

# SAYLOR-BEALL

## INDUSTRIAL PRESSURE LUBRICATED PL707 SERIES AIR COMPRESSORS



**Saylor-Beall Manufacturing Company**

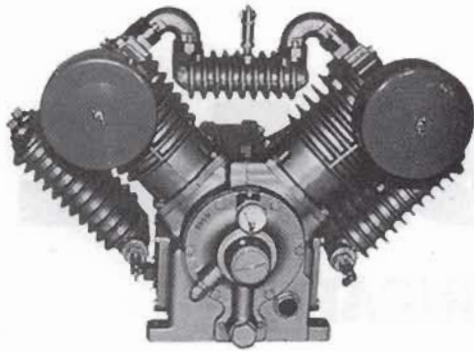
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*Manufacturers of Air Compressors since 1915*

# PRESSURE LUBRICATED

## FEATURES



American Made  
Cast Iron Compressors

- **NEW DESIGN OIL PUMP**  
Provides ample supply of oil to all wearing parts.
- **OIL SUMP FILTER**  
Screen type filter easily removed for cleaning. Filters out dirt.
- **CRANKSHAFT**  
Cast ductile iron with integral counterweights. Rifle drilled oil passages for oil distribution to wrist pins and bearing journals.
- **CONNECTING RODS**  
Precision type automotive bearing inserts. Rifle drilled passages for oil distribution to wrist pins.  
Needle Bearings — wrist pin end.
- **OIL PRESSURE**  
Easily read dial type for monitoring oil pressure.

### SPECIFICATIONS — PL707 BASIC AIR COMPRESSOR — TWO STAGE — 4 CYLINDER

Bore-L.P. ....	4 <sup>1</sup> / <sub>8</sub> " (2)	Flywheel O.D. ....	16 <sup>3</sup> / <sub>4</sub> "
H.P. ....	2 <sup>1</sup> / <sub>8</sub> " (2)	V-Belts-No. and Section.....	2-B
Stroke ....	3 <sup>1</sup> / <sub>2</sub> "	Basic Compressor	
CFM/Rev.....	.054	Weight-Dry, Lbs. ....	301
Oil Capacity-Qt. ....	3 <sup>1</sup> / <sub>2</sub> "	Width .....	27"
Air Filter —.....	2	Length .....	21"
Type .....	Dry	Height .....	18"
Openings-N.P.T.		Max. Press. (P.S.I.).....	200
Suction .....	1" (2)	<small>(250 P.S.I. acceptable for intermittent duty)</small>	
Discharge.....	3/4"	Optional Equipment	
		Oil Bath Air Cleaners	
		Constant Speed-Discharge Unloader	

### START — STOP OPERATION

Model No.	Motor H.P.	Tank Cap. (Gals.)	175 P.S.I. SPECIFICATIONS			Overall Dimensions L x W x H	Bolt Down L x W	Net Wt. Lb. (Approx.)
			Pump R.P.M.	C.F.M. Displ.	C.F.M. Del'y.			

### BASE MOUNTED UNITS

BPL707-7	7½	—	650	35.0	26.2	43 x 23 x 24	28 x 16½	519
BPL707-10	10	—	845	46.0	34.4	43 x 23 x 24	28 x 16½	533

### HORIZONTAL TANK MOUNTED UNITS

PL-737-80	5	80	455	24.7	18.5	63 x 23 x 44	40 x 19	707
PL-737-120	5	120	455	24.7	18.5	69 x 25 x 48	40 x 19	838
PL-745-80	7½	80	650	35.0	26.2	63 x 23 x 44	40 x 19	713
PL-745-120	7½	120	650	35.0	26.2	69 x 25 x 48	40 x 19	840
PL-755-80	10	80	845	46.0	34.4	63 x 23 x 44	40 x 19	733
PL-755-120	10	120	845	46.0	34.4	69 x 25 x 48	40 x 19	854

### VERTICAL TANK MOUNTED UNITS

VT-PL-737-120	5	120	455	24.7	18.5	44 x 30 x 75	27 x 27	893
VT-PL-745-120	7½	120	650	35.0	26.2	44 x 30 x 75	27 x 27	899
VT-PL-755-120	10	120	845	46.0	34.4	44 x 30 x 75	27 x 27	916

### WARRANTY

SAYLOR-BEALL Manufacturing Company warrants its compressors and parts when properly installed, lubricated and maintained as recommended and in accordance with good industry practice to be free from defects in material and workmanship under normal use and service. The responsibility of the Company under this warranty is limited to repair or replacement, at the Company's factory, any compressor or part thereof, which shall, within one year after date of shipment to the original purchaser, be returned to the company and which, upon examination, shall be found to be defective to the satisfaction of the Company. This warranty shall not apply to compressors or parts which have been subjected to misapplication, misuse, negligence or accident, to compressors or parts which have been repaired or tampered with outside the Company's factory when in the judgment of the Company, it appears that the reliability or stability of the compressor or part has been effected. Ordinary maintenance, such as adjustment and cleaning of equipment or components is the responsibility of the owner. All transportation and shipping charges shall be paid by purchaser. This warranty does not apply to electric motors or gasoline engines. These are covered by the Original Manufacturer's Warranty and should be returned by the purchaser to their authorized station for service. This warranty is expressly in lieu of all other warranties (except of title) expressed or implied and of any other obligations or liability on the part of the Company. There are no warranties of merchantability or of fitness for a particular purpose.

SAYLOR-BEALL MANUFACTURING COMPANY