

	63-11-021	63-11-026
63-11-031	63-11-036	63-11-032
63-11-051	63-11-056	63-11-052
63-11-076	63-11-072	63-11-073

**Simplex “Oil-Less” Scroll Air Package
2, 3, 5, and 7.5 HP Horizontal 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

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)

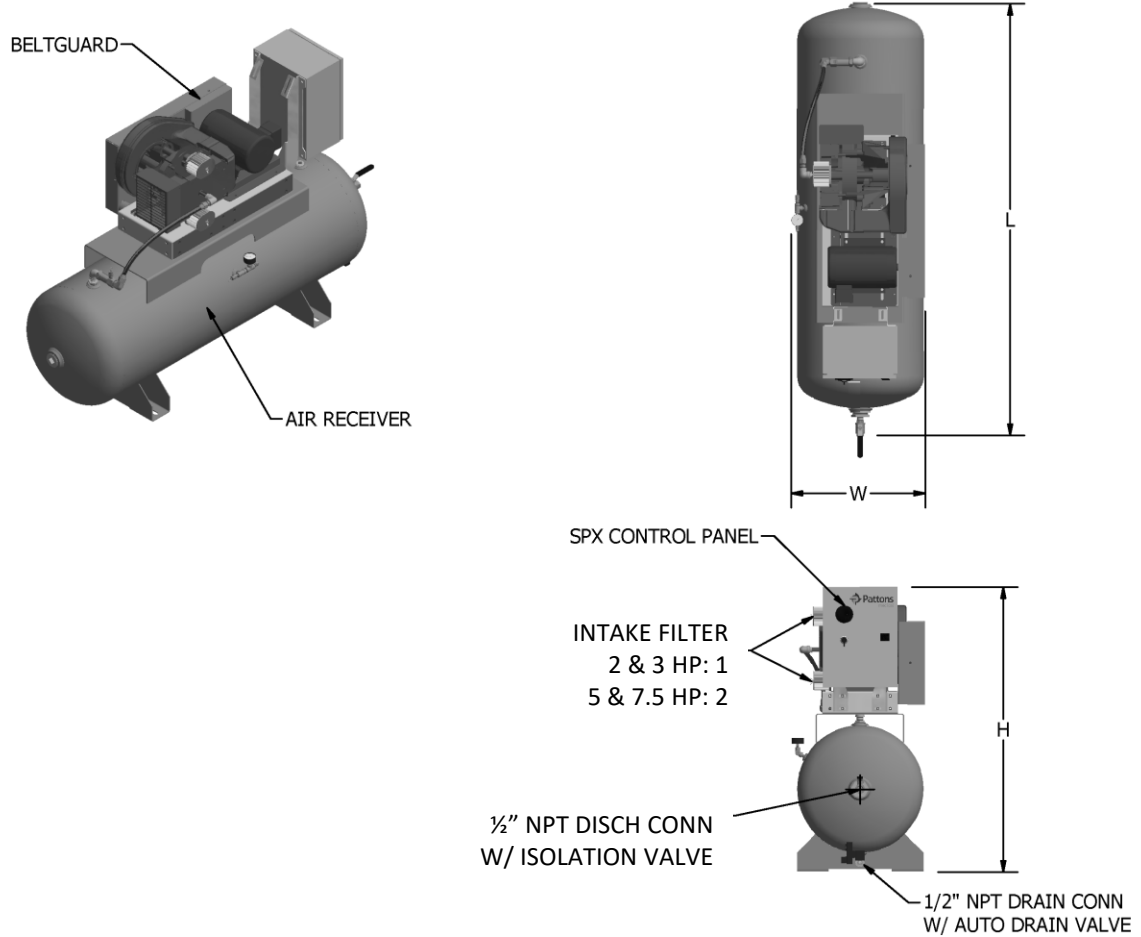
Desiccant Dryer

- 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 to 25"

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

	63-11-021	63-11-026
63-11-031	63-11-036	63-11-032
63-11-051	63-11-056	63-11-052
63-11-076	63-11-072	63-11-073



Simplex Air Package Specifications ¹													
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		
63-11-021(A/B/C)	2	7	n/a	4,760	63	6.5	6	3	51	20	41	30	361
63-11-026(A/B/C)									54	21	45	60	402
63-11-031(A/B/C)	3	8.6	7.1	6,750	66	9.5	8.5	4.5	51	20	41	30	361
63-11-036(A/B/C)									54	21	45	60	402
63-11-032(A/B/C)									54	21	45	80	415
63-11-051(A/B/C)	5	17.2	n/a	11,500	68	14.5	13	6.5	51	20	41	30	340
63-11-056(A/B/C)									54	21	45	60	467
63-11-052(A/B/C)									68	22	45	80	475
63-11-076(A/B/C)	7.5	24	15.5	17,100	72	20.5	18.5	9.5	58	22	45	60	519
63-11-072(A/B/C)									68	22	45	80	572
63-11-073(A/B/C)									72	25	49	120	697

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.