



# Crystal CCU

## Double temperature range, small-size condensing unit

Crystal CCU is a small-size, weather protected, double temperature range unit (refrigeration and freezer) with integrated gas cooler/condenser. Crystal CCU units can easily be upgraded with heat exchanger on the warm side. This out door unit saves indoor space and often results in easier installation, with less need for piping.

### TECHNICAL SPECIFICATIONS

- Double temperature range
- Outdoor unit
- Integrated gas cooler/condenser
- Medium and low temperatures
- Gas cooler capacity/Sound pressure (10 m):  
36 kW/38 db(A), 45 kW/45 db(A) (+30°C ambient)
- Cooling capacity for medium temperature  
(-8/30°C ambient): from 3,36 kW to 15,1 kW
- Cooling capacity for low temperature  
(-30/30°C ambient): from 0,61 kW to 6,27 kW

### ADVANTAGES

- “Plug-and-play” installation
- COP alarm and Web server
- Communication with other monitoring systems:  
Danfoss, Carel, Wurm, RDM etc.

### OPTIONAL

- Heat exchanger on the warm side for heat recovery
- Liquid cooled evaporator MT/LT-side
- Liquid cooled gas cooler (instead of air cooled gas cooler)
- Communication with other monitoring systems:  
Danfoss, Carel, Wurm, RDM etc.

### APPLICATIONS

- Commercial refrigeration
- Industrial refrigeration
- Air conditioning
- Suitable for small-size applications for convenient stores, supermarkets, gasoline stations, restaurants & catering, hotels, hospitals and industry (e.g. pharmaceutical industry)