

### Simplex “Oil-Less” Claw Vacuum Package 2, 3, 5, 7.5, and 10 HP Vertical 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 <sup>1</sup>												
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		
75-12-022(A/B/C)	2	16	5,100	70	6.2	5.6	2.8	50	24	83	80	779
75-12-023(A/B/C)								50	30	89	120	920
75-12-032(A/B/C)	3	21	7,650	70	8.6	8.4	4.2	50	24	83	80	788
75-12-033(A/B/C)								50	30	89	120	929
75-12-042(A/B/C)	4	29	10,200	79	11.2	10.0	5.0	50	24	83	80	788
75-12-043(A/B/C)								50	30	89	120	929
75-12-052(A/B/C)	5.4	38	12,720	79	12.6	11.4	5.7	50	24	83	80	788
75-12-053(A/B/C)								50	30	89	120	929

Notes:

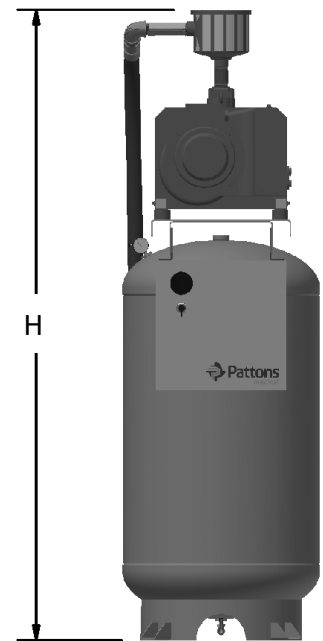
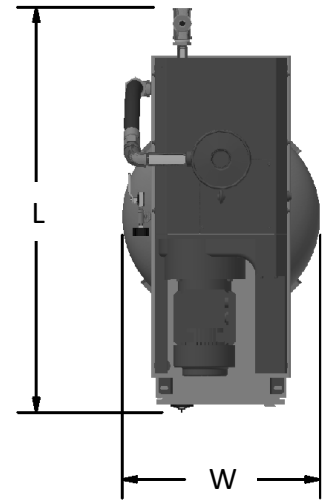
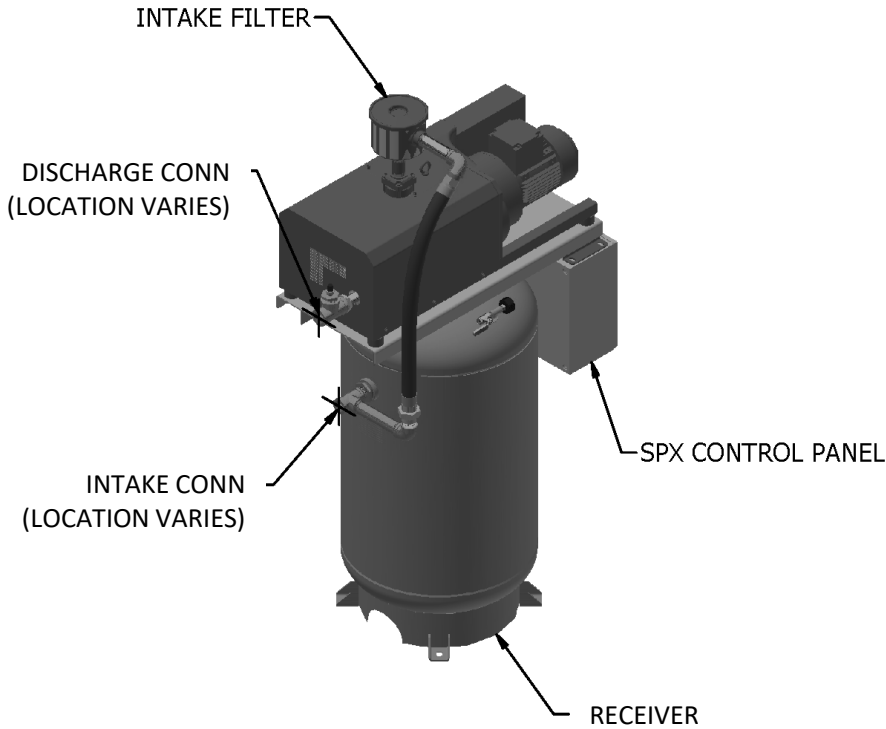
<sup>1</sup> Normal Operating conditions at a maximum ambient of 105° F. Consult factory for higher ambient conditions.

#### 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

75-12-022	75-12-023
75-12-042	75-12-043
75-12-032	75-12-033
75-12-052	75-12-053



Simplex Vacuum Package Specifications <sup>1</sup>												
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		
75-12-022(A/B/C)	2	16	5,100	70	6.2	5.6	2.8	50	24	83	80	779
75-12-023(A/B/C)								50	30	89	120	920
75-12-032(A/B/C)	3	21	7,650	70	8.6	8.4	4.2	50	24	83	80	788
75-12-033(A/B/C)								50	30	89	120	929
75-12-042(A/B/C)	4	29	10,200	79	11.2	10.0	5.0	50	24	83	80	788
75-12-043(A/B/C)								50	30	89	120	929
75-12-052(A/B/C)	5.4	38	12,720	79	12.6	11.4	5.7	50	24	83	80	788
75-12-053(A/B/C)								50	30	89	120	929

Notes:

<sup>1</sup> 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.