	800	4.13(2) & 2.05(2)	3.31	98 oz.	200 PSI	21.65"	232 lbs.

## 7.5 HP TWO STAGE MODELS



**MODEL  
V75380K50**

MODEL		HP	PHASE	DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping WEIGHT
HORIZONTAL	VERTICAL			CFM@ 175 PSI	CFM@ 175 PSI					
		7 1/2	3	30.4	23.7	60	52	26	52	575
		7 1/2	3	30.4	23.7	80	67	26	52	665
	V75380K50	7 1/2	3	30.4	23.7	80	30	26	80	625
		7 1/2	3	30.4	23.7	120	72	30	56	750
	V75312K50	7 1/2	3	30.4	23.7	120	40	32	77	760
		7 1/2	1	30.4	23.7	60	52	26	52	580
		7 1/2	1	30.4	23.7	80	67	26	52	640
	V75180K50	7 1/2	1	30.4	23.7	80	30	26	80	630
		7 1/2	1	30.4	23.7	120	72	30	56	750
	V75112K50	7 1/2	1	30.4	23.7	120	40	32	77	765

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
2	800	4.72 & 2.36	3.74	59 oz.	200 PSI	17.72"	186 lbs.

## 10 HP TWO STAGE MODELS



**MODEL  
H10312K60**

MODEL		HP	PHASE	DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping Weight
HORIZONTAL	VERTICAL			CFM@ 175 PSI	CFM@ 175 PSI					
H10360K60		10	3	41.1	33.7	60	52	25	50	665
H10380K60		10	3	41.1	33.7	80	67	25	50	725
H10312K60		10	3	41.1	33.7	120	72	29	54	895
	V10312K60	10	3	41.1	33.7	120	40	30	75	830
H10160K60		10	1	41.1	33.7	60	52	25	50	680
H10180K60		10	1	41.1	33.7	80	67	25	50	740
H10112K60		10	1	41.1	33.7	120	72	29	54	860
	V10112K60	10	1	41.1	33.7	120	40	30	75	850

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
4	800	4.13 (2) & 2.05 (2)	3.31	98 oz.	200 PSI	H-21.65" V-17.72"	232 lbs.

## 15 & 20 HP TWO STAGE MODELS



**MODEL  
H15312K100**

MODEL		HP	PHASE	DISPL.	DEL'D	TANK	LENGTH	WIDTH	HEIGHT	Approx. Shipping Weight
HORIZONTAL	VERTICAL			CFM@ 175 PSI	CFM@ 175 PSI					
H15312K100		15	3	60.7	47.3	120	72	30	58	1095
H15320K100		15	3	60.7	47.3	200	76	36	64	1395
H20312K100		20	3	75.8	58.4	120	72	23	58	1150
H20320K100		20	3	75.8	58.4	200	76	36	64	1450

### PUMP SPECIFICATIONS:

Cylinders	Pump RPM	Bore	Stroke	Oil Capacity	Maximum Pressure	Flywheel Diameter	Approx. Shipping Weight
4	15 HP - 800 20 HP - 1000	4.72(2) & 2.36 (2)	3.74	127 oz.	200 PSI	21.65"	343 lbs.

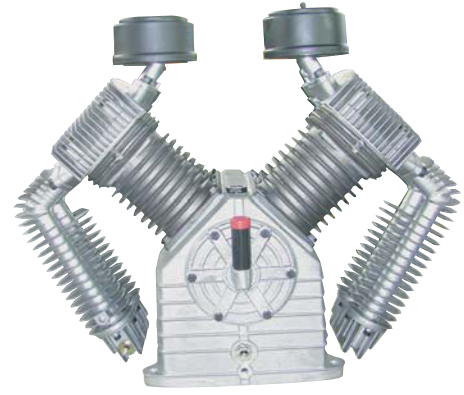
# BARE PUMPS



**K17**

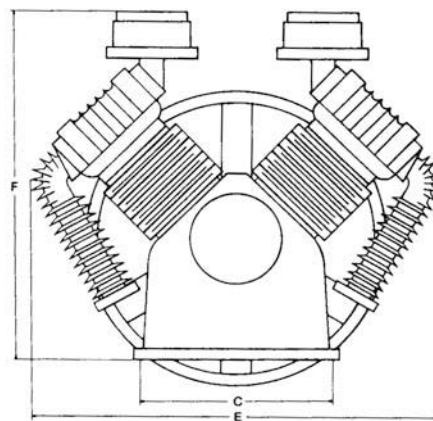
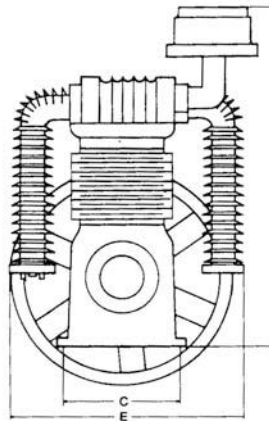
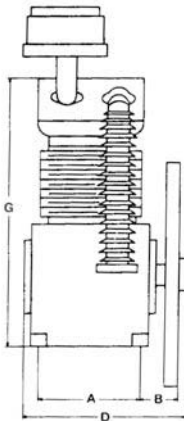


**K30**



**K60**

	K17	K18	K24	K25	K29	K30	K50	K60	K100
<b>Horsepower - Electric</b>	3 - 5	3 - 5	3	5	5	5	7.5	10	15 - 20
<b>Horsepower - Gas</b>	5.5	-	8	-	-	11-13	-	18	-
<b>Cylinders</b>	2	2	2	2	2	2	2	4	4
<b>Bore L.P.</b>	2.61	2.75	3.54	3.54	4.13	4.13	4.72	4.13 x 2	4.72 x 2
<b>Bore H.P.</b>	N/A	N/A	1.97	1.97	2.05	2.05	2.36	2.05 x 2	2.36 x 2
<b>Stroke</b>	1.97	1.97	2.56	2.56	2.75	3.31	3.74	3.31	3.74
<b>Flywheel Dia. *(in.)</b>	11	11	15.16	15.16	15.16	15.16	17.72	21.65	21.65
<b>V-Belts</b>	1-A	1-A	2-A	2-A	2-A	2-A	2-B	2-B	2-B
<b>Dry Wgt. (lbs.)</b>	33.1	37.5	49.6	51.8	88	83.8	152.1	181.9	293.2
<b>Intake (in.)</b>	0.50	0.50	0.50	0.50	0.75	0.75	1	1 x 2	1 x 2
<b>Discharge (in.)</b>	0.50	0.50	0.50	0.50	0.75	0.75	1.25	1	1.25
<b>Oil Capacity (oz.)</b>	34	34	61	61	47	47	59	98	127



Model	A	B	C	D	E	F	G
<b>K17</b>	5.19	3.94	7.08	10.24	11.50	14.17	13.77
<b>K18</b>	5.19	3.94	7.08	10.43	12.60	14.76	14.56
<b>K24</b>	6.41	3.94	8.09	12.20	15.16	16.33	16.33
<b>K25</b>	6.41	3.94	8.09	12.20	15.16	20.47	16.33
<b>K29</b>	5.12	7.09	10.23	13.78	13.78	16.14	16.14
<b>K30</b>	7.48	5.31	8.97	14.17	16.33	22.24	18.70
<b>K50</b>	8.26	6.30	11.41	16.53	18.11	25.98	22.04
<b>K60</b>	9.60	6.30	11.73	17.52	28.93	23.62	19.29
<b>K100</b>	11.14	7.48	15.27	20.47	35.03	27.55	22.83

\* Many other pumps available, consult factory for information.



# WHY BUY ROL-AIR?

**TRADITION OF EXCELLENCE:** With over 45 years experience building "Rol-Air" air compressors specifically designed for industrial applications as well as for the professional contractor, Associate Engineering Corporation has earned a reputation for providing a product unsurpassed in quality and reliability. We are committed to continuing this tradition by analyzing and adapting to the changing needs and rigorous demands of the industry.

**QUALITY AND RELIABILITY:** Every component selected to be part of a "Rol-Air" compressor is subjected to a stringent series of tests, both in the factory, and the field. All engines, pumps, motors, pressure switches, throttle controls, check valves and gauges used on "Rol-Air" compressors must meet or exceed the demanding standards required by the industry. Every "Rol-Air" compressor is factory tested, prior to shipping, for amp draw, voltage, compression, working pressure levels, RPM's (gas models) and air leaks. You can depend on "Rol-Air" because they are built to last.

**SPECIAL FEATURES:** ASME NB (National Board) Air Receivers, nationally known open drip-proof electric motors, heavy-duty belt guards and saddles, splash lubricated pumps with cast-iron cylinders, aluminum head and crankcase for faster heat dissipation, and oil sight gauges. These are only a few features that make us stand out above the rest.

**SELECTION:** "Rol-Air" Stationary Compressors are available from 3 – 20 HP, electric or gas, single or two stage, 30 – 200 gallon tanks, and base mount is available as well. Count on "Rol-Air" to fit your need.

**WARRANTY:** All "Rol-Air" Compressors will be free of defects in material and workmanship for a period of twelve months from the date of initial retail purchase, or eighteen months from the date of manufacture, whichever occurs first.

*"Associate Engineering Corporation is extremely proud of the reputation the Rol-Air name has earned. We welcome comparisons. Try a Rol-Air and experience for yourself why it is the best compressor value available today."*

Tim Kelley  
President



## Associate Engineering Corporation

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