

KASTORM & KASTORM ATEX

Medium pressure of simple aspiration and direct coupling. robust, compact and cubic ATEX

MEDIUM PRESSURE & ATEX



Medium pressure & ATEX

KASTORM



◦ Manufacturing features

- Reinforced cubic housing made of carbon laminated steel, protected against corrosion by powder coating of RAL 5010 polyester resin. C3 finish.
- Self-cleaning turbine and reinforced impeller of high-performance backward blades made of carbon laminated steel dynamically balanced to minimize noise and vibrations. Painted black RAL 9005.
- Standardized asynchronous squirrel cage motor with IP-55 protection and class F electrical isolation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Motor with flange (B5) and waterproof shaft.
- Maximum continuous working temperature: transported air: 130°C, ambient: 60°C.
- Welded Cubic Housing
- Available positions (to be indicated in case of order, to maintain the connection box on the top): LG270, LG0, LG90, LG180. RD 270, RD0, RD90, RD180.
- The indicated codes correspond to the model in position LG270.

◦ Applications

Suitable for moving clean or dusty air. Designed to be installed in conduit for suction or impulsion.

- Paint booths.
- Dust Collection.
- Food industry dryers.
- Food processing.
- Incineration.
- Odor control in industry.
- Indoor / outdoor pollution control.

- Big buildings.
- Malls.
- Factories / Industrial buildings.
- Warehouses.
- Smoke extraction.
- Boilers and ovens.
- Manufacture and treatment of chemical products.
- Tunnels, underground stations.

◦ Under request

- Fans for special voltages.
- 2 speed motor.
- 6-pole motor.
- C4-C5 paint finish.
- Hot dip galvanized.
- Inox 304 (normal or electropolished finish).
- Inox 316 (normal or electropolished finish).
- Refrigeration roll.
- Anti-caloric paint.
- Fully welded housing (waterproof).
- Inspection door for easy maintenance and cleaning.
- Sewer system.
- Spark air passage and standardt motor.
- Other motor brands.








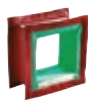





◦ Range



KASTORM



Accessories

	INT Safety switch.		SFC Frequency speed controller.		AB Acoustic cabins for centrifugal fan.		AC Connection flange.
	AVR Anti-vibration rubber block.		AVS Anti-vibration spring block.		BADS Circular-circular anti-vibration flange for STORM.		BIDS Rectangular-rectangular anti-vibration flange for STORM.
	CPS Outlet bend for STORM fans.		EIS Outlet flange for STORM models.		JE 45 Anti-vibration joint.		RA Inlet protection guard for centrifugal fans.
	RIS Outlet protection guard for storm fans.						

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- Standardized asynchronous squirrel cage motor with IP-55 protection and class F electrical isolation. Standard voltages 230/400V 50Hz for three-phase motors up to 4kW and 400/690V 50Hz for higher powers.
- Motor with flange (B5) and waterproof shaft.
- Welded Cubic Housing .
- Working temperature: ambient from -20°C to 40°C, transported air according to the ATEX classification.
- Available positions (to be indicated in case of order, to maintain the connection box on the top): LG270, LG0, LG90, LG180. RD 270, RD0, RD90, RD180.
- The indicated codes correspond to the model in position LG270.

- Incineration.
- Odor control in industry.
- Indoor / outdoor pollution control.
- Big buildings.
- Malls.
- Factories / Industrial buildings.
- Warehouses.
- Smoke extraction.
- Boilers and ovens.
- Manufacture and treatment of chemical products.
- Tunnels, underground stations.

For explosive environments, both gaseous (Zone 1 and 2) and dusty (Zone 21 and 22).

• Applications

Suitable for moving clean or dusty air. Designed to be installed in conduit for suction or impulsion.

- Paint booths.
- Dust Collection.
- Food industry dryers.
- Food processing.

• Under request














- Fans for special voltages.
- 2 speed motor.
- 6-pole motor.
- Inox 304 (normal or electropolished finish).
- Inox 316 (normal or electropolished finish).
- Inspection door for easy maintenance and cleaning.
- Sewer system.

• Range





Accessories

	<p>INT ATEX ATEX switch.</p>		<p>SFC Frequency speed controller.</p>		<p>AB Acoustic cabins for centrifugal fan.</p>		<p>AC Connection flange.</p>
	<p>AVR Anti-vibration rubber block.</p>		<p>AVS Anti-vibration spring block.</p>		<p>BADS ATEX Circular-circular coupling flange ATEX for STORM.</p>		<p>BIDS ATEX Rectangular-rectangular coupling flange ATEX for STORM.</p>
	<p>CPS Outlet bend for STORM fans.</p>		<p>EIS Outlet flange for STORM models.</p>		<p>JE 45 Anti-vibration joint.</p>		<p>RA Inlet protection guard for centrifugal fans.</p>
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VORTICE GROUP COMPANIES

VORTICE S.P.A

Strada Cerca, 2
Frazione di Zoate
20067 Tribiano
(Milan) Italy
Tel. (+39) 02 906991
Fax (+39) 02 90699625
vortice.com

VORTICE LIMITED

Beeches House-Eastern
Avenue Burton upon Trent
DE13 0BB United Kingdom
Tel. (+44) 1283 492949
Fax (+44) 1283 544121
vortice.ltd.uk

VORTICE INDUSTRIAL S.R.L.

Via B. Brugnoli 3,
37063 Isola della Scala
(Verona) Italy
Tel. (+39) 045 6631042
Fax (+39) 045 6631039
vorticeindustrial.com

CASALS VENTILACIÓN AIR INDUSTRIAL S.L.

Ctra. Camprodon, s/n 17860
Sant Joan de les
Abadesses
(Girona) Spain
Tel. (+34) 972720150
casals.com

VORTICE LATAM S.A.

Bodega #6
Zona Franca Este Alajuela,
Alajuela 20101
Costa Rica
Tel. (+506) 2201 6934
vortice-latam.com

VORTICE VENTILATION SYSTEM

(Changzhou) Co.LTD
No. 388 West Huanghe Road
Building 19, Changzhou
Post Code: 213000 China
Tel. (+86) 0519 88990150
Fax (+86) 0519 88990151
vortice-china.com

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