

CLAMP-ON STEAM JACKETS

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PROTECTOSEAL

The clamp-on steam jackets offered by Protectoseal are designed to be installed in conjunction with pressure and/or vacuum relief vents and some flame arresters. Steam jacketing is commonly used on tanks containing liquids whose vapors tend to crystallize at ambient temperatures; (e.g. Naphthalene, Maleic Anhydride, DMT, Phthalic Anhydride). They are often utilized in cold climates to prevent freezing and plugging.

The clamp-on jacket provides a means of transferring heat from steam to the vent or flame arrester on which it is installed. Uniform heating of the valves and housing helps ensure the unit will remain in operating condition, free from plugging.

SPECIAL FEATURES:

- Heating Chamber - The entire jacket is a heating chamber rather than a small chamber embedded in an aluminum casting, where aluminum must transfer the heat.
- Light Weight - Because the clamp-on jacket is lighter than convention jackets, there is less stress on the piping system. Easy removal for maintenance or repair in the field.
- No Cross Contamination - The clamp-on jacket eliminates the danger of cross contamination between product and heating medium.
- Meets your Specifications - Custom fabricated to meet your exact specifications.

SPECIFICATIONS:

- Carbon steel jackets are standard.
- Standard design is rated for 150 PSIG at 800°F.
- Jacket connections are 3000# FNPT.
- Hydrostatic testing can be done in accordance with the customer's request.
- Flanged connections are also available.

The following Series Numbers can be steam jacketed, contact factory for details:

Weight Loaded Pressure & Vacuum Vents	6240	End-of-Line Vacuum Vent
	8540	End-of-Line Pressure / Vacuum Conservation Vent
	8740	In-Line Pressure / Vacuum Conservation Vent
	16240	Side-Mounted Vacuum Vent
	17800	Pipe-Away Pressure Conservation Vent (as shown)
	18540	Pipe-Away Pressure / Vacuum Conservation Vent
Spring-Loaded Vents <i>(Operating Pressure in the 3 to 15 PSIG Range)</i>	9240	End-of-Line Vacuum Vent
	9540	End-of-Line Conservation Breather Vent
	19240	Side-Mounted Vacuum Vent
	19540	Pipe-Away Pressure / Vacuum Conservation Vent
	19800	Pipe-Away Pressure Conservation Vent
Emergency Pressure Relief Vents	51600	Hinged Emergency Pressure Manhole Cover Vent <i>(base only)</i>
	52500	Emergency Pressure / Vacuum Manhole Cover Vent <i>(base only)</i>
	53300	Emergency Pressure Manhole Cover Vent <i>(base only)</i>
Flame Arresters	4950	Vent-Line / In-Line Flame Arrester



Series 17800 Pipe-Away Pressure Vent shown with Steam Jacket

