

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

Air Compressor Package

- Two "oil-less" scroll air compressor module with inlet filters
- ASME coded air receiver
- NEMA 12 duplex control panel with starter and overload per motor, 120V transformer, and alternator
- 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

Control System

- Mounted and wired duplex control system
- NEMA 12 and UL 508A labeled
- Automatic Lead/Lag sequencing
- Full voltage motor starters with overload protection
- 120V control circuit transformer with fuses
- Hour meter for each compressor
- Alternator for automatic alternation of compressors based on a first-on/first-off principle with provisions for simultaneous operation
- Hand-Off-Auto switches on front panel for reliable back-up

Compressor Motor

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

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

Air Receiver

- ASME Code stamped and National Board Certified
- Rated for a minimum 200 PSIG design pressure
- Safety relief valve
- Manual drain
- Pressure Gauge

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 each compressor to receiver
- Increases height by 2”

Automatic Drain Valve

- Add suffix: -W
- Automatic timed solenoid drain valve piped off receiver
- Powered from a control cabinet

Non-corrosive Receiver

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

145 psi Maximum Discharge Pressure

- Add suffix: -H
- 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 table)

Desiccant Dryer

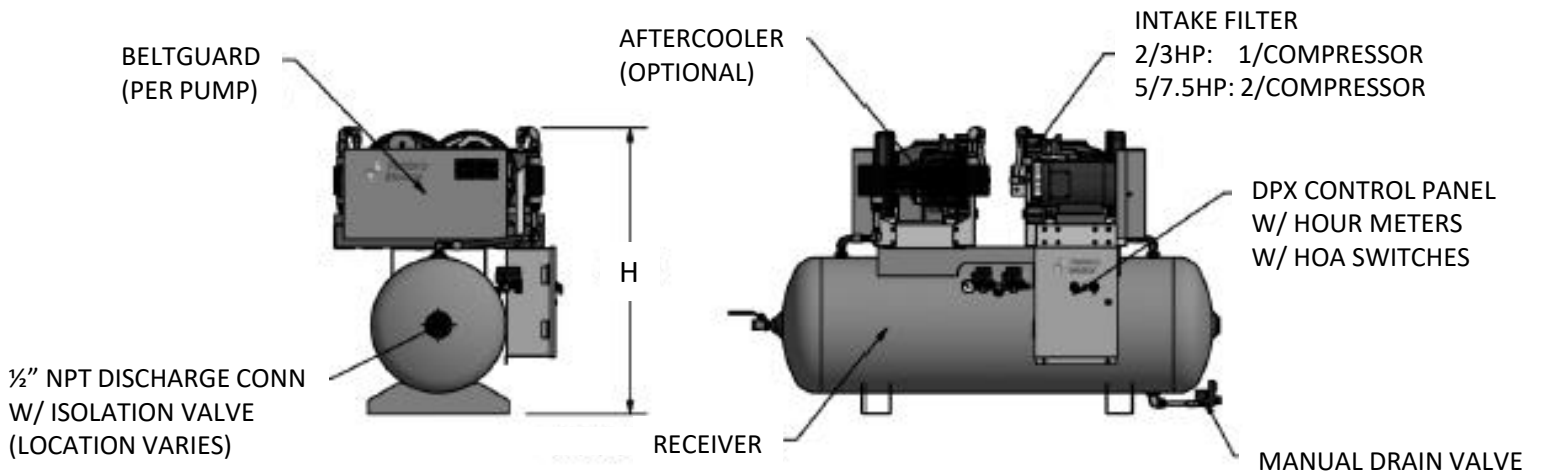
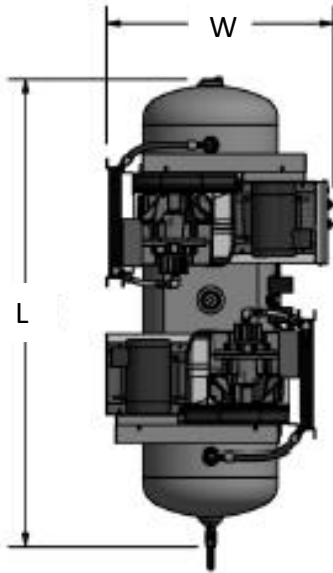
- Add suffix - D
- Includes Aftercooler (option A)
- Includes Automatic Drain Valve (option W)
- Simplex desiccant air dryer (**sized for all pumps running**) with pre-filter and after-filter
- Dryer sized for peak calculated demand and capable of producing a -40° F (-40° C) pressure dew point
- High 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

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

	63-21-026	63-21-022
	63-21-036	63-21-032
	63-21-052	63-21-053
63-21-072	63-21-073	63-21-074



Duplex Air Package Specifications ¹													
Model Number	HP	System Capacity ²		Package BTU/HR ³	Noise Level ⁴	System FLA			Dimensions (in)			Receiver (gallons)	Weight (lbs.)
		110 psig	145 psig			208V	230V	460V	L	W	H		
63-21-026(A/B/C)	2	14	n/a	9,520	66	13	12	6	54	34	45	60	978
63-21-022(A/B/C)									68	34	45	80	1,030
63-21-036(A/B/C)	3	17.2	14.2	13,500	69	19	17	9	54	34	45	60	998
63-21-032(A/B/C)									68	34	45	80	1,050
63-21-052(A/B/C)	5	34.4	n/a	23,000	71	29	26	13	68	34	45	80	1,090
63-21-053(A/B/C)									72	34	49	120	1,214
63-21-072(A/B/C)	7.5	48	31	34,200	73	41	39	19	68	34	45	80	1,276
63-21-073(A/B/C)									72	34	49	120	1,400
63-21-074(A/B/C)									77	34	56	200	1,550

Notes:

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

² Capacity with both compressors running.

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.