

## Purelogic™ Central Controller

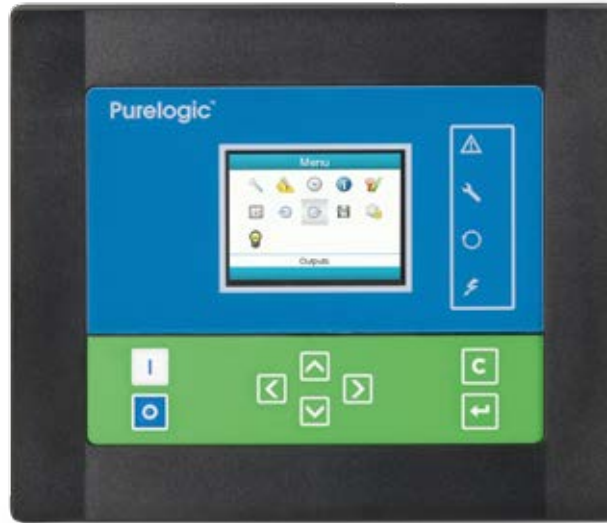
It's vital that your Medical Air Plant is controlled and monitored in the most efficient way possible. This is precisely the goal of the PMGS Purelogic™ Central Controller, a state-of-the-art control solution that provides optimal control and monitoring of your machines, increased reliability and reduced energy consumption.

- **Easy to use** – The Purelogic™ controller incorporates a 3.5" high-definition colour display with a multilingual user interface, clear icon indications and Ethernet connectivity.
- **Control & monitoring** – The Purelogic™ controller displays and controls all parameters to ensure reliable operation of your PureMED dryer.
- **Safeguards production** – Offers a number of alarms that gives the customer the information needed for safe operations.
- **Compliance** – The Purelogic™ controller is in accordance with the HTM02-01 and HTM2022 standards. Its software is compliant to IEC 62304.

## System layout

PMGS offers the Medical Air System as a modular configuration for easy on-site installation and maintenance.

Each major component - compressor(s), dryer and receiver(s) are supplied with copper stub pipes. Each component is easy to manoeuvre into place. Once positioned, these components are simply connected together by the installer.



## PureMED dryer

The PureMED desiccant dryer uses desiccant material and heatless regeneration to adsorb and remove the humidity from compressed air. With this method a pressure dew point of  $-40^{\circ}\text{C}/-40^{\circ}\text{F}$  can be reached as standard.

As a result of the dryer's small footprint and integrated design, it will fit in confined locations. The PureMED gets delivered pre-assembled and ready to use, minimising the installation time and costs. The forklift slots are foreseen at the bottom of the dryer, improving its transportability and simplifying its installation significantly.

To offer ultimate protection to your equipment hence your patients, the PureMED is equipped with Atlas Copco' best-in-class filters. The oil coalescing filter at the inlet prevents oil contamination, increasing desiccant lifetime. The filters at the outlet protect your network against dust, avoiding network contamination.



## Compliance

The PureMED dryer is manufactured according to a quality management system compliant to ISO 13485. Moreover, the unit is designed following international regulations, including Pharmacopoeia and Medical Device Directive MDD 93/42/EEC. The PureMED exceeds requirements of demanding standards, such as:

- ISO 14971
- ISO 7396-1
- HTM 02-01
- HTM 2022