










PRESSURISED DEWAR FILL PANEL

Pressurised Dewar Fill Panels are designed to allow for the safe and automatic filling of mobile pressurised dewars from a bulk tank. This allows customers to have the benefit of liquid at bulk prices but the convenience of liquid in a mobile container. Panels can be just a single station or multiple outlets where two or more dewars can be filled simultaneously. Variants for outdoor and indoor use are available with all relief valve and vent streams properly taken care of.

Key Features

-  Filling stops automatically when vessel is full. No need to stand around waiting.
-  Can be used with almost any make or size of pressurised dewar.
-  Left and right hand versions available depending on location of incoming supply.
-  Supplied complete with standard fill and vent hoses. Specials on request.
-  Multiple versions available on request to allow simultaneous filling of more than one dewar.
-  Versions available for indoor and outdoor use.
-  For longer lines, variants with gas bypass systems to pre-cool the line can be supplied.

Applications

Liquid nitrogen is often delivered to customers sites into small mobile dewars but the cost of this can be high. On sites where there is already a bulk source of liquid nitrogen, where the unit cost is lower, pressurised dewar fill panels allow the customer to fill their own dewars at their own convenience directly from this cheaper source.

Sites that have a large requirement for mobile vessels can have stations with multiple ports to allow for large numbers of dewars to be filled together. Because each panel operates independently each vessel will stop filling once full.

Our panels use high reliability electro-pneumatically actuated ball valves, well proven electronics and a robust frame to provide high quality, safe systems for prolonged use.

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THAMES CRYOGENICS LTD
Total Cryogenic Solutions

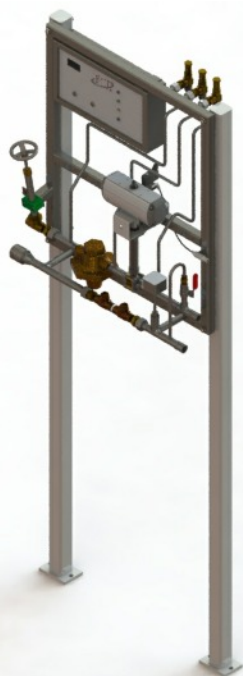


Braced legs

Wall support



Straight legs



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