

**Selection Guide**

Selection Guide	Standard Duty Industrial	Heavy Duty Industrial
Part No	BL/D7870/01	BL/D7870/02
Desiccant Content	0.6 Kg	1.2 Kg
Adsorption Capacity	90 grams	180 grams
Air Drying Capacity	6 cubic metres	12 Cubic metres
Maximum Flow Rate	30 litres per minute at 25 microns nominal	
Operating Temperature	-20°C to + 55°C	
Materials of Construction	UV Resistant Polycarbonate and PVC	
Mounting Thread	¾ BSPP (2" BSPP Adapter available)	

Installation

The dryers are supplied with a threaded, red coloured, sealing plug screwed into the top moulding. This is the replacement desiccant filler plug and should only be removed to replace the saturated desiccant. Couple the female threaded connection to the reservoir via a suitable connector.

Full installation and maintenance instructions are supplied with each dryer

Operation

Periodic inspection should be carried out to monitor the condition of the desiccant charge. The dryers are filled with beaded Envirogel desiccant. This material changes colour from orange to green as it becomes saturated with water vapour. When the colour change reaches the indicator line on the desiccant container it should be recharged with fresh desiccant.

Maintenance

The only maintenance necessary to keep the dryer in a fully active condition is the replacement of the spent desiccant as detailed below.

1. Unscrew the unit from the reservoir.
2. Remove the red coloured filler plug in the top moulding and empty the spent desiccant from the container. This material may be disposed of in a normal landfill site.
3. Fill the container with active orange desiccant, lightly tap the container to settle the desiccant and top up if necessary. Desiccant refills are available from Brownell.
4. Replace the filler plug and screw the recharged unit back onto the reservoir.



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PRODUCT INFORMATION

INDUSTRIAL RESERVOIR VENT DRYER – BL/D7870

Desiccant Refills

Envirogel refills – Part No: BL/D6331 offers capacities ranging from 0.5 to 50Kg.

This data is supplied for information purposes only and is subject to change without prior notification

Please contact Brownell Limited for any further information or guidance required.

Tel: 020 8965 9281

Fax: 020 8965 3239

E-mail: info@brownell.co.uk



Humidity Control and Moisture Protection

Unit 2 Abbey Road Industrial Park, Commercial Way,
Park Royal, London, NW10 7XF

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