

75-11-012	75-11-013
75-11-022	75-11-023
75-11-032	75-11-033
75-11-052	75-11-053
75-11-073	75-11-074
	75-11-104

Simplex “Oil-Less” Claw Vacuum Package 2, 3, 5, 7.5, and 10 HP Horizontal Tank Mount

Vacuum Package

- One oil-less rotary claw type vacuum pump with inlet filter
- ASME coded air receiver with manual drain
- NEMA 12 control panel with starter and overload
- All components completely pre-piped and pre-wired to single point service connections
- Vibration isolation mountings
- All interconnecting piping and wiring is completed and operationally tested prior to shipment

Compressor Motor

- NEMA rated
- C-face
- TEFC
- 208 or 230/460V

Air Receiver

- ASME Code stamped and National Board Certified
- Rated for a minimum 200 PSIG design pressure
- Manual drain
- Vacuum Gauge

Vacuum Pump

- Oil-less rotary claw pump
- Direct-driven through a shaft coupling
- Air-cooled
- End (ultimate) vacuum = 28.4”Hg
- Dry running with two claw-type, non-contacting rotors
- Sealing fluid not required
- Virtually maintenance-free operation
- Oil change required at intervals of approximately 5,000 operating hours (in the gearbox only)
- Built-in anti suck-back valve mounted at the pump inlet
- Inlet filter for removal of particulates

Control System

- Mounted and wired simplex control system
- NEMA 12 and UL 508A labeled
- Full voltage motor starter with overload protection
- Minimum run timer (set to 10 minutes standard)
- Runtime hour meter
- 120V control circuit transformer
- Hand-Off-Auto selector switches

Options

Breaker with external disconnect

- Add suffix: -B
- Circuit breaker with external disconnect installed in panel

Non-corrosive Receiver

- Add suffix: -G
- Receiver with internal coating to prevent corrosion

Temperature Switch

- Add suffix - T
- Temperature switch to monitor oil temperature and shut down system if temperature rises too high

Simplex Vacuum Package Specifications ¹												
Model Number	HP	System Capacity at 19 inHg	Package BTU/HR	Noise Level	System FLA			Dimensions (in)			Receiver (gallons)	Weight (lbs.)
					208V	230V	460V	L	W	H		
75-11-022(A/B/C)	2	16	5,100	70	6.2	5.6	2.8	66	21	47	60	787
75-11-023(A/B/C)								70	24	52	80	922
75-11-032(A/B/C)	3	21	7,650	70	8.6	8.4	4.2	66	21	47	80	796
75-11-033(A/B/C)								70	24	52	120	931
75-11-042(A/B/C)	4	29	10,200	79	11.2	10.0	5.0	66	21	47	80	796
75-11-043(A/B/C)								70	24	52	120	931
75-11-052(A/B/C)	5.4	38	12,720	79	12.6	11.4	5.7	66	21	47	80	796
75-11-053(A/B/C)								70	24	52	120	931
75-11-063(A/B/C)	6.4	52	16,320	79	16.0	15.8	7.9	70	24	64	120	1,093
75-11-064(A/B/C)								75	30	70	200	1,257
75-11-073(A/B/C)	7.5	65	18,870	79	18.4	17.8	8.9	70	24	64	120	1,099
75-11-074(A/B/C)								75	30	70	200	1,292
75-11-083(A/B/C)	8.7	77	22,188	81	23.6	21.2	10.6	70	24	64	120	1,134
75-11-084(A/B/C)								75	30	70	200	1,347
75-11-104(A/B/C)	10	87	25,500	84	26.1	23.6	11.8	75	30	77	200	1,358

Notes:

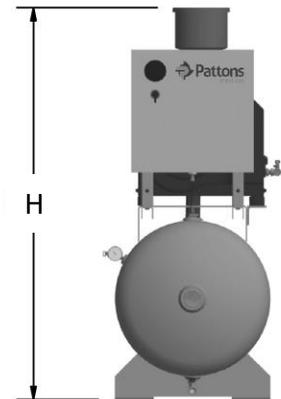
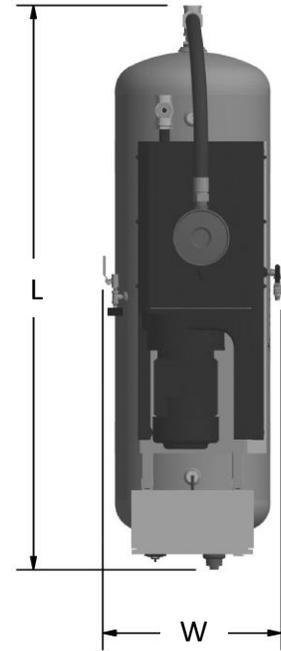
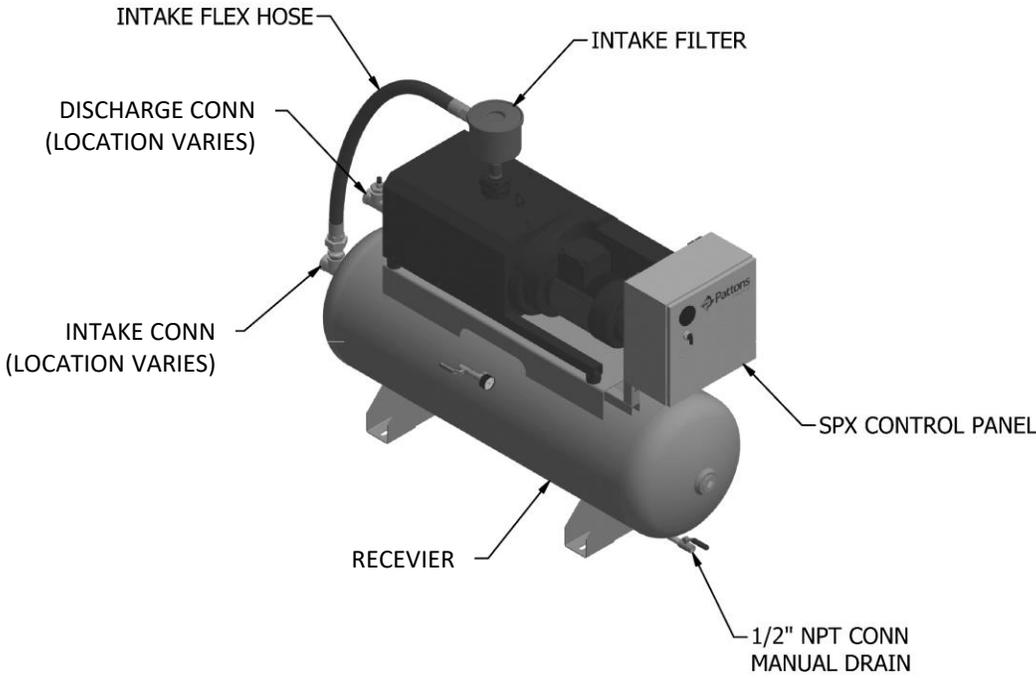
¹ Normal Operating conditions at a maximum ambient of 105° F. Consult factory for higher ambient conditions.

Statement of Warranty

Patton’s Medical warrants all Air packages, to be free of defects in material and workmanship under normal use for a period not to exceed thirty (30) months from date of shipment, or twenty-four (24) months from date of start-up.

SPECIFICATION

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