



**Enviro-Tronics**  
Preventing Moisture Contamination

# Vent Dryers

Protecting Drums, Tank & Reservoirs



## Protection against:

- ◆ High humidity
- ◆ Water condensation
- ◆ Fluid contamination
- ◆ Sedimentation
- ◆ Viscosity changes

We care about  
your Liquid  
Assets!



# Enviro-Tronics

Preventing Moisture Contamination

The EnviroTronics range of Vent Dryers has been developed to protect storage drums, tanks and reservoirs during use and operation. Many fluids are hygroscopic (adsorb water vapour and condensate) in nature. Once exposed to normal atmospheric humidity these materials will adsorb water vapour. Water vapour which subsequently condenses can cause a fluid to be permanently damaged from the resulting physical and chemical changes.

## Key Features

- Quick and easy to install
- Visual colour change
- Prevents product contamination
- Rechargeable
- No energy requirements
- Constant protection
- Minimised pressure differentials
- Provide full weather protection
- Assist flame suppression
- Reduced odour emissions
- Dual thread mounting option



Water vapour can be seen being adsorbed by the silica gel desiccant at the orange/green interface and as it progresses through the adsorbent bed.

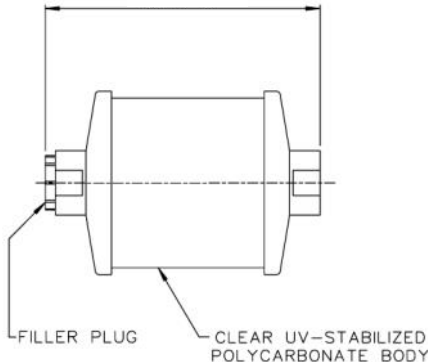
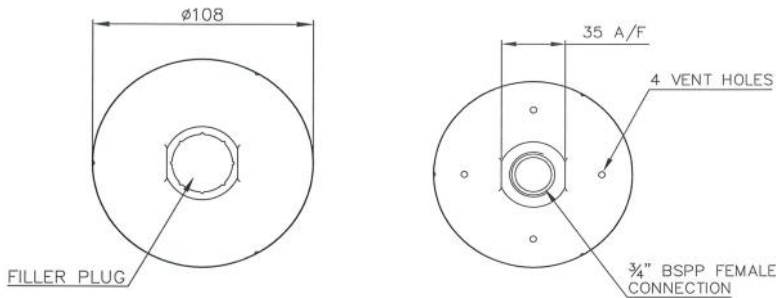
## Activated Carbon

The addition of activated carbon to Vent Dryers enables the adsorption of volatile organic compounds and the release of smells and odours.

### Typical Applications:

- Treatment of odours
- Industrial air filtration
- Removal of exhaust fumes
- Fumes, odour & outgassing removal
- Solvent recovery
- Toxic gas control
- Waste water treatment

# Specifications



The Vent Dryer begins to work from the moment it is installed. Practical field trials have demonstrated that when a Vent Dryer is fitted to a new drum, tank or reservoir of polished fluid the airspace above the fluid is safe from condensation within a few hours.

*Air movement results from changes in temperature, barometric pressure and fluid pumping.*

Suitable for:  
205 litres drums and  
1000 litres reservoirs

Selection	Standard Duty Industrial	Heavy Duty Industrial	Standard Duty Ultra Clean	Heavy Duty Ultra Clean
Part No.	BL/D7870/01	BL/D7870/02	BL/D7548/01	BL/D7548/02
DIMN 'A'	17cm	27cm	17cm	27cm
Desiccant Capacity	0.6kg	1.2kg	0.6kg	1.2kg
Adsorption Capacity	90 grams	180 grams	60 grams	120 grams
Air Drying Capacity	6 cubic meters	12 cubic meters	4 cubic meters	8 cubic meters
Mounting Thread	$\frac{3}{4}$ BSPP (2" BSPP adapter available)		$\frac{3}{4}$ BSPP (2" BSPP adapter available)	
Activated Carbon Order Code	BL/D7870/01/AC	BL/D7870/02/AC	BL/D7548/01/AC	BL/D7548/02/AC



## ENVIROGEL DESICCANT

EnviroTronics Dryers are filled with Envirogel Desiccant, which changes colour from orange to green as it becomes saturated with water vapour.

EnviroTronics Dryers are designed to enable the easy and quick replacement of the desiccant charge. When the colour change from orange to green has reached the level indicated on the label, charge should be replaced.



Part No	Refill Qty	Packaging
BL/D2807/89	0.6kg	Metal Foil Laminate Pouch
BL/D2807/90	1.2kg	Metal Foil Laminate Pouch
BL/D6331/05	12.5kg	Drum
BL/D6331/06	25.0kg	Drum



The Friendly  
**ENVIROGEL**  
Adsorbent



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