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vortex range

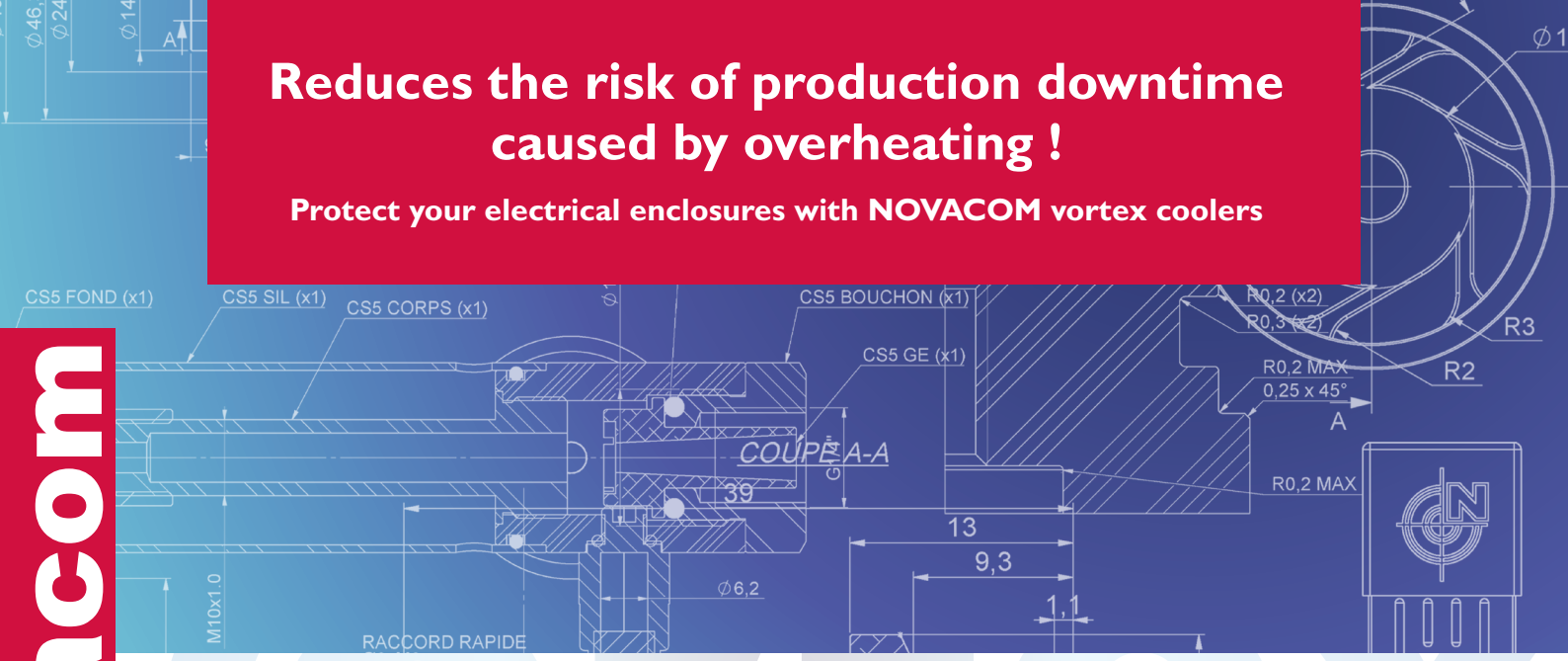
down to -40°C

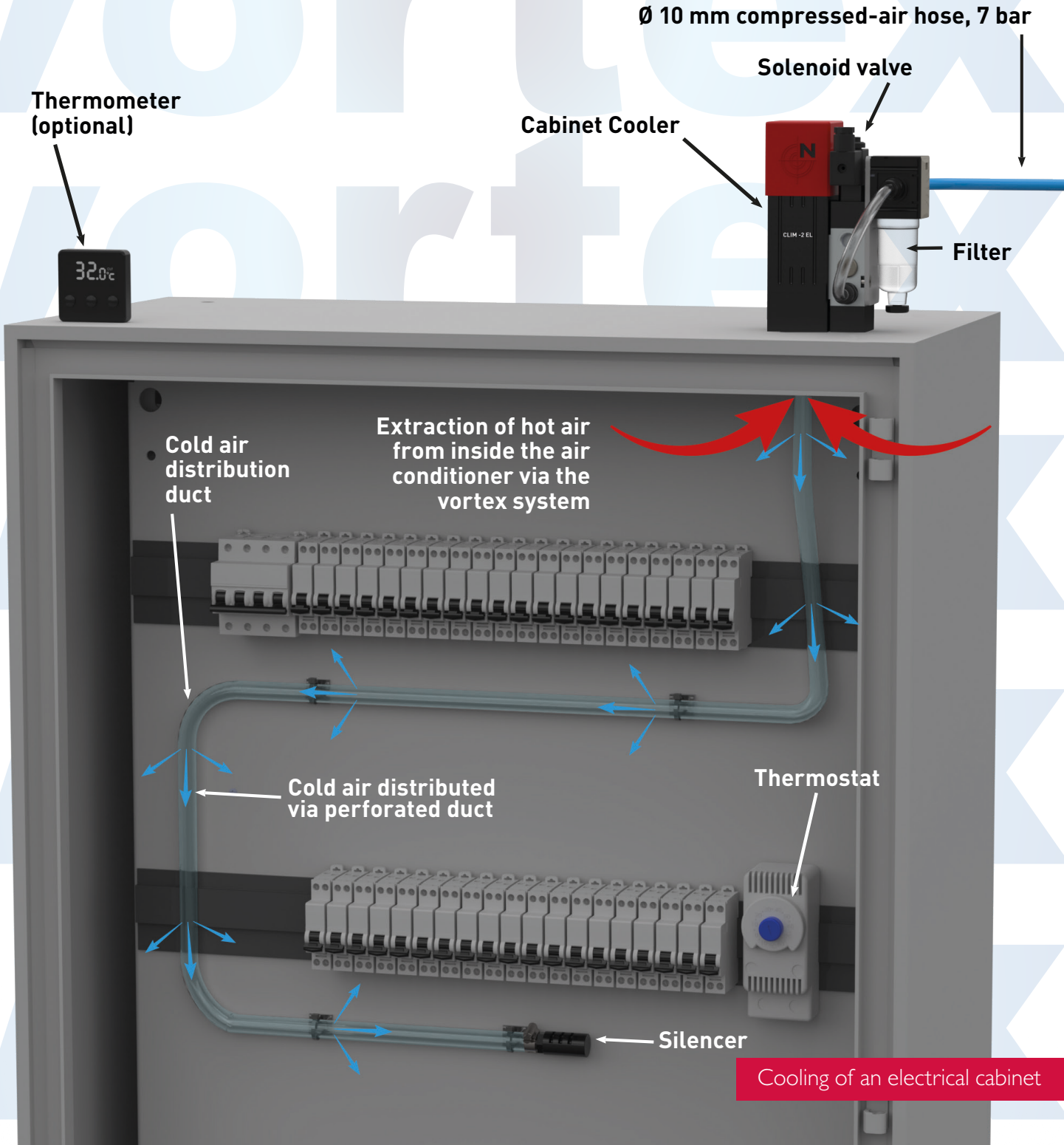
Temperature delta up to -40°C at the generator compared with the compressed air temperature.

Reduces the risk of production downtime caused by overheating !

Protect your electrical enclosures with NOVACOM vortex coolers

novacom





Cooling of an electrical cabinet

clim & clim-2 EL



In industrial environments, electrical cabinets are **often exposed to rising temperatures**, which **can lead to overheating of their internal components**. This may result in malfunctions or even equipment failure. A **vortex-effect cooler** helps prevent such issues by **regulating the internal temperature of the enclosure**.

Additionally, **this type of cooler creates a slight overpressure inside the cabinet**, which helps prevent dust ingress and contamination.

These coolers are designed for electrical enclosures with **a maximum volume of approximately 2 cubic meters**, depending on the vortex generator selected. They provide an effective solution for a wide range of applications.

- Installation simple
- No maintenance and removable parts
- Reliable, resistant and sturdy

Ref.	Connection (gas)	Generators	Cooling capacity		Consumed air at 7 bars (l/min)	Cabinet size (m)	Operating pressure range (Bar)	Weight (g)	Materials
			(Kcal/h)*	(BTU/h)					
CLIM 500 / CLIM EL 500 / CLIM-2 EL 500	G1/4"	GEA 10R	95	376,99	430	0,5 x 0,6 x 0,2	6 to 7	Clim / Clim EL : 1085 Clim-2 EL : 1593	Clim / Clim EL : Stainless steel Clim-2 EL : Aluminium
CLIM 900 / CLIM EL 900 / CLIM-2 EL 900	G1/4"	GEA 15R	135	535,72	495	0,8 x 0,6 x 0,2			
CLIM 1500 / CLIM EL 1500 / CLIM-2 EL 1500	G1/4"	GEA 25R	440	1746,06	597	1,0 x 1,0 x 0,4			
CLIM 2500 / CLIM EL 2500 / CLIM-2 EL 2500	G1/4"	GEA 35R	720	2857,19	786	1,8 x 1,8 x 0,6			



vortex range

NOVACOM **develops and designs** equipment in France that operates using **the Vortex effect**, a phenomenon derived from fluid mechanics.
Powered by compressed air, our Vortex solutions provide **precise climate control and cooling for a wide range of industrial applications**.

By leveraging the Vortex effect, our products ensure rapid **cooling and reliable performance**, even in the most **demanding environments**.

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Scan here to get all the technical sheets for the Vortex range.

vortex tubes

Vortex tubes are an innovative source of cold air, **operating on compressed air and offering mobility thanks to their magnetic bases**.They are used for cooling small areas or small volumes. They can also be connected directly to a duct for remote cold air delivery.

They can also be connected directly to a duct for the distribution of cool air to remote areas.
- No maintenance and removable parts
- No sparks or interferences
- Reliable, resistant and sturdy
- Easy to install

- Instant on/off functionality and simple control



cold air guns

Cold air guns provide a **localized and precise cold air source**, also benefiting from mobility thanks to **their magnetic bases**. You can equip cold air guns with custom designed flexible arms to meet your specific needs.

These articulated arms are made **of independent ball-joint segments**, allowing a high degree of movement flexibility, and are fitted with threaded connectors to ensure secure attachment.
- Simple connection
- No maintenance and removible parts

- Lightweight solution
- Magnetic base and generators provided



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Ref.	Connection (gas)	Generators	Consumed air at 7 bar (l/min)	Cooling capacity		Operating pressure (bar)	Material
				(Kcal/h)*	(BTU/h)		
CS15 R* TV10 R	G1/4"	GEA 10R	430	95	376,99	7	Stainless steel
CS15 R* TV15 R		GEA 15R	495	135	535,72		Stainless steel
CS15 YR* TV25 R		GEA 25R	597	440	1746,06		Stainless steel
CS15 YR* TV35 R		GEA 35R	786	720	2857,19		Stainless steel

* The CS15 R – YR models come with 4 generators

Find us on : in YouTube

up to -40°C