

GEA DRIVENT® 2.0

Safe explosion protection with five-year
hygiene performance





The new GEA DRIVENT® 2.0 high performance, explosion vents from GEA provide EHEDG-certified explosion protection for food, dairy and chemical spray dryers.

The new vents are designed to have a long life with precautionary replacement recommended only after five years' service to maintain hygienic performance. They are lightweight for 'risk-free' handling and easy fitting, and have an increased vent area compared with previous models. The DRIVENT® 2.0 is available as a single or double module frame* with an integrated gasket and bursting membrane; it can be supplied for standard or removable insulation.

Safety with lower lifetime costs

DRIVENT® 2.0 is ATEX, EHEDG and 3-A certified (pending) to comply with all current hygiene and safety regulations. Easy fitting, simple maintenance, instant availability and extended operating lifetime significantly reduces TCO (Total Cost of Ownership).

The Viton® gasket offers improved resistance to CIP chemicals and is colored blue for easy detection and to help avoid product contamination.

Key features of the new DRIVENT® 2.0

New EHEDG certification

Precautionary replacement recommended only after five years

Increase of vent area by 4%

Viton® gasket in blue color for easy detection

Easy to clean with better resistance to CIP chemicals

Easier to install, inspect and replace panels

New vent panel can be retrofitted to existing plants

Increase of operating temperature up to 200 °C

Can be installed in the workshop or on-site

Available from stock

* The single module can be installed in a wide or high position. The double module can only be installed in an upright position to avoid a large plane surface in the round chamber.

New build or retrofit

The new DRIVENT® 2.0 high performance, explosion vents are compatible with all existing GEA spray dryers. They can be fitted as part of a new installation or retrofit to GEA spray dryers as part of a planned upgrade.

The DRIVENT® 2.0 is suitable for workshop or on-site installation and is available from stock.

Technical specifications for explosion vents:

Size	792×892
Materials of Construction	
Wetted parts:	1.4404 (316L SST)
Non-wetted parts:	1.4301 (304 SST)
Membrane:	1.4404 (316L SST)
Seal:	FKM (VITON)
Burst Pressure Range	100 ±15mbar at 90°C (115 ±17mbar at 22°C)
Burst Pressure Tolerance	(115 ±17mbar at 22°C)
Operating Pressure Range	±50mbar at 90°C
Operating Temperature Range	-15°C up to 200°C continuous
Relief Area	0.706m ²
Process Connections	EHEDG & 3A compatible process connection
Explosion Hazard	
Kst	390bar.m/s
Pmax	12barg
Pred	Max. 1.02barg



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