



Mistral CDU

Single temperature range unit

Mistral CDU is a mid-size, weather-protected single temperature range unit (refrigeration, freezer, air conditioner or heat pump) with integrated gas cooler/condenser. Mistral CDU units configured for refrigeration, freezer or air conditioning can easily be upgraded with a heat exchanger on the warm side. This outdoor unit saves indoor space and often results in easier installation, with less need for piping.

TECHNICAL SPECIFICATIONS

- Single temperature range
- Outdoor unit
- Integrated gas cooler/condenser
- Sound pressure level 34 dB(A) to 55 dB(A) 10 m (depending on max. gas cooler capacity)
- Cooling capacities for high temperature (HT) (+5/+30°C ambient temperature) from 26 to 111 kW
- Cooling capacities for medium temperature (MT) (-8/+30°C ambient temperature) from 21 to 97 kW
- Cooling capacities for low temperature (LT) (-30/+30°C ambient temperature) from 1.3 to 13 kW

ADVANTAGES

- “Plug-and-play” installation
- Outdoor unit saving indoor space
- Monitoring and web server included
- COP alarm included

OPTIONAL

- Heat exchanger on the warm side for heat recovery
- Liquid-cooled evaporator on HT/MT/LT-side
- Communication with other monitoring systems: Danfoss, Carel, Wurm, RDM, Modbus etc.

APPLICATIONS

- Commercial refrigeration
- Industrial refrigeration
- Air conditioning
- Heat pumps

Suitable applications include supermarkets, food industry, process industry, data centres and public buildings in all climate conditions, refrigeration/freezer and heat pump applications.

