



LOW PRESSURE WAVEGUIDE DRYERS AND DRY AIR PRESSURISERS

The dry air pressurisation of communication equipment, cables and waveguide installations has been a major part of our business since Silicair Dryers was formed in 1967. This was enhanced even further in 1999 with the acquisition of the Dryvent business and their vast experience and involvement in this particular market sector.

These products are supplied into both civil and military sectors for aspects of the communications market covering the dry air pressurisation of cables and waveguide for use in antenna and radar installations and applications.

The dryer design comprises a self-contained dryer package incorporating a small oil free compressor, desiccant dryer, interconnecting pipework, dry air receiver tank and regulation equipment that then supplies a constant flow of dry and very low pressure

air to the required application. All of the equipment is assembled within a mild steel cabinet for protection and can be floor or wall mounted depending in the location requirements.

The constant pressure provided prevents the ingress of any moisture into the installed communication equipment

Based on the volume of the cable system or waveguide that it being considered, Silicair Dryers can select a suitably sized dryer package to meet your requirements. The dryers can be provided with option extras including a dewpoint alarm and a pressure failure alarm.

Silicair Dryers can use the same design technology to provide dryer sets for the pressurisation of power station Isolated Phase Busbars (IPB) and any requirements for this application can be considered. Also a range of tank vent breathers are available for installation to protect storage tanks or vessels from moisture ingress.

