





**B-212**

## FEATURES

- CYLINDER HEAD** – Cast Iron – Valves Serviceable from Top
- CYLINDER/CRANKCASE** – Sturdy Finned Cast Iron
- CRANKSHAFT** – Cast ductile iron with integral counterweights
- CONNECTING ROD** – Aluminum Alloy
- MAIN BEARINGS** – Roller Bearings
- PISTON RINGS** – Two Compression – One Oil



**D-412**

### SPECIFICATIONS – SINGLE STAGE

PUMP MODEL	B-212	D-412	PUMP MODEL	B-212	D-412
No. of Pistons .....	1 .....	2	Weight .....	30 .....	45
Bore .....	2-1/2 .....	2-1/2	Width .....	5-1/2 .....	5-1/2
Stroke .....	2 .....	2	Length .....	7-1/2 .....	10-1/2
Openings - N.P.T.			Height .....	11 .....	11
Suction .....	– Head Cavity –		Max. Press. - P.S.I. ....	150 .....	150
Discharge .....	3/8 .....	3/8	Oil Capacity - Pt. ....	1/2 .....	1
Flywheel - O.D. ....	12 .....	12	Air Filter - Dry Type (No.) .....	1 .....	1
V-Belts - No. and Section .....	A .....	B	Max Pump R.P.M. ....	900 .....	900

### START – STOP OPERATION

Model No.	Pump Model	Motor H.P.	ASME Tank (Gals.)	100 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 – ELECTRIC MOTOR UNITS

BB120	B-212	1/2	--	470	2.7	1.7	25 x 13 x 15	18 x 9-3/4	60
BB340	B-212	3/4	--	700	4.0	2.6	25 x 13 x 15	18 x 9-3/4	70
BD100	D-412	1	--	540	6.1	3.9	25 x 13 x 15	18 x 9-3/4	115
BD150	D-412	1-1/2	--	810	9.2	5.9	25 x 13 x 15	18 x 9-3/4	130

### HORIZONTAL TANK MOUNTED – ELECTRIC MOTOR UNITS

BMT-109	B-212	1/2	10	470	2.7	1.7	26 x 11 x 26	13-1/2 x 10-1/2	110
BMT-115	B-212	1/2	20	470	2.7	1.7	33 x 14 x 29	19-7/8 x 13-5/8	140
BMT-103	B-212	1/2	30	470	2.7	1.7	38 x 16 x 32	21-7/8 x 13-5/8	195
BMT-306	B-212	3/4	30	700	4.0	2.6	38 x 16 x 32	21-7/8 x 13-5/8	200
DMT-405	D-412	1	30	540	6.1	3.9	38 x 16 x 32	21-7/8 x 13-5/8	220
DMT-403	D-412	1	60	540	6.1	3.9	48 x 20 x 38	28 x 19	324
DMT-404	D-412	1-1/2	30	810	9.2	5.9	38 x 16 x 32	21-7/8 x 13-5/8	225
DMT-406	D-412	1-1/2	60	810	9.2	5.9	48 x 20 x 38	28 x 19	324

### VERTICAL TANK MOUNTED – ELECTRIC MOTOR UNITS

VT-BMT-109	B-112	1/2	10	470	2.7	1.7	18 x 13 x 40	13-5/8 x 13-5/8	110
VT-BMT-103	B-112	1/2	30	470	2.7	1.7	18 x 21 x 53	20-3/4 x 20-3/4	195
VT-BMT-306	B-212	3/4	30	700	4.0	2.6	18 x 21 x 53	20-3/4 x 20-3/4	200
VT-DMT-405	D-412	1	30	540	6.1	3.9	25 x 21 x 53	20-3/4 x 20-3/4	220
VT-DMT-403	D-412	1	60	540	6.1	3.9	26 x 26 x 63	24 x 24	324
VT-DMT-404	D-412	1-1/2	30	810	9.2	5.9	25 x 21 x 53	20-3/4 x 20-3/4	225
VT-DMT-406	D-412	1-1/2	60	810	9.2	5.9	26 x 26 x 63	24 x 24	324

### CONTINUOUS RUN OPERATION

#### HORIZONTAL TANK MOUNTED GAS ENGINE UNITS

BGT-115	B-212	3G	20	900	5.1	3.2	33 x 14 x 30	19-7/8 x 13-5/8	145
DGT-420	D-412	5G	20	900	10.2	6.3	33 x 14 x 30	19-7/8 x 13-5/8	165
DGT-430	D-412	5G	30	900	10.2	6.3	38 x 16 x 33	21-7/8 x 13-5/8	225

### 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.