



F27



F31 - F35



FHC

### Benefits

- Extremely high efficiency of heat transfer.
- Extremely low internal volume of the circuit.
- Low noise level and energy consumption.
- Reduced dehumidification of the cold room.
- Reduced frost formation.
- Long air throw.
- Greatly reduced footprint.
- Two-year product guarantee

### General information & application

FHC is the range of commercial unit coolers from LU-VE Exchangers, designed for optimal conservation of fresh and frozen goods.

Refrigerants



Capacity range (SC2 with R404)

1,450 up to 27,500 W

Air quantity

900 up to 10,400 m<sup>3</sup>/h

### Coil

The very high-efficiency TURBOCOIL® heat exchangers have the best power/cost ratio obtainable.

- High-efficiency TURBOFIN® aluminum fins with special configuration of the louvre profile to reduce dehumidification and frost formation.
- High-efficiency small-diameter copper tubes with internal helical grooving, designed for optimal evaporation of the new refrigerant fluids.

Standard fin spacings 4.5, 6 and 7 mm.

### Casing

Corrosion-resistant galvanized steel casing with epoxy-polyester powder coating RAL 9003. Dismountable and openable casing for cleaning and inspecting purposes.

### Fan motors

1 to 4 fans fitted with high-efficiency AC or EC fan motors with incorporated thermal protection. Available in 3 fan diameters (275, 315 and 350 mm) drawing through the coil. Motors with external rotor for F31 and F35 models. Power supply 230/1/50-60. Fan motors are wired to a central connection box.

### JET STREAMER®

LU-VE patented the JETSTREAMER® directional grill.

The innovative design of its profile provides:

- Uniform distribution of airflow through the coil.
- Significant increase in air quantity, both with frostfree coil (+4 to +9%) and with frost on the coil (+7 to +15%).

The improvement in air quantity during the frosting stage guarantees superior capacity and +25% air throw.

