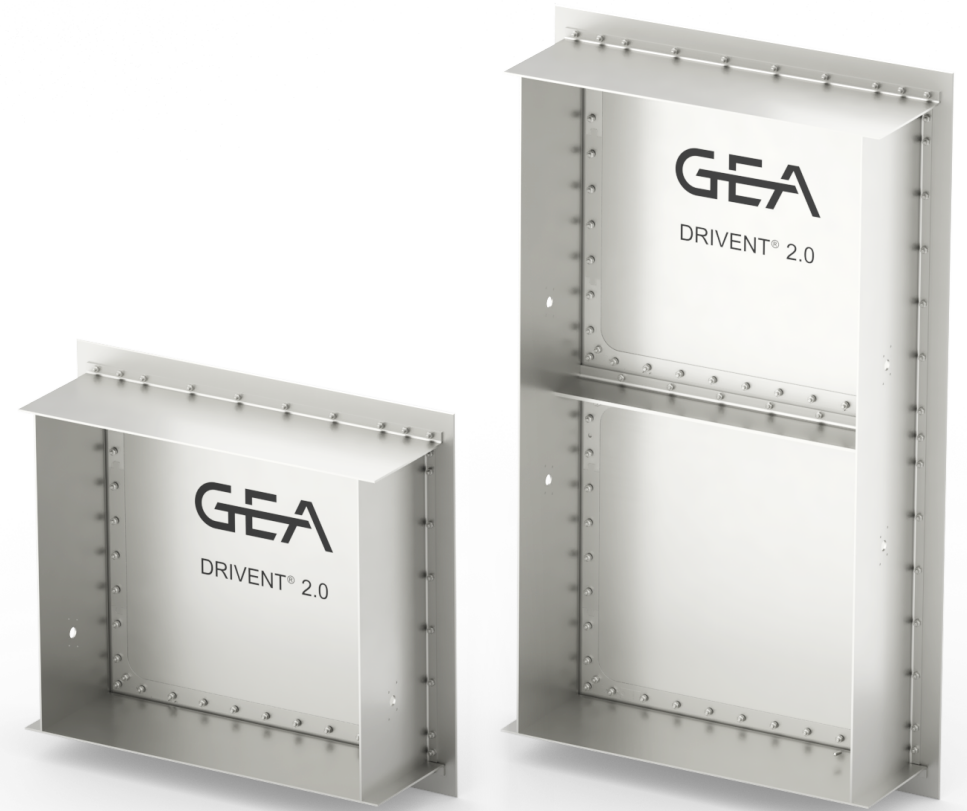


GEA DRIVENT® 2.0

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 ±15mbarg 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	0.706m2
Process Connections	EHEDG & 3A compatible process connection
Explosion Hazard	
Kst	390bar.m/s
Pmax	12barg
Pred	Max. 1.02barg



GEA Process Engineering A/S

Gladsaxevej 305
2860 Soeborg, Denmark

Tel +45 39 54 54 54
gea.com/contact