

Technical data sheets

		DUCTO MULTI				DUCTO MULTI THIN			
MODEL	u.m.	600	800	1000	1200	600	800	1000	1200
Fancoil aeraulic performance									
Maximum air flow rate	m ³ /h	600	900	1200	1500	480	720	960	1200
Useful prevalence	Pa	100	100	100	100	100	100	100	100
Single zone fancoil aeraulic performance									
Maximum air flow rate	m ³ /h	300	300	300	300	240	240	240	240
Average air flow rate	m ³ /h	205	205	205	205	160	160	160	160
Minimum air flow rate	m ³ /h	60	60	60	60	50	50	50	50
Heating performance (W 45/40; A 20) (1)									
Total power output	kW	3,90	5,70	7,40	9,00	3,30	4,90	6,30	7,65
Water flow rate	L/h	610,00	980,00	1300,00	1570,00	560,00	840,00	1110,00	1305,00
Pressure drop	kPa	29,00	22,00	21,00	12,00	25,00	19,00	18,00	10,00
Maximum power consumption	W	58	85	114	141	38	55	75	90
Maximum sound power	dB(A)	60	61	62	64	58	59	61	62
Single zone heating performance (W 45; A 20) (2)									
Total power output	kW	2,20	2,20	2,20	2,20	1,85	1,85	1,85	1,85
Cooling performance (W 7/12; A 27) (3)									
Total power output	kW	3,80	5,50	7,20	8,10	3,02	4,40	5,70	6,40
Sensible power output	kW	2,70	3,90	5,10	6,10	2,15	3,16	4,10	4,60
Water flow rate	L/h	600,00	950,00	1200,00	1400,00	530,00	800,00	1030,00	1220,00
Maximum input power	W	58	85	114	141	38	55	75	90
Maximum sound power	dB(A)	60	61	62	64	58	59	61	62
Single zone cooling performance (W7; A 27) (4)									
Total power output	kW	2,10	2,10	2,10	2,10	1,70	1,70	1,70	1,70
Sensible power output	kW	1,50	1,50	1,50	1,50	1,23	1,23	1,23	1,23
Room side fan									
Type		Ec Brushless centrifugal forward curved fan							
Number	Nr.	2	3	4	5	2	3	4	5
Maximum absorbed current	A	0,61	0,91	1,22	1,52	0,58	0,87	1,16	1,45
Maximum power consumption	W	140	210	280	350	130	195	260	325

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MODEL	u.m.	600	800	1000	1200	600	800	1000	1200
Room-side sound levels (UNI EN 3741; 3744) (5)									
Sound power transmitted to the structure L _w	dB(A)	60,0	61,0	62,0	64,0	58,0	59,0	60,0	62,0
Radiated sound power in the channel L _w	dB(A)	65,0	69,0	69,0	71,0	63,0	67,0	68,0	70,0
Average sound pressure at 1 m L _p	dB(A)	46,0	48,0	49,0	51,0	44,0	46,0	48,0	50,0
Average sound pressure at 3 m L _p	dB(A)	38,0	40,0	41,0	43,0	36,0	38,0	39,0	41,0
Heat exchanger (W 7; W 12) (6)									
Type		Hydronic battery							
Number	Nr.	1	1	1	1	1	1	1	1
Battery water content	L	1,13	1,46	1,80	2,14	1,13	1,46	1,80	2,14
Maximum working pressure	bar	10	10	10	10	10	10	10	10
Electrical characteristics									
Power supply	V/ph/Hz	230 / 1 / 50							
Total maximum power consumption	W	140	210	280	350	130	195	260	325
Total absorbed current	A	0,70	1,40	2,10	2,80	0,60	1,20	1,90	2,50
Grade of protection	IP	X0	X0	X0	X0	X0	X0	X0	X0
Product dimensions and weights									
Total width	mm	790	990	1190	1440	790	990	1190	1440
Total height	mm	695	695	695	695	575	575	575	575
Total depth	mm	240	240	240	240	185	185	185	185
Net weight	kg	43,0	47,0	56,0	67,0	41,0	45,0	54,0	56,0
Connections									
Condensate drainage connection	mm	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"
Intake air connection	mm	160	160	160	160	160	160	160	160
Return air connection (base x height)	mm	630 x 150	830 x 150	1030 x 150	1320 x 150	630 x 100	830 x 100	1030 x 100	1320 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 45/40 °C; Ambient air temperature 20 °C (EU regulation 2016/2281)

(3) 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

(4) Coil water temperature 7/12 °C; Ambient air temperature 27 °C b.s. and 19° C b.u. (EU regulation 2016/2281)

(5) Data referred to UNI EN 3741 and UNI EN 3744.

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