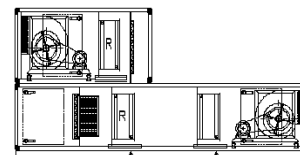
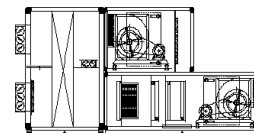
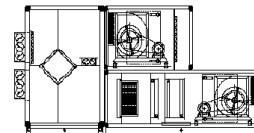
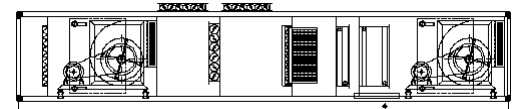
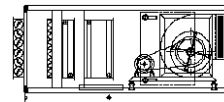


MODULE FOR AHU SELECTION REQUEST

For a correct and complete request for selection for one air-handling unit, we kindly ask you to fill in all the necessary fields and send your request to your TCF contact person, together with your company and contact details.

1. AHU CONFIGURATION

- unit in line, supply only*
- unit in line, supply and exhaust with mixing box*
- unit with cross-flow heat recovery unit*
- unit with rotary wheel*
- unit with recovery coils*



2. AHU EXECUTION:

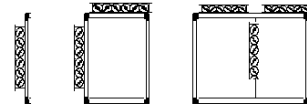
- horizontal execution*
- vertical or double-deck execution*



3. THERMO-HYGROMETRIC DATA

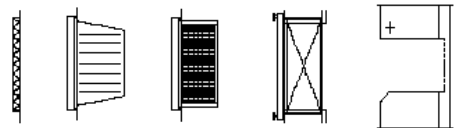
- ♦ *air volume :* _____ m³/h
- ♦ *external air temperature (winter):* _____ °C
- ♦ *external air humidity (winter):* _____ %
- ♦ *room air temperature (winter):* _____ °C
- ♦ *room air humidity (winter):* _____ %
- ♦ *external air temperature (summer):* _____ °C
- ♦ *external air humidity (summer):* _____ %
- ♦ *room air temperature (summer):* _____ °C
- ♦ *room air humidity (summer):* _____ %

4. DAMPERS



- air damper/s aria (indicate the position):* _____
- 2-ways mixing box*
- 3-ways mixing box*
- with actuator/s (if so, indicate on/off or modulating):* _____

5. FILTERS



- ♦ *type of filters in supply side* _____
- ♦ *type of filters in return side (if present):* _____
- ♦ *accessories (manometers, pressure switches etc.):* _____



6. HEAT EXCHANGERS (fill in all the known fields)

- hot water coil*

| | | |
|---------------------------|------------|--|
| air temperature IN/OUT | ___/___ °C | |
| water temperature IN/OUT: | ___/___ °C | |
| capacity | _____ kW | |

- cold water coil*

| | | |
|---------------------------|------------|--|
| air temperature IN/OUT | ___/___ °C | |
| water temperature IN/OUT: | ___/___ °C | |
| capacity | _____ kW | |

- DX condensing coil*

| | | |
|------------------------|------------|--|
| air temperature IN/OUT | ___/___ °C | |
| condensing temperature | ___ °C | |
| capacity | _____ kW | |

- DX evaporator*

| | | |
|-------------------------|------------|--|
| air temperature IN/OUT | ___/___ °C | |
| evaporating temperature | ___ °C | |
| condensing temperature | ___ °C | |
| refrigerant | _____ | |
| capacity | _____ kW | |

- electric battery*

| | | |
|------------------------|------------|--|
| air temperature IN/OUT | ___/___ °C | |
| number of stages | _____ | |
| capacity | _____ kW | |

♦ *accessories (flanges, anti-freeze sensor etc..):* _____

7. HUMIDIFICATION

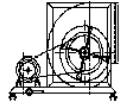
♦ *Type of humidifier:* _____



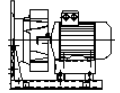
8. FANS

♦ *type of fans:*

belt-driven centrifugal



direct-driven plug fan



EC with brushless motor



♦ *static available pressure (supply)* _____ Pa

♦ *static available pressure (exhaust if present)* _____ Pa

♦ *accessories (inverters, light, flow switches etc.):* _____

9. CONTROLS

air-handling unit WITH controls

air-handling unit WITHOUT controls

♦ *remarks:* _____



10. INDOOR/OUTDOOR EXECUTION

indoor installation

weatherproof outdoor installation (with protection roof)

11. REMARKS