



HWN WALL EC

FAN COIL
FOR WALL MOUNTING



SOMETHING DIFFERENT

GB



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Very low noise fan coils, equipped with remote control or wall controller.

The HWN series water fan coils adapt with a completely innovative design to environments where design, size and low noise are the main requirements.

EASY CONNECTIONS

CONNECTION TO THE TWO PIPE SYSTEM IS EASY, THANKS TO THE PRE-INSULATED FLEXIBLE HOSES. THE ADJUSTMENT VALVE IS ALSO INTEGRATED IN THE UNIT, READY FOR USE.

BMS COMPATIBLE

POSSIBILITY OF REMOTE CONTROL VIA MODBUS PROTOCOL, ALSO IN COMBINATION WITH ALL THE OTHER AERTESI TERMINAL UNITS. NCU OPTIONAL CONTROL WITH SIMPLIFIED FUNCTIONS, WITH PROVISION FOR CONTROL VIA EXTERNAL COMMANDS. THE CONTROLLERS ARE EASILY INTERCHANGEABLE UPON INSTALLATION OR ORDERING.

QUALITY POINT

HIGH EFFICIENCY HEAT EXCHANGE COIL AND BLUE-FIN TREATMENT. TANGENTIAL FAN WITH BLDC MOTOR. SOPHISTICATED, STYLISH DESIGN ALSO IDEAL FOR THE MOST AESTHETICALLY DEMANDING HOME SETTINGS. HIGH QUALITY OF PLASTIC PARTS: NO DEFORMATION EVEN AT WATER TEMPERATURES UP TO 70°C.

HEALTH AND COMFORT

THE AIR FILTER IS REMOVABLE AND CAN BE SANITIZED TO PREVENT THE SCATTERING OF DUST AND ALLERGENS. ADJUSTABLE AIR FLOW, FOR IMPROVED AIR DELIVERY COMFORT THROUGH A MOTORIZED BAFFLE TO GUARANTEE EFFICIENT DISTRIBUTION OF THE AIR FLOW IN THE ROOM AND PREVENT UNPLEASANT DRAFTS.

MAINTENANCE MADE EASY

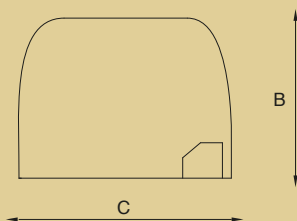
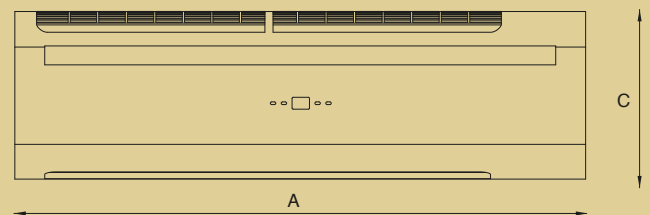
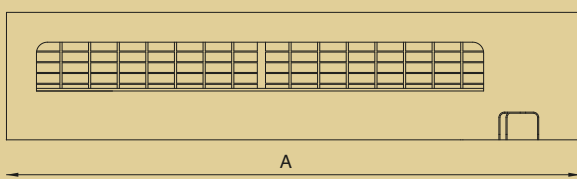
EASY ACCESS TO THE AIR FILTER, FOR REPLACEMENT OR CLEANING AND TO THE EXCHANGE COIL FOR SANITIZATION.

EC MOTOR

| | | 25 | | | 30 | | | 40 | | |
|--|-------|------|------|------|------|------|------|------|------|------|
| | | min | med | max | min | med | max | min | med | max |
| Speed | | | | | | | | | | |
| Air flow | m3/h | 290 | 370 | 500 | 370 | 500 | 645 | 570 | 740 | 788 |
| COOLING - air 27°C dry bulb, 19°C wet bulb - water inlet 7°C, outlet 12°C | | | | | | | | | | |
| Total capacity | kW | 1.42 | 1.62 | 2.10 | 1.86 | 2.47 | 3.01 | 2.66 | 3.26 | 3.71 |
| Sensitive capacity | kW | 1.15 | 1.34 | 1.81 | 1.35 | 1.81 | 2.22 | 1.94 | 2.40 | 2.74 |
| Water flow rate | l/h | 244 | 279 | 361 | 319 | 423 | 517 | 456 | 559 | 638 |
| Δp (water) | kPa | 13.2 | 16.6 | 27.5 | 15.6 | 27.5 | 38.5 | 28 | 40 | 50 |
| HEATING - air 20°C - water inlet 45°C, outlet 40°C | | | | | | | | | | |
| Capacity | kW | 1.69 | 2.07 | 2.65 | 2.07 | 2.65 | 3.25 | 3.12 | 3.86 | 4.06 |
| Water flow rate | l/h | 291 | 356 | 456 | 356 | 456 | 559 | 537 | 664 | 698 |
| Δp (water) | kPa | 12.8 | 17.8 | 29 | 16.5 | 27.6 | 38.9 | 32.1 | 46.4 | 51.5 |
| MOTOR ELECTRIC POWER DRAW | | | | | | | | | | |
| Power draw | W | 8 | 10 | 13 | 10 | 15 | 22 | 13 | 20 | 30 |
| Max power draw | A | 0.11 | | | 0.19 | | | 0.26 | | |
| SOUND DATA | | | | | | | | | | |
| Delivery sound power | dB(A) | 37 | 42 | 49 | 40 | 43 | 54 | 46 | 53 | 58 |
| Delivery sound pressure (*) | dB(A) | 28 | 33 | 40 | 31 | 34 | 45 | 37 | 44 | 49 |

(*) = the sound pressure levels are lower than power levels by 9 dB(A) for a 100 m³ space and a reverberation time of 0.5 sec.

DIMENSIONAL DWGS



| SIZE | A | B | C | WEIGHT Kg |
|-----------|-----|-----|-----|-----------|
| 25 | 875 | 220 | 300 | 13 |
| 30 | 875 | 220 | 300 | 13 |
| 40 | 875 | 220 | 300 | 14 |

A = length mm
B = height mm
C = depth mm

INLET AND OUTLET WATER FITTING: 12.70 (Ø 1/2) MM

HYDRAULIC CONNECTORS: FEMALE TYPE

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