

CONTACT INFORMATION

First name

Last name

Company

Role

Country

Phone

Email

Project description

1. UNIT LOCATION

Indoors (technical room)

Outdoors (roof)

2. SPECIAL AHU VERSIONS NEEDED

Hygienic version

ATEX version

No special version needed

3. MATERIAL OF INTERNAL AND EXTERNAL PANELS

Internal panels

Galvanized steel

Coated galvanized steel

Aluminium

AISI 304L

AISI 316L

RAL

External panels

Galvanized steel

Coated galvanized steel

Aluminium

AISI 304L

AISI 316L

RAL

4. TYPE AND THICKNESS OF CASING

P3 = 30 mm thickness

P5 = 50 mm thickness

P5E = 50 mm thickness + thermal break

5. MATERIAL OF INSULATION

Mineral wool 75 kg/m³ (standard)

Mineral wool 100 kg/m³

Mineral wool 150 kg/m³

6. UNIT'S MAX. DIMENSIONS (IF ANY)

Length [mm]

Width [mm]

Height [mm]

7. NEEDED AIR PATHS

Supply only

Extract only

Both supply and extract (combined unit)

8. UNIT ARRANGEMENT (IN CASE OF A COMBINED UNIT)

Stacked

Side-by-side

In-line

9. WHICH AIR TREATMENTS ARE NEEDED?

Filtering

Supply filter stage 1

Supply filter stage 2

Supply filter stage 3

Extract filter

Comments:

Heating

TYPE OF COIL:

LTHW (Low Temperature Hot Water)

Water

Water / glycol mixture [%]

Propylenglycol

Ethylenglycol

Flow / Return temperature: / [°C]

Condenser

Type of refrigerant:

Electric heater

COIL MATERIAL:

Fins

Tubes

Frames

Other special treatments:

Cooling

TYPE OF COIL:

CHW (Chilled water)

Water

Water / glycol mixture

[%]

Propylenglycol

Ethylenglycol

Flow / Return temperature:

/

[°C]

DX Evaporator

Type of refrigerant:

COIL MATERIAL:

Fins

Tubes

Frames

Other special treatments:

Humidification

TYPE OF HUMIDIFIER:

Electrical steam

Immersion version

Resistance version

Gas steam

Adiabatic

Dehumidification

Heat recovery

TYPE OF HEAT RECOVERY SYSTEM:

Heat wheel

Plate heat exchanger

Run-around coil system

Heat pump

Min. Efficiency: [%]

10. DESIGN AIR FLOW RATES

Supply air flow rate	[m ³ /h]	External static pressure:	[Pa]
Extract air flow rate	[m ³ /h]	External static pressure:	[Pa]
Recirculation air flow rate	[m ³ /h]		

11. DESIGN AIR CONDITIONS

Outside air Temperature / Humidity	/	[°C / %RH]
Supply air Temperature / Humidity	/	[°C / %RH]
Extract air Temperature / humidity	/	[°C / %RH]

12. FAN SPECIFICATIONS

Plug fans

AC motors excl. frequency converters (by others)

AC motors incl. frequency converters

EC motors

Belt-driven fans

Min. SFPv value: [W/m³/s]

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