



MEDICAL | 7.5 HP ROTARY SCROLL AIR COMPRESSORS

EnviroAire **S7**

Gardner Denver has over 150 years of experience in design and manufacturing of the highest quality compressors. The EnviroAire rotary scroll system is the perfect example of our progressive innovation. The NFPA 99 and CSA code compliant EnviroAire series, is designed specifically for medical applications. Gardner Denver takes the lead in delivering superior product performance and overall system reliability.

Standard Equipment

- Continuous operation, 100% duty cycle
- Mounted control panel
 - MediTrol: duplex
 - MediTrol Plus HMI: triplex, quadraplex
- Vinyl lined receiver
- Extremely low noise and vibration
- Premium efficient TEFC motor
- ASME pressure relief valve
- Air-cooled aftercooler with separator and trap
- Remote inlet filter
- Receiver sight and pressure gauges

Available Options

- Galvanized receiver
- Remote tank available in 80, 120 or 240 gallon
- Medical desiccant dryer system with dew point and CO monitoring
- MediTrol Plus HMI control panel (duplex)

Gardner

Denver

BARE AIREND

MODEL	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS
SC7	16.3 x 16.1 x 13.9	61

DUPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ICFM	RPM	ICFM
7.5	Base	BENVS7D	72 x 48 x 51	1240	3340	22.4	2650	16.2
7.5	80	HENVS7D-8	65 x 34 x 61.5	1400	3340	22.4	2650	16.2
7.5	120	HENVS7D-12	69 x 34 x 65.5	1500	3340	22.4	2650	16.2
7.5	240	HENVS7D-24	86 x 40 x 71.5	1700	3340	22.4	2650	16.2

Duplex units have two motors and two pumps on one base/tank. Performance based on full system operation with one compressor in reserve per NFPA 99.

TRIPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ICFM	RPM	ICFM
7.5	Base	BENVS7T	73 x 48 x 54.5	1935	3340	44.8	2650	32.4
7.5	80	HENVS7T-8	129 x 48 x 69	2551	3340	44.8	2650	32.4
7.5	120	HENVS7T-12	129 x 48 x 77.5	2601	3340	44.8	2650	32.4
7.5	240	HENVS7T-24	135 x 48 x 94.5	2999	3340	44.8	2650	32.4

Triplex units have three airends and three motors stacked on a common base. Performance based on full system operation with one compressor in reserve per NFPA 99.

QUADRAPLEX

MOTOR HP	BASE OR TANK CAPACITY GAL.	IDENTIFICATION NUMBER	DIMENSIONS L x W x H IN.	APPROX. SHIP WEIGHT LBS	116 PSI RATING		140 PSI RATING	
					RPM	ICFM	RPM	ICFM
7.5	Base	BENVS7Q	73 x 48 x 72	2641	3340	67.2	2650	48.6
7.5	80	HENVS7Q-8	129 x 48 x 69	3267	3340	67.2	2650	48.6
7.5	120	HENVS7Q-12	129 x 48 x 77.5	3317	3340	67.2	2650	48.6
7.5	240	HENVS7Q-24	135 x 48 x 94.5	3715	3340	67.2	2650	48.6

Quadrplex units have four airends and four motors stacked on a common base. Performance based on full system operation with one compressor in reserve per NFPA 99.

Gardner Denver®

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