

# YFTM Fan Coil Unit with tangential fan

2 & 4 pipe system

A complete range from 1.4 kW to 5.3 kW



**FX03 Terminal unit controller**  
BacNET and N2 Metasys network compatible



## Wired controls

**BR**  
Remote three speeds controller

**TR**  
BR + Electronic thermostat and Summer/Winter switch

**ATR**  
Automatic TR



**DTR**  
Digital Automatic Remote controller

**TMO 503 SV2**  
Digital Automatic Remote controller to be mounted in the standard light wall box

**DRC - DI**  
Centralized controller up to 60 terminals



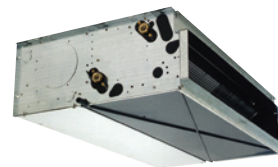
## Infrared control

## Features

- 5 unit sizes, suitable for horizontal/vertical mounting
- Models with or without casing
- Low noise tangential fan
- 4 speed fan (3 speeds pre-wired)
- Single piece discharge grille
- Single coil 3, or 4 rows
- Double coil 3 or 4 rows (cooling) & 1 row (heating)
- Electric heating option
- Suction and delivery plenum option
- Factory fitted valve (on/off or modulating) and controller packages
- Painted back panel option

# YFTM Fan Coil Unit

## 1.4 to 5.3 kW



### Technical features 2 pipes

| YFTM model | Air flow<br>m³/h | Total capacity |              | Pressure drop  |                | Power input<br>W | Pressure level<br>dBA | Dimensions   |             |             |
|------------|------------------|----------------|--------------|----------------|----------------|------------------|-----------------------|--------------|-------------|-------------|
|            |                  | Cooling<br>W   | Heating<br>W | Cooling<br>kPa | Heating<br>kPa |                  |                       | Height<br>mm | Width<br>mm | Depth<br>mm |
| 130        | 300              | 1,4            | 2,1          | 4,6            | 3,7            | 40               | 39                    | 530          | 775         | 225         |
| 230        | 450              | 2,4            | 3,1          | 12,0           | 9,8            | 50               | 38                    | 530          | 990         | 225         |
| 330        | 600              | 3,4            | 4,3          | 13,2           | 11,0           | 65               | 39                    | 530          | 1 205       | 225         |
| 430        | 750              | 4,1            | 5,0          | 19,7           | 16,4           | 80               | 43                    | 530          | 1 205       | 225         |
| 530        | 1 000            | 4,6            | 6,3          | 27,4           | 26,1           | 85               | 46                    | 530          | 1 420       | 225         |
| 140        | 300              | 1,7            | 2,3          | 8,0            | 7,2            | 40               | 39                    | 530          | 775         | 225         |
| 240        | 450              | 2,6            | 3,3          | 9,2            | 7,6            | 50               | 39                    | 530          | 990         | 225         |
| 340        | 600              | 3,7            | 4,7          | 20,1           | 20,8           | 65               | 38                    | 530          | 1 205       | 225         |
| 440        | 750              | 4,5            | 5,6          | 36,6           | 33,4           | 80               | 43                    | 530          | 1 205       | 225         |
| 540        | 1 000            | 5,3            | 6,9          | 20,6           | 17,4           | 85               | 47                    | 530          | 1 420       | 225         |

### Technical features 4 pipes

| YFTM model | Air flow<br>m³/h | Total capacity |              | Pressure drop  |                | Power input<br>W | Pressure level<br>dBA | Dimensions   |             |             |
|------------|------------------|----------------|--------------|----------------|----------------|------------------|-----------------------|--------------|-------------|-------------|
|            |                  | Cooling<br>W   | Heating<br>W | Cooling<br>kPa | Heating<br>kPa |                  |                       | Height<br>mm | Width<br>mm | Depth<br>mm |
| 130-1      | 300              | 1,4            | 1,4          | 5,7            | 2,4            | 40               | 39                    | 530          | 775         | 225         |
| 230-1      | 450              | 2,4            | 2,6          | 14,5           | 8,9            | 50               | 38                    | 530          | 990         | 225         |
| 330-1      | 600              | 3,4            | 3,5          | 13,9           | 3,7            | 65               | 39                    | 530          | 1 205       | 225         |
| 430-1      | 750              | 4,1            | 4,0          | 19,7           | 4,4            | 80               | 45                    | 530          | 1 205       | 225         |
| 530-1      | 1 000            | 4,2            | 4,4          | 20,6           | 5,4            | 85               | 45                    | 530          | 1 420       | 225         |

With fan running at max. speed. Data for the casing models.

COOLING: Room temperature 27°C d.b., 19°C w.b. - Water temperature 7/12 °C

HEATING: Room temperature 20°C - Water inlet temperature: 50°C (for 2 pipes) / Room temperature 20°C - Water inlet temperature: 70/60°C (for 4 pipes)

The capacities are accordingly to the EUROVENT standards and UNI ENV 1397

Sound pressure level in a 100 m2 room, at 1,5 m distance and riverberating time of 0,5 s.

### Options / Accessories

|   | VC mod. - Vertical with casing | HC mod. - Horizontal with casing | CD mod. - Without casing |
|---|--------------------------------|----------------------------------|--------------------------|
| Feets   | ●                              | NA                               | NA                       |
| Auxiliary horizontal condensate collection tray | NA                             | ●                                | ● (High level)           |
| Auxiliary vertical condensate collection tray   | ●                              | NA                               | ● (Low level)            |
| Frontal air intake grille                       | ●                              | NA                               | NA                       |
| Fresh air intake                                | ●                              | NA                               | ●                        |
| Frontal air intake kit                          | NA                             | NA                               | ●                        |
| Painted rear closing panel                      | ●                              | NA                               | NA                       |
| Condensate draining in PVC                      | NA                             | ●                                | ●                        |
| 3 way valves ON/OFF for 2 pipe system           | ●                              | ●                                | ●                        |
| 3 way valves ON/OFF for 4 pipe system           | ●                              | ●                                | ●                        |
| Kit electrical heater                           | ●                              | ●                                | ●                        |
| ON/OFF control, 3 speed                         | ●                              | ●                                | ●                        |
| Thermostat with manual fan speed                | ●                              | ●                                | ●                        |
| Thermostat with automatic fan speed             | ●                              | ●                                | ●                        |
| Minimum temperature thermostat                  | ●                              | ●                                | ●                        |
| Automatic change-over                           | ●                              | ●                                | ●                        |

● = Available    NA = Not available