

## WVM45 - WVM750

### Ref.: Thermal Insulation for WVM45 – WVM750 (Generation 5)



#### Basic Insulation:

Application:	For adsorption dryers with PDP: -20°C and -40°C
Description:	<p>The insulation is composed of an internal layer with superior thermal and mechanical properties (thickness: 40mm). The internal layer is completely inorganic. The product exhibits no smoke generation or outgassing whilst in service.</p> <p>The external layer is corrosion resistant and made of <a href="#">aluminum sheet metal</a>.</p> <p>The basic insulation is included in the scope of supply.</p>
Insulated components:	Vessels, heater pipe.

#### High Performance Insulation:

Application:	For adsorption dryers with PDP: < -40°C
Description:	<p>The insulation is composed of an internal layer with superior thermal and mechanical properties (thickness: 40mm). The internal layer is completely inorganic. The product exhibits no smoke generation or outgassing whilst in service.</p> <p>The external layer is corrosion resistant and made of <a href="#">aluminum sheet metal</a>.</p> <p><b>Attention:</b> non-standard, dryers equipped with high-performance insulation will be processed as a customized unit (please note customized item number when ordering).</p>
Insulated components:	Vessels, heater pipe, and bottom bridge pipes.

The advantages of using aluminum sheet metal, compared to a galvanized steel version (used by most competitors):

- Less weight compared to the galvanized steel version
- High-quality appearance
- Slight signs of wear or slight damage are less visible due to the textured 'orange peel' surface
- Rust-proof (the cut edges of galvanized steel will rust over time)