

Oil-Less Reciprocating Medical Air System

More Than a Compressor

LifeLine® Medical Air systems are much more than simply air compressors. They are an integral part of a patient life support system. As such, each component must be carefully designed to ensure the air purity and operational reliability you demand.

At BeaconMedæS we specialize in the design of clean, dry medical air systems. Our ability to evaluate and apply air compressors, dryers, filtration, regulation, and dew point/CO instrumentation has enabled us to develop the fully integrated

LifeLine® series. *Fully compliant with NFPA 99.*

Complete Tank Mounted “SPC” Duplex Packages

Our **LifeLine®** Oil-Less Reciprocating Medical Air packages mounted on integral air receivers are a complete NFPA 99 compliant system. Each single point connection medical air package includes:

- *State of the art Total Alert Embedded control system*
- *Touchscreen controls for system operation, alarms and warnings, service screens, and event logs*
- *Direct drive, flanged on electric motor that eliminates transmission losses and increases efficiency*
- *Fully duplexed **LifeLine** desiccant dryers to guarantee dew point, minimal leak points, and improved serviceability*
- *Pre-wired, pre-piped, and assembled on one common base with single point connections for intake air, discharge air, electrical and drainage*
- *Air receiver with integral three-valve bypass that allows individual compressor isolation as well as a complete air receiver bypass*



BEACONMEDÆS®

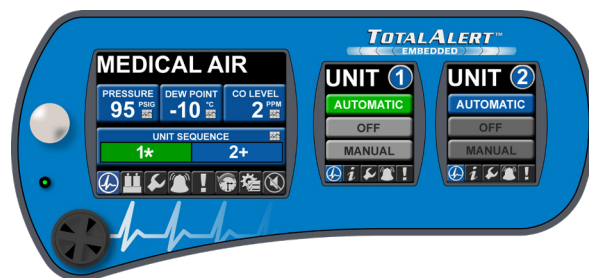
Part of the Atlas Copco Group

TotalAlert Embedded Controls

The Oil-Less Reciprocating Medical Air systems feature high-detail touchscreen controls. Easy-to-read color graphics and icons make navigation a breeze and portray the system's vital information.

The TotalAlert Embedded controls enable you to network your medical air system with your TotalAlert alarm panels through your facility's Ethernet. Monitor the system remotely from any computer on the facility's network. No additional wiring, no additional software – all inclusive out of the gate.

- Text/e-mail alerts and alarms notify the right people immediately
- Ethernet communication compatible with TotalAlert alarm systems



Clean, Dry Medical Air

Our **LifeLine®** Medical Air dryers deliver clean, dry medical air all the time. High efficiency coalescing filters remove particles and liquids from the air stream to protect the dryers and to protect your medical air delivery. The repressurization cycle in the dryer adds an additional safeguard against desiccant dusting and valve wear.

Standard features on all **LifeLine®** dryers include:

- Anodized aluminum base block with SAE fittings to reduce potential leak points and to reduce pressure drop losses
- 441 tower transfer valve featuring sliding ceramic plates and a 5-year warranty
- Dryer towers with repressurization cycle to eliminate desiccant shock and minimize desiccant dusting
- Easy tower disassembly for serviceability



Technical Specifications Tank Mount Systems

Model	HP	KW	System	System Capacity	
				SCFM	l/s
PAT02D-08H-D	2.4	1.8	Duplex	7.6	3.59
PAT03D-08H-D	3.4	2.6		9.7	4.58
PAT06D-08H-D	6.4	4.8		19.3	9.11
1. All capacities are shown as NFPA system capacities (reserve compressor on standby). All capacities are shown in Standard Cubic Feet per Minute (SCFM), measured according to ISO 1217, ED. 3m Annex C-1996. Free Air Delivery is measured at working pressure of 100 psi.					
2. Normal operating conditions at a maximim ambient of 105°F. Consult factory for higher ambient conditions.					