

# Water In-Ceiling

## PRODUCT:

- Ideal for installation in concealed locations such as above ceilings, over closets in hotels, or in apartments.



| Models   |                    |                          | HIW-HIY                      |      |      |   |      |      |       |       |      |       |       |       |  |  |  |
|--|--------------------|--------------------------|------------------------------|------|------|---|------|------|-------|-------|------|-------|-------|-------|--|--|--|
|  |                    |                          | 07                           |      |      | 12  |      |      | 14    |       |      | 25    |       |       |  |  |  |
|  |                    | Fan speed                | HS                           | MS   | LS   | HS  | MS   | LS   | HS    | MS    | LS   | HS    | MS    | LS    |  |  |  |
| Cooling capacity   | Total capacity     | kW                       | 3.60                         | 3.34 | 2.79 | 5.48  | 5.00 | 4.40 | 7.18  | 6.31  | 5.50 | 10.20 | 9.80  | 8.80  |  |  |  |
|  | Water flow         | l/h                      | 545                          |      |      | 817   |      |      | 1,135 |       |      | 1,470 |       |       |  |  |  |
|  | Pressure drop      | kPa                      | 4.2                          |      |      | 11.4  |      |      | 20.6  |       |      | 42.5  |       |       |  |  |  |
| Heating capacity (2 tube)  | Capacity           | kW                       | 4.25                         | 3.54 | 2.86 | 6.36  | 5.35 | 4.24 | 7.77  | 6.79  | 5.62 | 11.42 | 10.75 | 9.36  |  |  |  |
|  | Water flow         | l/h                      | 545                          |      |      | 817   |      |      | 1,135 |       |      | 1,470 |       |       |  |  |  |
|  | Pressure drop      | kPa                      | 4.2                          |      |      | 11  |      |      | 20.6  |       |      | 42.5  |       |       |  |  |  |
| Fan section  | Air flow           | m <sup>3</sup> /h        | 730                          | 560  | 420  | 1,100   | 840  | 670  | 1,400 | 1,100 | 850  | 2,040 | 1,870 | 1,530 |  |  |  |
| Acoustics  | Noise level        | dB(A)                    | 46                           |      |      | 49  |      |      | 54    |       |      | 56    |       |       |  |  |  |
| Electrical characteristics   | Power supply       | V/Ph/Hz                  | 220-240/1/50 or 208-230/1/60 |      |      |   |      |      |       |       |      |       |       |       |  |  |  |
|  |                    | Hz                       | 50                           | 60   | 50   | 60  | 50   | 60   | 50    | 60    |      |       |       |       |  |  |  |
|  | Power input        | W                        | 89                           | 104  | 102  | 140   | 204  | 283  | 234   | 342   |      |       |       |       |  |  |  |
|  | Nominal current    | A                        | 0.42                         | 0.48 | 0.47 | 0.65  | 0.97 | 1.33 | 1.10  | 1.56  |      |       |       |       |  |  |  |
| Controls   |                    | Electronic or Mechanical |                              |      |      |   |      |      |       |       |      |       |       |       |  |  |  |
| Dimensions   | H                  | mm                       | 230                          |      |      | 230   |      |      | 230   |       |      | 230   |       |       |  |  |  |
|  | W                  | mm                       | 944                          |      |      | 1,220   |      |      | 1,285 |       |      | 1,652 |       |       |  |  |  |
|  | D                  | mm                       | 470                          |      |      | 470   |      |      | 470   |       |      | 470   |       |       |  |  |  |
| Net Operating weight   |                    | kg                       | 19                           |      |      | 24  |      |      | 26    |       |      | 37    |       |       |  |  |  |
| Water connections  | Type               | Male Water Pipe Thread   |                              |      |      |   |      |      |       |       |      |       |       |       |  |  |  |
|  | Diameter (nominal) |                          | 1/2"                         |      |      | 1/2"  |      |      | 1/2"  |       |      | 3/4"  |       |       |  |  |  |
| Cooling capacity based on:<br>7°C EWT - Indoor air temp. 27°C DB / 19°C WB |                    |                          |                              |      |      | Heating capacity based on:<br>45°C EWT - Indoor air temp. 20°C DB |      |      |       |       |      |       |       |       |  |  |  |

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