

TECHNICAL DATA (3 rows, max speed-EST)



		512	514	516	520	522	524	528
Cooling 2 pipes Air temperature 27 °C d.b., 19 °C w.b. Water temperature 7/12 °C	Total cooling capacity [kW]	1,98	2,56	3,81	5,05	5,81	7,47	9,18
	Sensible cooling capacity [kW]	1,65	2,12	3,14	3,79	4,32	6,09	7,51
	Water flow [l/h]	341	441	656	869	1000	1286	1580
	Pressure drop [kPa]	9,6	9,2	14,6	16,9	36,2	16,8	31,3
Heating 2 pipes Air temperature 20 °C Inlet water temperature 45/40 °C	Heating capacity [kW]	2,05	3,04	4,40	5,76	6,53	8,43	10,40
	Water flow [l/h]	353	523	757	991	1124	1451	1790
	Pressure drop [kPa]	10,8	10,3	17,3	21,8	40,0	17,2	43,5
Heating 4 pipes Air temperature 20 °C Water temperature 65/55 °C	Heating capacity [kW]	1,63	2,39	3,20	5,00	5,55	6,46	7,90
	Water flow [l/h]	158	206	275	430	478	556	680
	Pressure drop [kPa]	4,7	9,3	20,2	23,3	21,5	36,0	46,2
Further data	Air flow [m³/h]	456	574	792	1082	1304	1567	1995
	Sound power level [dB(A)]	55,0	59,0	60,0	57,0	62,0	63,0	69,0
	Sound pressure level [dB(A)]	45,6	49,6	50,6	47,6	52,6	53,6	59,6
	Power input [W]	31	54	42	46	76	89	168
	Absorbed current [A]	0,35	0,44	0,42	0,42	0,68	0,83	1,42
	Water content [l] (2 pipes)	0,79	1,05	1,31	2,20	2,20	2,84	3,47

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TECHNICAL DATA (3 rows, max speed-asynchronous)

		110	112	114	216	218	220	222	224	226	228.1	328
Cooling 2 pipes Air temperature 27 °C d.b., 19 °C w.b. Water temperature 7/12 °C	Total cooling capacity [kW]	1,11	1,59	2,14	3,30	3,50	4,44	5,07	6,43	7,25	8,86	9,73
	Sensible cooling capacity [kW]	0,93	1,25	1,90	2,46	3,06	3,53	4,42	5,06	5,70	7,13	8,04
	Water flow [l/h]	191	274	368	568	602	764	873	1107	1248	1515	1675
	Pressure drop [kPa]	3,4	7,1	5,8	14,8	13,6	24,1	28,4	18,8	21,0	27,2	74,6
Heating 2 pipes Air temperature 20 °C Inlet water temperature 45/40 °C	Heating capacity [kW]	1,37	1,83	2,60	3,46	4,17	4,80	6,04	6,60	7,86	9,96	10,54
	Water flow [l/h]	236	315	448	596	718	826	1040	1136	1353	1692	1814
	Pressure drop [kPa]	4,9	6,0	6,5	14,7	16,0	23,4	27,7	18,9	25,3	29,8	82,4
Heating 4 pipes Air temperature 20 °C Water temperature 65/55 °C	Heating capacity [kW]	0,91	1,31	1,93	2,79	3,20	4,33	4,92	6,16	6,30	7,97	8,00
	Water flow [l/h]	78	113	166	240	275	372	423	530	542	663	688
	Pressure drop [kPa]	1,3	3,4	6,7	14,7	7,1	10,3	11,7	33,0	31,7	29,8	46,5
Further data	Air flow [m³/h]	243	317	432	606	754	961	1115	1307	1507	1814	2010
	Sound power level [dB(A)]	48,0	50,0	54,0	53,0	55,0	54,0	60,0	60,0	63,0	64,0	67,0
	Sound pressure level [dB(A)]	38,6	40,6	44,6	43,6	45,6	44,6	50,6	50,6	53,6	55,0	57,6
	Power input [W]	46	48	57	61	76	90	117	140	162	214	213
	Absorbed current [A]	0,21	0,21	0,25	0,27	0,33	0,39	0,52	0,64	0,71	0,96	0,95
	Water content [l] (2 pipes)	0,53	0,79	1,05	1,31	1,57	2,20	2,20	2,84	2,84	3,47	3,47

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