

<b>73-12-016</b>	<b>73-12-012</b>
<b>73-12-026</b>	<b>73-12-022</b>
<b>73-12-032</b>	<b>73-12-033</b>
<b>73-12-052</b>	<b>73-12-053</b>

### Simplex Lubricated Rotary Vane Vacuum Package 1.5, 2, 3, and 5 HP Vertical Tank Mount

#### Vacuum Package

- One lubricated rotary vane 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

- Lubricated rotary vane pump
- Three non-metallic, non-asbestos vanes with minimum life of 30,000 hours
- Direct-driven through a shaft coupling
- Air-cooled
- End (ultimate) vacuum = 29.3”Hg
- Integral, fully recirculating oil supply
- Spin-on oil filter
- Integral oil separation system with three stage oil and smoke eliminators capable of removing 99.9% of particles from the exhaust gas stream
- Built-in anti suck-back valve mounted at the pump inlet
- Inlet filter for removal of particulates
- Shipped with initial charge of pump fluid (not installed)

#### 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		
73-11-016(A/B/C)	1.5	7	3,828	70	5.5	5	2.5	44	22	72	60	390
73-11-012(A/B/C)								44	26	72	80	446
73-11-026(A/B/C)	2	11	5,100	70	7	6	3	44	22	72	60	404
73-11-022(A/B/C)								44	26	72	80	462
73-11-032(A/B/C)	3	17	7,650	70	9.5	8.5	4.5	44	26	72	80	512
73-11-033(A/B/C)								49	32	77	120	653
73-11-052(A/B/C)	5	26	12,732	71	14.5	13.5	7	44	26	72	80	538
73-11-053(A/B/C)								49	32	77	120	679

Notes:

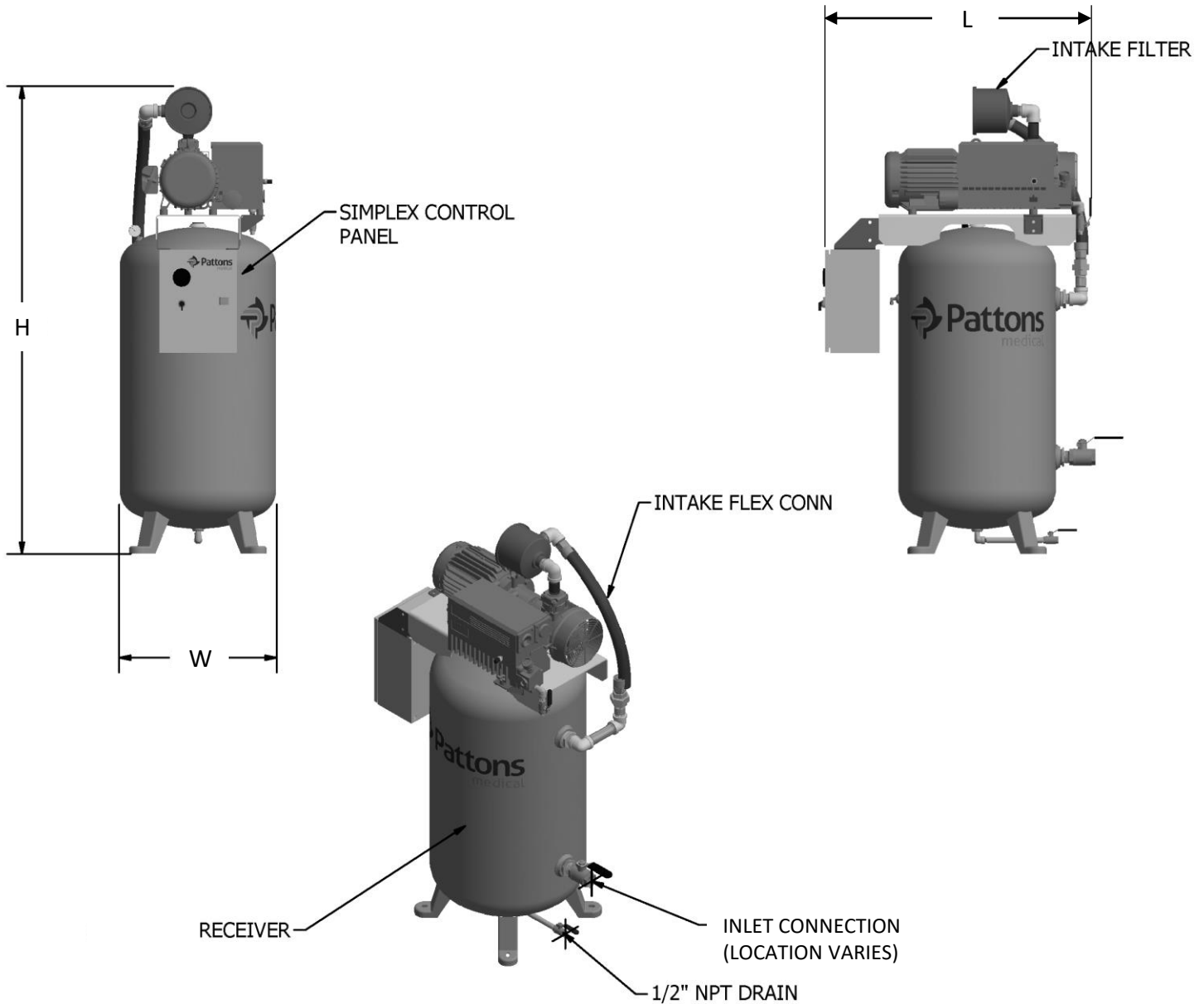
<sup>1</sup> Normal Operating conditions at a maximum ambient of 105° F. Consult factory for higher ambient conditions.

#### 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

73-12-016	73-12-012
73-12-026	73-12-022
73-12-032	73-12-033
73-12-052	73-12-053



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		
73-11-016(A/B/C)	1.5	7	3,828	70	5.5	5	2.5	44	22	72	60	390
73-11-012(A/B/C)								44	26	72	80	446
73-11-026(A/B/C)	2	11	5,100	70	7	6	3	44	22	72	60	404
73-11-022(A/B/C)								44	26	72	80	462
73-11-032(A/B/C)	3	17	7,650	70	9.5	8.5	4.5	44	26	72	80	512
73-11-033(A/B/C)								49	32	77	120	653
73-11-052(A/B/C)	5	26	12,732	71	14.5	13.5	7	44	26	72	80	538
73-11-053(A/B/C)								49	32	77	120	679

**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.