



## PRODUCT DATA SHEET

# DUCT COIL WITH ROUND CONNECTION TYPE CH-W, CC-W & CC-E

### SOLUTIONS TAILORED FOR YOU

We can assist you with coils featuring pipe dimensions ranging from  $\varnothing 5$  mm up to  $\varnothing 21$  mm, utilizing combinations of geometries, fins, and materials that optimize the outcome for your operational scenario.

A good choice of coils always starts with a good dialogue. We listen attentively and present solutions that match both your requirements and those made by the authorities.

With over fifty years of experience, we identify coils with the right quality, lifespan, and cost-effectiveness.

### CALCULATE COILS YOURSELF

Use AC MasterSelection, which is our proprietary calculation program.

Register as a user  
[aircoil.se/en/calculation-program](https://aircoil.se/en/calculation-program)



# DUCT COIL

## CH-W, CC-W, CC-E

AIRCOIL DUCT COIL WITH A ROUND CONNECTION ,  
FOR HEATING OR COOLING OF AIR

Available as standard in dimensions from Ø100 to 630 mm.  
Fully encased model with headers and tube bends within the casing.

Easily removable inspection hatch to provide easy access to both sides  
of the fin pack.

Standard configuration with copper tubes, aluminum fins, and a casing  
made of hot-dip galvanized steel sheet. The cooling coils come with a drip  
tray in stainless steel.



THE COILS ARE AVAILABLE IN THREE CONFIGURATIONS.



**TYPE CH-W**

For heating air with water.



**TYPE CC-W**

For cooling air with water.



**TYPE CC-E**

For cooling air via a cooling medium.

### CONSTRUCTION DATA

MAX. WORKING PRESSURE	16 BAR
MAX. WORKING TEMPERATURE	110°C
SPIRO COILS	AIR TIGHTNESS CLASS C

Evaporators CC-E is built and tested in accordance with the applicable  
requirements for the cooling medium and design pressure chosen.



Duct coils for water feature plugged outlets for venting and draining,  
sized at 1/8". The evaporators are internally dried, filled with protective  
gas, and sealed. The connection dimensions are stated in the  
technical calculation.

The coils are labelled to indicate the supply and return tubes. Duct  
coils are delivered as standard for horizontal airflow. These coils are  
supplied labelled in accordance with the AMA VVS & KYL 16 standard.  
Installation instructions for connecting the coil and the drip tray are  
supplied with the coils.

Duct heater type CH-W has a construction depth of 350 mm-500  
mm, depending on the number of tube rows.

Duct coolers CC-W and CC-E have a construction depth of 500 mm.