

“Oil-Less” Reciprocating Dental Air Package

3 – 4.5 HP Horizontal Tank Mounted with Single Point Connection and Desiccant Dryer

Air Compressor Package

- Two or three "oil-less" reciprocating air compressor modules with inlet filter
- ASME coded corrosion resistant air receiver
- Desiccant air dryer system
- Duplex or Triplex control panel
- All discharge air piping and fittings - copper tubing, brass and/or stainless steel
- All discharge flex connectors – braided
- 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
- Thermally protected motors
- Air intake filters to protect compressor by trapping dirt, dust, and airborne pollutants

Air Compressor Module

- Continuous duty rated
- Air-cooled single stage reciprocating type
- Rated for 100 psig discharge pressure
- Teflon coated pistons and sleeves to ensure long life of the compressor heads
- Air-cooled aftercooler
- Each compressor discharge line equipped with a safety relief valve, a check valve, and flex hose

Air Receiver

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

Compressor Motor

- NEMA rated
- Energy efficient to reduce need for boost transformers
- 208 or 230/1/60 single phase input

Vibration Isolation System

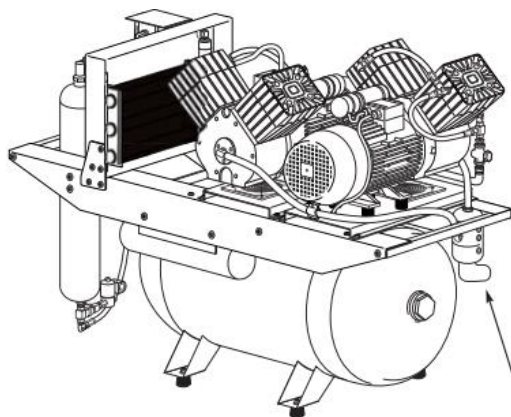
- Compressor/motor - fully isolated from the package base by means of a four-point, heavy duty, isolation system
- Minimum of 95% isolation efficiency

Dryer/Filter/Regulator System

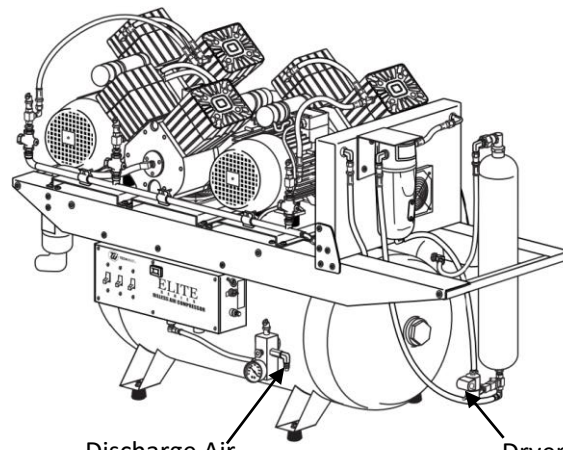
- Desiccant air
- Moisture indicator
- High efficiency coalescing pre-filter

Quiet Cover Option (for 84-ACO4D2)

- 84-ESCD-100 (Duplex unit only)
- Cover to reduce noise level to 68 dba
- Weight increase of 50 lbs.
- Height increases by 4" (to 38")



Intake Air



Discharge Air

Dryer Purge Air

Duplex/Triplex Dental Air Package Specifications¹

Model Number	Max. Users	HP	System Capacity (100 psig)	Noise Level ³	System FLA 208-230/1/60	Receiver Size (gallons)	Width (W) (inches)	Depth (D) (inches)	Height (H) (inches)	Package Weight (pounds)
84-ACO4D2	5-7	3	11	70	16	20	38	22	34	248
84-ACO6T2	8-10	4.5	16.5	72	25.5	30	46	25	36	320

Notes:

¹ Normal Operating conditions at a maximum ambient of 100° F. Consult factory for higher ambient conditions.

² Capacities are shown as all compressors running and are shown in Inlet Cubic Feet per Minute (ICFM).

³ Noise levels are shown in dB(A) and reflect all compressor modules running.

Statement of Warranty

Patton's Medical warrants all Medical 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.