

63-12-026	63-12-022	63-12-023
63-12-036	63-12-032	63-12-033
63-12-056	63-12-052	63-12-053
63-12-076	63-12-072	63-12-073

**Simplex “Oil-Less” Scroll Air Package  
2, 3, 5, and 7.5 HP Vertical Tank Mounted with Single Point Connection**

**Air Compressor Package**

- One "oil-less" scroll air compressor module with inlet filters
- ASME coded air receiver
- NEMA 12 control panel with starter and overload
- All components completely pre-piped and pre-wired to single point service connections
- All interconnecting piping and wiring is completed and operationally tested prior to shipment

**Compressor Motor**

- NEMA rated – Open drip proof
- 3600 RPM, with 1.15 service factor
- 208 or 230/460V

**Air Receiver**

- ASME Code stamped and National Board Certified
- Rated for a minimum 200 PSIG design pressure
- Safety relief valve
- Manual drain
- Pressure Gauge
- 120G receiver is “stubby” short version

**Air Compressor Module**

- Continuous duty rated
- Air-cooled single stage scroll type
- Constructed of one fixed and one orbiting scroll sealed with PTFE tip seals between the scroll halves
- Rated for 120 psig discharge pressure (some versions to 145)
- Protected from dust or contamination with a two-part face seal
- Drive/Orbiting bearings - grease filled -10,000hour maintenance
- Scroll housing constructed of die cast aluminum
- Integral cooling and air ducting for maximum heat dissipation
- V-belt drive with means of adjustment
- OSHA approved, totally enclosed belt guard
- Compressor discharge line equipped with a check valve

**Control System**

- Mounted and wired simplex control system
- NEMA 12 and UL 508A labeled
- Full voltage motor starters with overload protection

**Options**

**Aftercooler**

- Add suffix: -A
- Air-cooled aftercooler for each compressor module to reduce dryer approach temperature

**Vibration Isolation**

- Add suffix: -V
- Compressor module mounted on vibration isolators to prevent transfer to vibration to the facility
- Includes SS flex hose for discharge air from the compressor to receiver

**Automatic Drain Valve**

- Add suffix: -W
- Automatic timed solenoid drain valve piped off receiver
- Powered from a separate 120V power source

**Non-corrosive Receiver**

- Add suffix: -G
- Non-corrosive coating on inside of receiver

**145 psi Maximum Discharge Pressure**

- Add suffix: -H (after all other options)
- Some models can be provided with a 145psi maximum discharge pressure (see table)
- Overhaul of compressor is required at 5,000 hours
- SCFM is reduced (see tabel)

**Desiccant Dryer**

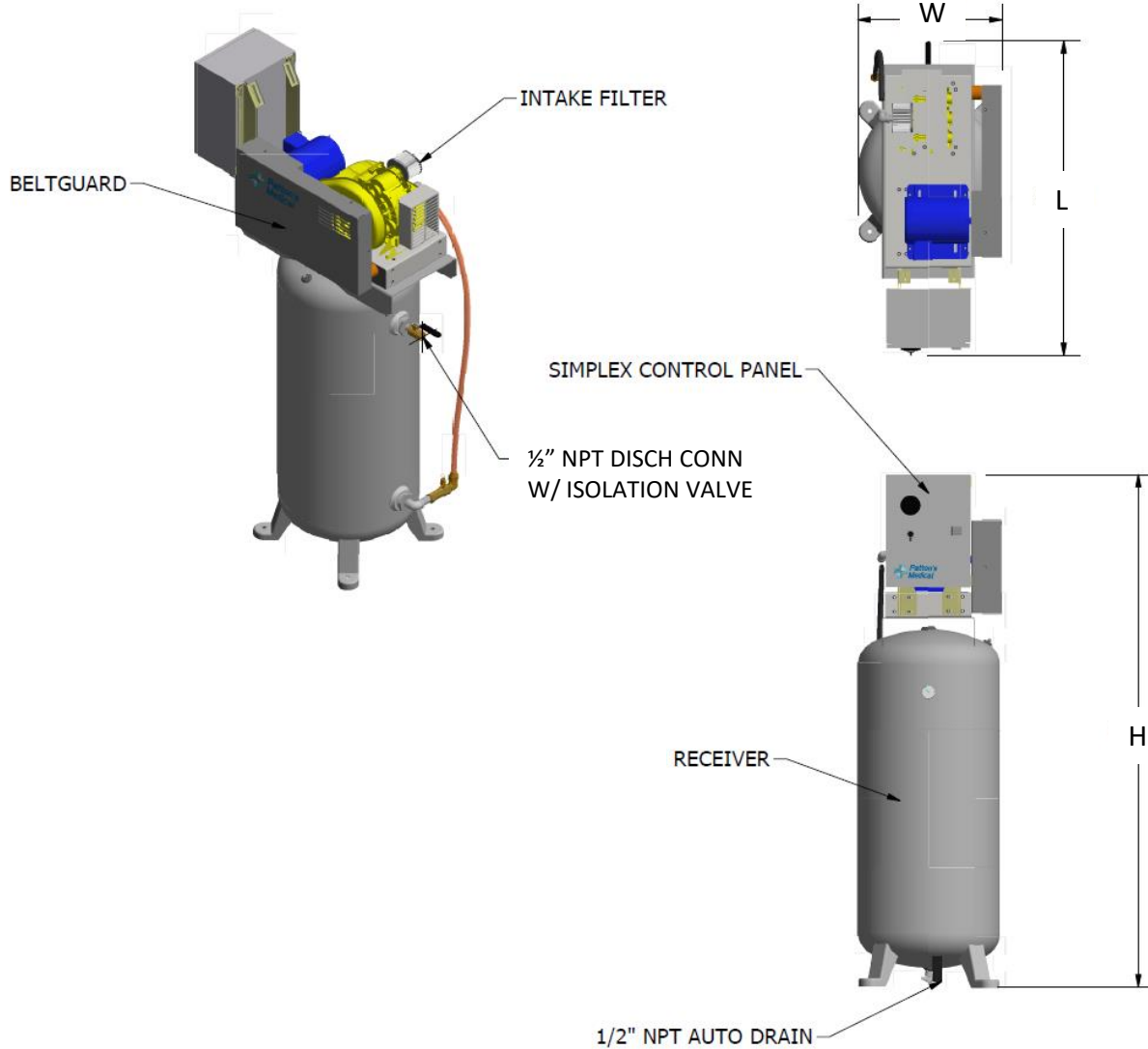
- Add suffix - D
- Includes Aftercooler (option A)
- Includes Automatic Drain Valve (option W)
- Simplex desiccant air dryer with pre-filter and after-filter
- Dryer sized for peak calculated demand and capable of producing a -40° F (-40° C) pressure dew point
- High efficiency coalescing pre-filter rated for 0.01 micron on dryer with automatic drain and element change indicator
- Particulate final line filter rated for 0.01 micron on dryer with element change indicator
- Increases width of 60 gallon version to 28"
- May increase length up to 3"

**Refrigerant Dryer**

- Add suffix: -R
- Shipped Loose
- Includes Aftercooler (option A)
- Includes pre-filter and after-filter (shipped loose)
- Provides 35-38°F pressure dew point
- Non-cycling, direct expansion dryer using R-134a refrigerant
- Constant pressure expansion valve maintains 38°F evaporator temperature
- Powered from a separate 120V power source

## SPECIFICATION

63-12-026	63-12-022	63-12-023
63-12-036	63-12-032	63-12-033
63-12-056	63-12-052	63-12-053
63-12-076	63-12-072	63-12-073



Simplex Air Package Specifications <sup>1</sup>													
Model Number	HP	System Capacity		Package BTU/HR	Noise Level	System FLA			Dimensions (in)			Receiver (gallons)	Weight (lbs.)
		110 psig	145 psig			208V	230V	460V	L	W	H		
63-12-026(A/B/C)	2	7	n/a	4,760	63	6.5	6	3	45	24	74	60	380
63-12-022(A/B/C)									45	28	74	80	420
63-12-023(A/B/C)									46	32	80	120	547
63-12-036(A/B/C)	3	8.6	7.1	6,750	66	9.5	8.5	4.5	45	24	74	60	450
63-12-032(A/B/C)									45	28	74	80	490
63-12-033(A/B/C)									46	32	80	120	577
63-12-056(A/B/C)	5	17	n/a	11,500	68	14.5	13	6.5	45	24	74	60	465
63-12-052(A/B/C)									45	28	74	80	505
63-12-053(A/B/C)									46	32	80	120	632
63-12-076(A/B/C)	7.5	24	15	17,100	70	20.5	18.5	9.5	45	24	74	60	485
63-12-072(A/B/C)									45	28	74	80	525
63-12-073(A/B/C)									46	32	80	120	652

**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 Lab 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.