

## 5 HP, 7½ HP and 10 HP Duplex Two-Stage 175 PSI Industrial Compressors



SA451201

### **Duplex design provides high CFM with single phase power ( up to 7½ HP)**

- Dual pump configuration for more efficient cooling and longer compressor life
- Heavy duty inlet filter silencer provides lower sound levels
- Finned intercooler cools air delivery into second stage providing greater compression and efficiency
- Centrifugal unloader - increases motor life by allowing the compressor to start unloaded every time
- Finned after-cooler provides lower exhaust temperatures for maximum check valve life
- Heavy duty cast iron pumps. Low RPM reduces valve cycles, ring and bearing wear to prolong life of unit
- Reliable splash lubrication
- Single and three phase energy efficient EISA compliant Baldor industrial electric motor
- Enclosed industrial belt guard (steel) for safe operation.
- Easy to read tank gauge
- ASME certified tank
- Manual drain valve standard, automatic drain available
- Easy to read oil sight glass
- Factory installed magnetic starter provides thermal overload protection to the motor
- Duplexing controller manages air demand by alternating equally between both pumps and motors.
- Factory preset pressure switch on 145 PSI, off at 175 PSI
- Duplexing controller manages air demand by alternating equally between both sets of pumps and motors.

**Duplex Two Stage Compressors**



**SA4751201**

**Specifications**

Model #	Motor						Pump				Tank		Dimensions	
	HP	Voltage	Phase	FLA	Breaker Size	Wire Size*	Cyl.	RPM	Disp. CFM	SCFM @175psi	Gal.	Config.	L x W x H (inches)	Ship Wt. (lbs)
SA451201208	(2) 5.0	208	1	24	60	8	2	800	43.6	32.2	120	H	79 x 27 x 54	1051
SA451201	(2) 5.0	230	1	23	60	8	2	800	43.6	32.2	120	H	79 x 27 x 54	1051
SA451203	(2) 5.0	208/230	3	14	30	10	2	800	43.6	32.2	120	H	79 x 27 x 54	1051
SA451203460	(2) 5.0	460	3	7	15	14	2	800	43.6	32.2	120	H	79 x 27 x 54	1061
SA4751201208	(2) 7.5	208	1	36	80	6	4	600	65.3	48	120	H	81 x 27 x 52	1388
SA4751201	(2) 7.5	208/230	1	31	80	6	4	600	65.3	48	120	H	81 x 27 x 52	1388
SA4751203	(2) 7.5	208/230	3	20	45	10	4	600	65.3	48	120	H	81 x 27 x 52	1341
SA4751203460	(2) 7.5	460	3	10	20	14	4	600	65.3	48	120	H	81 x 27 x 52	1388
SA4101203	(2) 10	208/230	3	27	60	8	4	800	87.1	64	120	H	81 x 27 x 52	1395
SA4101203460	(2) 10	460	3	13	25	14	4	800	87.1	64	120	H	81 x 27 x 52	1395
SA4102003	(2) 10	208/230	3	27	60	8	4	800	87.1	64	200	H	81 x 27 x 52	1535
SA4102003460	(2) 10	460	3	13	25	14	4	800	87.1	64	200	H	81 x 27 x 52	1535

\*Minimum gauge when motor is within 50' of power source breaker box.  
At installation, unit requires a dedicated power line and breaker for each motor

**Recommended Accessories**

Model #	Auto Tank Drain	Install Kit	Vibration Pads Only	Drive Belt (uses 2)	Maintenance Kit	Pressure Switch	Pressure Gauge	Refrigerated Air Dryer 140°	Refrigerated Air Dryer 250°
5 HP	907001	824678	824679	82890	826040 (2)	82779	82516	SRD0040	SRD0240
7.5 HP	907001	824678	824679	82890	826041 (2)	82779	82516	SRD0150	SRD0250
10 HP	907001	824678	824679	82826	826041 (2)	82779	82516	SRD0175	SRD0275