

## Physical and electrical data, two-pipe coil

42N_S, 2-pipe coil		15					20					26		
Fan speed		5	4	3	2	1	5	4	3	2	1	3	2	1
<b>Fan type</b>		One, tangential					One, centrifugal					One, centrifugal		
Air flow	l/s	35	56	69	84	97	59	80	92	107	128	93	149	196
	m <sup>3</sup> /h	125	200	250	300	350	215	285	330	385	460	335	536	706
<b>Cooling mode*</b>														
Total cooling capacity	kW	0.83	1.07	1.19	1.34	1.49	1.39	1.81	2.08	2.34	2.54	2.10	3.00	3.60
Sensible cooling capacity	kW	0.70	0.93	1.03	1.19	1.31	1.03	1.42	1.60	1.85	2.03	1.65	2.35	2.90
Water flow rate	l/s	0.04	0.05	0.06	0.06	0.07	0.07	0.09	0.10	0.11	0.12	0.10	0.14	0.17
	l/h	143	184	205	230	256	239	311	358	402	437	361	516	619
Water pressure drop	kPa	6.2	9.6	11.5	14.1	16.9	2.8	4.2	5.3	6.4	7.3	5.4	9.5	12.7
<b>Heating mode**</b>														
Heating capacity	kW	1.14	1.42	1.66	1.89	2.09	1.70	2.10	2.54	2.87	3.18	2.56	3.68	4.38
Water pressure drop	kPa	4.9	7.8	9.4	11.6	14.0	2.2	3.4	4.3	5.2	6.0	4.4	7.8	10.6
Water content	l	0.6	0.6	0.6	0.6	0.6	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<b>Sound levels</b>														
Sound power level	dB(A)	28	37	42	47	51	29	38	42	46	50	44	54	61
Sound pressure level***	dB(A)	19	28	33	38	42	20	29	33	37	41	35	45	52
NR value		15	24	28	34	39	14	24	29	33	36	31	40	48
<b>Electrical data</b>														
Power input	W	16	17	19	23	30	29	30	31	34	36	45	55	65
Current drawn	A	0.08	0.08	0.09	0.11	0.13	0.13	0.13	0.14	0.15	0.16	0.21	0.25	0.30
<b>Electric heater</b>														
High capacity	W	800					1000					1000		
Current drawn	A	3.48					4.35					4.35		
Low capacity	W	500					500					500		
Current drawn	A	2.18					2.18					2.18		
<b>Connection diameter</b>	in	3/4 gas					3/4 gas					3/4 gas		

42N_S, 2-pipe coil		30					42			45					65		
Fan speed		5	4	3	2	1	3	2	1	5	4	3	2	1	3	2	1
<b>Fan type</b>		Two, centrifugal					Two, centrifugal			Two, centrifugal					Two, centrifugal		
Air flow	l/s	97	126	153	182	207	147	222	268	146	185	224	277	333	237	331	422
	m <sup>3</sup> /h	350	455	550	655	745	531	798	965	525	665	805	995	1195	853	1191	1519
<b>Cooling mode*</b>																	
Total cooling capacity	kW	2.07	2.54	3.01	3.46	3.70	3.00	4.00	4.50	2.60	3.37	3.98	4.74	5.45	3.90	5.45	6.35
Sensible cooling capacity	kW	1.40	1.96	2.35	2.84	3.10	2.35	3.30	3.85	2.12	2.78	3.30	3.98	4.55	3.20	4.6	5.10
Water flow rate	l/s	0.10	0.12	0.14	0.17	0.18	0.14	0.19	0.22	0.12	0.16	0.19	0.23	0.26	0.19	0.26	0.30
	l/h	356	437	518	595	636	516	688	774	447	580	685	815	937	671	937	1092
Water pressure drop	kPa	6.0	8.6	11.5	14.6	16.4	11.4	18.8	23.0	3.2	5.0	6.7	9.0	11.5	6.4	11.5	15.0
<b>Heating mode**</b>																	
Heating capacity	kW	2.86	3.54	4.18	4.80	5.29	4.05	5.55	6.40	4.00	5.05	5.90	6.90	8.08	6.10	8.00	9.50
Water pressure drop	kPa	4.8	6.9	9.2	11.7	13.1	9.2	15.0	18.4	2.7	4.2	5.5	7.5	9.5	5.4	9.5	12.3
Water content	l	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
<b>Sound levels</b>																	
Sound power level	dB(A)	36	42	47	51	54	47	57	62	41	47	53	57	62	54	62	68
Sound pressure level***	dB(A)	27	33	38	42	45	38	48	53	32	38	44	48	53	45	53	59
NR value		22	29	33	37	40	31	44	49	28	34	40	43	48	40	49	54
<b>Electrical data</b>																	
Power input	W	42	44	46	50	57	45	75	100	69	77	83	92	128	90	125	165
Current drawn	A	0.19	0.20	0.21	0.23	0.25	0.21	0.35	0.45	0.31	0.34	0.37	0.41	0.55	0.41	0.55	0.72
<b>Electric heater</b>																	
High capacity	W	2000					2000			2000					2000		
Current drawn	A	8.70					8.70			8.70					8.70		
Low capacity	W	1000					1000			1000					1000		
Current drawn	A	4.35					4.35			4.35					4.35		
<b>Connection diameter</b>	in	3/4 gas					3/4 gas			3/4 gas					3/4 gas		

Note: For data on 4-pipe coils please refer to the specific product documentation.

## Dimensions and weights

		Vertical units with cabinet				Horizontal units with cabinet				Horizontal concealed units				Vertical concealed units			
		15	20-26	30-42	45-65	15	20-26	30-42	45-65	15	20-26	30-42	45-65	15	20-26	30-42	45-65
<b>Length</b>	mm	830	1030	1230	1430	830	1030	1230	1430	599	799	999	1199	603	803	1003	1203
<b>Width</b>	mm	220	220	220	220	657	657	657	657	518	518	518	518	220	220	220	220
<b>Height</b>	mm	657	657	657	657	220	220	220	220	220	220	220	220	640	640	640	640
<b>Weight</b>	kg	17	19	22	35	17	19	22	35	13	15	16	28	13	15	16	28