

## TECHNICAL SHEET FOX CASE

### USAGE:

Flooring convectors FOX SILENT are made for heating interiors. Most often they are installing in administrative and commercial buildings in front of large glass walls and in family houses in indoor gardens and in front of french windows. It is made to build in to the floor under windowsill. It is made for dry environs.



### TECHNICAL DESCRIPTION:

1. Bench convector is always made to order.
2. **Rounded tinny shield is wrapping twopipes exchanger FOXIS 18 . It coul be hotwater or electric model.**
3. Installation is dry and clean.
4. Uper cover grill is removable with good access to regulation valve or to control 12V ventilator set-
5. Models with ventilator CASE-Q – ventilator 12V- input 5W/bm, automatic inner regulation.

### NAME:

-Bench convector FOX CASE with natural convection

Technical term:

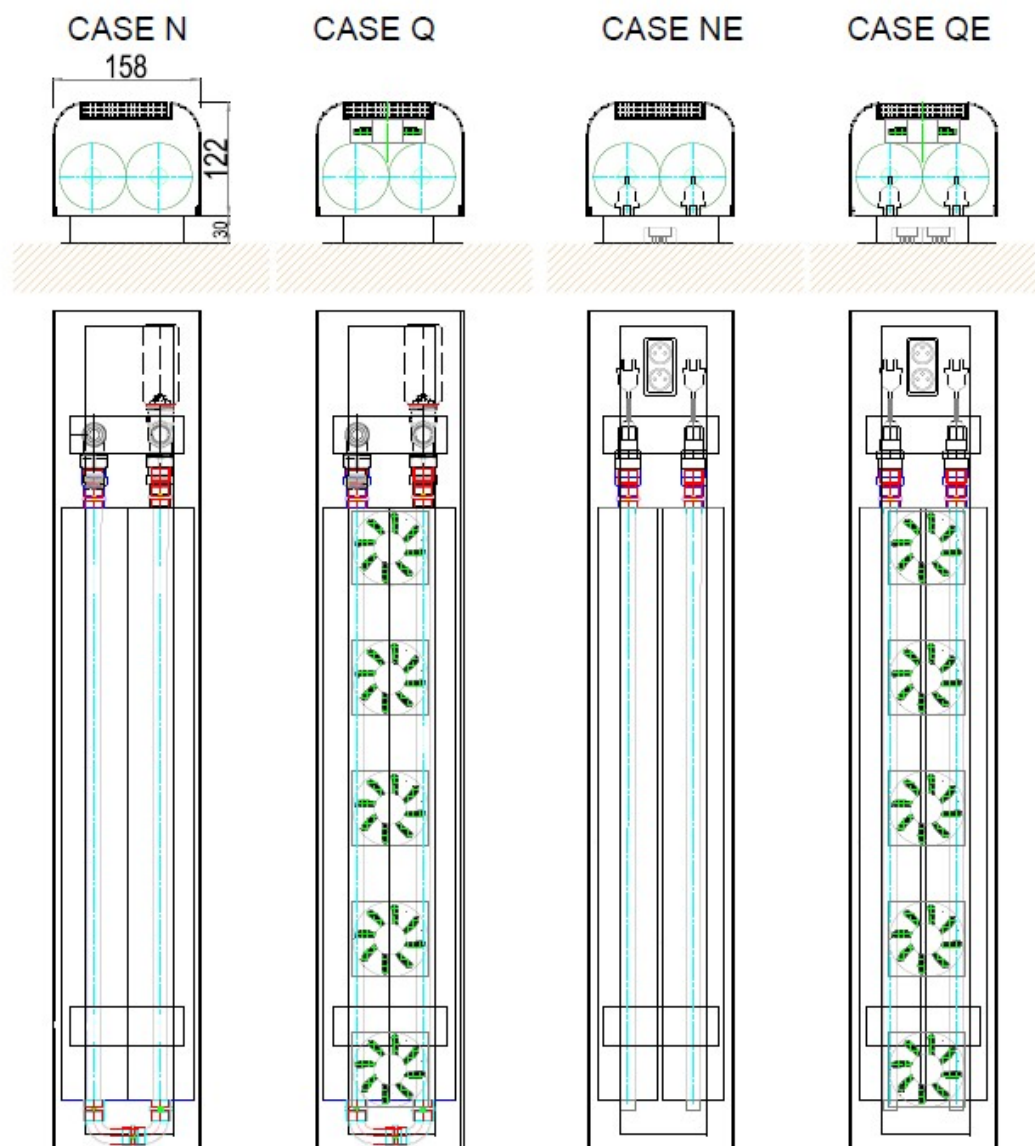
- FCA-N** (natural convection) -heat line exchanger
- FCA-Q** (forced convection-ventilator)-heat line exchanger
- FCA-NE** (natural convection)-electric exchanger
- FCA-QE** (forced convection-ventilator)-electric exchanger

### DESIGN AND ORDER CODE:

FCA-N-TYPE OF EXCHANGER-HEIGHT-LENGTH-WIDTH

**FCA-N-218-152-2100-158**

(Bench convector FOX CASE with natural convection with twopipes exchanger type 18-height of modela under the floor is 152mm-totl length is 2100mm- total width is 158mm).



**FOX CASE connection to pipes**



## OPERATING CONDITIONS

### Universal

1. Upper cover grill is just for looking.
2. Standard size is H 120mm, W 158mm, L do 2200mm.
3. Other sizes after consultation.

### Heat line version

1. Maximal operating pressura of heating medium is – 1MPa (10bar).
2. Maximal operating temperature of heating medium is 110 °C.
3. If temperature is lower than +2 °C (e.g. interior is not heated in winter) is necessary to prevent the damage because of freeze of heating unit.
4. Due to amount of modification for finding out of heating power it is used recalculation table, which is freely available on the website [www.energitech.cz](http://www.energitech.cz).

### Electric version

1. Maximal electric input is 400W/bm of exchanger.
2. Every exchanger bar is connected by his own electrical socket.



3. Connection – constructor arrange build of electrical socket 230V in to the floor in future convector.
4. Regulation – suitable connection trough the thermostatic regulated by boost converter.
5. It is necessary to arrange adequate intake and drain of air. The unit has his own safety reciprocating thermostat.

### Preparation for connection of versions NE and QE

For versions NE a QE is within building preparation needed to make a wiring. From house/flat distributor (pic.1) is conducting voltage, protected by circuit breaker, by cable CYKY 3Cx2,5 across the spacial thermostat with boost contact min. 16 A (pic. 2) to the plug, where heat unit is connecting (pic.4). In the QE version is necessary one more plug (pic. 5) with permanent voltagess for connection ventilators (pic. 6).

