

Technical data sheets

| | | DUCTO | | | | | DUCTO THIN | | | | |
|---|-------|---|--------|--------|--------|---------|------------|--------|--------|--------|--------|
| MODELS | u.m. | 400 | 600 | 800 | 1000 | 1200 | 400 | 600 | 800 | 1000 | 1200 |
| FANCOIL AERAULIC PERFORMANCE | | | | | | | | | | | |
| Maximum air flow rate | m³/h | 390 | 560 | 730 | 905 | 1150 | 290 | 390 | 550 | 680 | 870 |
| Average air flow rate | m³/h | 260 | 350 | 440 | 550 | 750 | 200 | 290 | 390 | 450 | 610 |
| Minimum air flow rate | m³/h | 120 | 180 | 240 | 260 | 280 | 90 | 140 | 190 | 230 | 250 |
| Useful prevalence | Pa | 90 | 130 | 110 | 140 | 140 | 100 | 90 | 120 | 110 | 140 |
| HEATING PERFORMANCES (W 45/40; A 20) (1) | | | | | | | | | | | |
| Total power output | kW | 1,98 | 2,54 | 3,45 | 4,46 | 6,20 | 1,65 | 2,10 | 2,86 | 3,71 | 5,20 |
| Water flow rate | L/h | 390,00 | 550,00 | 670,00 | 910,00 | 1100,00 | 310,00 | 440,00 | 540,00 | 730,00 | 880,00 |
| Pressure drop | kPa | 12,25 | 21,45 | 2,92 | 18,37 | 19,00 | 6,00 | 9,00 | 18,00 | 13,00 | 15,00 |
| Maximum power consumption | W | 24 | 21 | 34 | 38 | 85 | 21 | 25 | 29 | 33 | 70 |
| Maximum sound power | dB(A) | 58 | 58 | 57 | 58 | 60 | 53 | 58 | 58 | 60 | 61 |
| COOLING PERFORMANCES (W 7/12; A 27) (2) | | | | | | | | | | | |
| Total power output | kW | 1,88 | 2,14 | 2,97 | 3,48 | 5,90 | 1,40 | 2,10 | 2,60 | 3,30 | 4,45 |
| Sensible power output | kW | 1,48 | 1,56 | 2,92 | 2,95 | 5,00 | 1,05 | 1,50 | 2,10 | 2,45 | 3,20 |
| Water flow rate | L/h | 330,00 | 520,00 | 600,00 | 760,00 | 1000,00 | 270,00 | 405,00 | 510,00 | 610,00 | 805,00 |
| Pressure drop | kPa | 15,66 | 19,36 | 2,93 | 14,00 | 16,00 | 5,00 | 8,00 | 17,00 | 11,00 | 14,00 |
| Maximum power consumption | W | 24 | 21 | 34 | 38 | 85 | 21 | 25 | 29 | 33 | 70 |
| Maximum sound power | dB(A) | 58 | 58 | 57 | 58 | 60 | 53 | 58 | 58 | 60 | 61 |
| Room side fan | | | | | | | | | | | |
| Type | | Ec Brushless centrifugal forward curved fan | | | | | | | | | |
| Number | Nr. | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 3 |
| Maximum absorbed current | A | 0,37 | 0,65 | 0,74 | 0,74 | 1,04 | 0,35 | 0,62 | 0,71 | 0,71 | 1,02 |
| Maximum power consumption | W | 85 | 150 | 170 | 170 | 240 | 80 | 140 | 160 | 160 | 230 |
| Room-side sound levels (uni en 3741; 3744) (3) | | | | | | | | | | | |
| Sound power transmitted to the structure Lw | dB(A) | 55,0 | 59,0 | 60,0 | 62,0 | 63,0 | 53,0 | 58,0 | 58,0 | 60,0 | 60,0 |
| Radiated sound power in the channel Lw | dB(A) | 59,0 | 64,0 | 68,0 | 69,0 | 71,0 | 57,0 | 63,0 | 66,0 | 68,0 | 69,0 |
| Average sound pressure at 1 m Lp | dB(A) | 43,0 | 46,0 | 48,0 | 49,0 | 50,0 | 41,0 | 45,0 | 46,0 | 48,0 | 49,0 |
| Average sound pressure at 3 m Lp | dB(A) | 37,0 | 38,0 | 40,0 | 41,0 | 42,0 | 35,0 | 37,0 | 38,0 | 40,0 | 41,0 |

| MODELS | u.m. | DUCTO | | | | | DUCTO THIN | | | | |
|---------------------------------------|---------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|---------------|---------------|
| | | 400 | 600 | 800 | 1000 | 1200 | 400 | 600 | 800 | 1000 | 1200 |
| Heat exchanger (W 7; W 12) (4) | | | | | | | | | | | |
| Battery water content | L | 0,80 | 1,13 | 1,46 | 1,80 | 2,14 | 0,80 | 1,13 | 1,46 | 1,80 | 2,14 |
| Maximum working pressure | bar | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Electrical characteristics | | | | | | | | | | | |
| Power supply | V/ph/Hz | 230 / 1 / 50 | | | | | | | | | |
| Total maximum power consumption | W | 85 | 150 | 170 | 170 | 240 | 80 | 140 | 160 | 160 | 230 |
| Total absorbed current | A | 0,70 | 1,30 | 1,30 | 1,50 | 1,90 | 0,65 | 1,22 | 1,40 | 1,40 | 1,80 |
| Degree of protection | IP | X0 | X0 | X0 | X0 | X0 | X0 | X0 | X0 | X0 | X0 |
| Product dimensions and weights | | | | | | | | | | | |
| Total width | mm | 590 | 790 | 990 | 1190 | 1440 | 590 | 790 | 990 | 1190 | 1440 |
| Total height | mm | 695 | 695 | 695 | 695 | 695 | 575 | 575 | 575 | 575 | 575 |
| Total depth | mm | 240 | 240 | 240 | 240 | 240 | 185 | 185 | 185 | 185 | 185 |
| Net weight | kg | 32,0 | 43,0 | 47,0 | 56,0 | 67,0 | 30,0 | 41,0 | 45,0 | 54,0 | 65,0 |
| Connections | | | | | | | | | | | |
| Condensate drainage connection | mm | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Hydraulic connections | "EK | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" |
| Intake air connection (base x height) | mm | 460 x 150 | 660 x 150 | 860 x 150 | 1060 x 150 | 1320 x 150 | 460 x 100 | 660 x 100 | 860 x 100 | 1060 x 100 | 1320 x 100 |
| Return air connection (base x height) | mm | 510 x 150 | 710 x 150 | 910 x 150 | 1110 x 150 | 1370 x 150 | 510 x 100 | 710 x 100 | 910 x 100 | 1110 x 100 | 1370 x 100 |

(1) Coil water temperature 45/40 °C; Ambient air temperature 20 °C (EU regulation 2016/2281) - maximum speed and useful head 0 Pa

(2) Coil water temperature 7/12 °C; Ambient air temperature 27 °C b.s. and 19° C b.u. (EU regulation 2016/2281) - maximum speed and useful head 0 Pa

(3) Data referred to the standard UNI EN 3741 e UNI EN 3744

(4) Flow water temperature 7 °C; Return water temperature 12 °C