

3 Pul
4 Col.

SAYLOR-BEALL

705 SERIES AIR COMPRESSORS



Saylor-Beall Manufacturing Company

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Manufacturers of Air Compressors since 1915



FEATURES

- CYLINDER HEAD** — Finned Cast Iron — Valves Serviceable from Top
- CYLINDERS** — Finned Cast Iron — Precision Honed
- INTERCOOLERS** — Sturdy Finned Cast Iron
- CRANKSHAFT** — Cast Meehanite — Ground; Polished Journals
- CONNECTING RODS** — With Replaceable Precision Type Automotive Inserts
— Replaceable Needle Bearings (Wrist Pin)
- PISTONS** — L.P. Aluminum — H.P. Cast Iron
- PISTON RINGS** — Three Compression — One Oil
- CENTRIFUGAL UNLOADER** — No Load Start

SPECIFICATIONS — 705 BASIC AIR COMPRESSOR — TWO STAGE — 2 CYLINDER

Bore-L.P.	4 ¹ / ₈ "	Flywheel O.D.	16 ³ / ₄ "
H.P.	2 ¹ / ₈ "	V-Belts-No. and Section	2-B
Stroke	3 ¹ / ₂ "	Basic Compressor	
CFM/Rev.027	Weight-Dry, Lbs.	197
Oil Capacity-Qt. (Approx.)	2	Width	12"
Air Filter-No.	1	Length	21"
Type	Dry	Height	19"
Openings-N.P.T.		Max. Press (P.S.I.)	200
Suction	1"	Optional Equipment	
Discharge	3/4"	Oil Bath Air Cleaners	
		Constant Speed-Discharge Unloader — Suction 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

B705-3	3	—	540	14.8	11.1	33 x 22 x 30	24 ¹ / ₂ x 16 ¹ / ₂	393
B705-5	5	—	845	23.0	17.3	33 x 22 x 30	24 ¹ / ₂ x 16 ¹ / ₂	409

HORIZONTAL TANK MOUNTED UNITS

730-60	3	60	540	14.8	11.1	48 x 21 x 47	28 x 19	551
730-80	3	80	540	14.8	11.1	63 x 21 x 47	40 x 19	596
730-120	3	120	540	14.8	11.1	69 x 24 x 51	40 x 19	722
735-60	5	60	845	23.0	17.3	48 x 21 x 47	28 x 19	567
735-80	5	80	845	23.0	17.3	63 x 21 x 47	40 x 19	612
735-120	5	120	845	23.0	17.3	69 x 24 x 51	40 x 19	738

VERTICAL TANK MOUNTED UNITS

VT-730-60	3	60	540	14.8	11.1	34 x 26 x 74	23 x 23	551
VT-730-80	3	80	540	14.8	11.1	34 x 29 x 74	26 x 26	596
VT-730-120	3	120	540	14.8	11.1	34 x 30 x 77	27 x 27	722
VT-735-60	5	60	845	23.0	17.3	34 x 26 x 74	23 x 23	567
VT-735-80	5	80	845	23.0	17.3	34 x 29 x 74	26 x 26	612
VT-735-120	5	120	845	23.0	17.3	34 x 30 x 77	27 x 27	738

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