



Fan Coil Unit Selection Technical Datasheet



Customer	-	Date	12-Jun-19
Project	-	Offer n°	1
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Fan Coil Unit Model

42MEHD-08

Execution

Ducted

Air Data

Std.air(20°C;1.013bar)

Air pressure / altitude	101300	Pa	m						
Fan speed step	Medium	1250	rpm						
External pressure	50	Pa							
Air flow	303	l/s	0.3649	kg/s					
Air in	24.4	°C	17.2	°CWB	9.37	gr/lbs			
Air out	11.9	°C	11.4	°CWB	8.21	gr/lbs			
Capacity total / sensible	5.16	kW	4.18	kW					
Condensation	0.00038	l/s							

Fluid Data

Typ of fluid	Water								
Fluid flow	0.137	l/s	0.137	kg/s					
Fluid temp. in / out	5.5	°C	14.5	°C					
Pressure drop coil	9.1	kPa							

Sound Data

Fan speed step	High	Medium	Low						
Sound Power Level Lw	67	65	63	db(A)					
Sound Pressure Level Lp	53	51	48	db(A)					
Lw Octave band @	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	
High	30.1	39.7	41.8	45.8	48.7	45.6	44.2	38.3	db(A)
Medium	28.1	37.7	38.6	44	46.9	43.4	41.5	37.3	db(A)
Low	26.5	35.4	36.5	42.7	43.9	38.8	35.3	29.5	db(A)

Sound Pressure Level according to ISO 11203 at 1 meter from the unit

Electric Data

Power Supply	230V-1ph-50Hz								
Fan speed step	High	Medium	Low						
Input power	312	250	200	W					
Input current	1.36	1.09	0.87	Amps					

Dimensions and weights

Unit Dims (LxWxH)* / Weight	940	x	630	x	335	mm	29	kg
Shipp. Dims (LxWxH)* / Weight	955	x	640	x	345	mm	31	kg
Duct Conn. (AxB)* outlet	222	x	650	mm				
Water Connections	In	3/4"NPS	Out	3/4"NPS	Drain pan	3/4"NPT		
Nbr. of Rows / Fin Space	4	/	1.7	mm				

