

Condensing Unit
Danfoss Micro-channel Series



Features

The whole unit thickened galvanized steel plate and sprayed plastic, effectively reducing resonance and improving the overall strength.

Front panel and fans are easy to maintain and replace.

The inside cabinet is covered with silencing cotton to effectively reduce noise.

The bottom forklift beam prevents the forklift from rubbing against the bottom plate.

A filter screen can be installed in the condenser protective net.

Configured with Danfoss micro-channel condenser consist of newly developed LLA9153 long lasting alloy



Equipped with Danfoss Scroll MLZ and LLZ series compressors, they are purpose-engineered for applications in refrigeration with respectively medium and low temperatures. They suit all operating conditions in different cooling systems.



Equipped with Danfoss original components (liquid receiver, filter drier, pressure switch, solenoid valve, sight glass, etc.) to ensure quality and longer service life.



The micro-pass flat pipe can achieve large heat exchange area and higher heat exchange efficiency, LLA9153 alloy ensures no electrochemical corrosion of copper-aluminum interfaces.



Double layer condenser screen, outer mesh protects the internal stainless steel wire mesh from being torn or deformed by external impact. The internal stainless steel mesh insulates the fin gap blocked by catkins and dust particles.



Optional: hot gas defrosting system. Thermal fluorinated frost technology uses the waste heat of the refrigeration system itself to defrost, can save 15-20% of the electricity compared with electric heating defrost system.



Optional: electronic control system. Electronic control system with cold storage control board and touch screen.

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High Temperature Application -10°C / +10°C

Table with 12 columns: Model, Compressor Model, HP, Cooling Capacity, Condenser Fan Fan dia. mm, Qty, Speed r/min, Input power W, Dimensions Blade series, Hammer series, Inlet, Outlet, Net weight kg. Rows include models DCH-2H to DCH-10H.

(1) Evaporation temperature -10°C, Condensation temperature 45°C, superheat 10K.

Medium Temperature Application -25°C / -5°C

Table with 12 columns: Model, Compressor Model, HP, Cooling Capacity, Condenser Fan Fan dia. mm, Qty, Speed r/min, Input power W, Dimensions Blade series, Hammer series, Inlet, Outlet, Net weight kg. Rows include models DCH-2M to DCH-10M.

(1) Evaporation temperature -28°C, Condensation temperature 45°C, superheat 10K, with spray cooling.

Low Temperature Application -40°C / -20°C

Table with 12 columns: Model, Compressor Model, HP, Cooling Capacity, Condenser Fan Fan dia. mm, Qty, Speed r/min, Input power W, Dimensions Blade series, Hammer series, Inlet, Outlet, Net weight kg. Rows include models DCH-4L to DCH-10L.

(1) Evaporation temperature -33°C, Condensation temperature 45°C, superheat 10K. (2) Net weight does not include plate heat exchanger.

Dimensions

