



Centrifugal gas cooler

KGR: V-shaped gas coolers with centrifugal fans for indoor use

Cooling capacity from 25 kW to 560 kW



Air
Condensed



Indoor
installation



Floating pack
system



EC fans



V shape
coils



High efficiency



Natural
Refrigerant

ENEX's V-shaped gas coolers with centrifugal fans for indoor use are suitable for application in highly sustainable R744 transcritical systems when the gas cooler must be located in the plant room. The centrifugal fans provide adequate external static pressure to install a duct on the air discharge. Available in a wide range of capacities to exactly match system requirements.

FEATURES

- **Finned coil:** Built with grooved K65 copper tubes and corrugated aluminium fins. Designed with 'Floating pack system', which allows the coil to levitate to avoid leaks
- **Headers:** Stainless steel + K65
- **Fans:** Equipped as standard with EC fan motors. Radial / centrifugal fans (380-480V III 50/60Hz) Compliant with ErP Directive Ø 400, 630 mm. Up to 200 Pa external static pressure
- **Casing:** galvanised steel painted with epoxy-polyester, and then baked and cured at 180°C giving it a high protection against corrosion even in extreme environmental conditions
- **Design pressure: PS=130bar PT=186bar**

OPTIONS

FIN MATERIAL

- Copper Fins
- Coated Fins

CASING

- Painted
- Excessive Pressure Dampers

ELECTRICAL OPTIONS

- Switch on/off

OTHER

- Blygold
- Acoustic Isolation

APPLICATION



Food retail



Food storage



Food processing



Ice rink



Winery & Brewery