Technical data outdoor units									
General	**Unit**	**5**	**7**	**9**	**12**	**14**	**16**	**18**	**20**
Modulation range	kW	2 - 5	2 - 7	2 - 9	3 - 12	4 - 14	5 - 16	5 - 18	5 - 20
P_{rated} at 35 / 55 °C	kW	5 / 5	5,6 / 6,2	7,2 / 7,2	9,2 / 9,2	11,6 / 11,8	13 / 13	14 / 14,9	15,6 / 15,6
SCOP at 35 / 55°C medium climate (EN 14825)[1]		4,09 / 3,25	4,12 / 3,23	4,21 / 3,29	4,2 / 3,54	4,73 / 3,68	4,76 / 3,61	4,71 / 3,53	4,69 / 3,4
Efficiency of ETAs at 35 / 55°C medium climate (EN 14825)[1]	%	160,5 / 127,1	161 / 126	165,5/ 128,7	165,1 / 138,7	186,3 / 144,3	187,2 / 141,6	185,4 / 138,2	184,6 / 133
Annual energy consumption at 35 / 55 °C	kWh	2527 / 3177	2808 / 3972	3532 / 4519	4523 / 5365	5063 / 6618	5648 / 7430	6122 / 8698	6791 / 10867
Energy efficiency class at 35 / 55°C [1]		A++ / A++	A++ / A++	4519	5365	6618	7430	8698	10867
Operating range	°C	-25 ÷ +40							
Max. flow temperature	°C	65							
Max. permissible operating pressure	bar	3							
Max. power consumption	kW	5,32			7,4				
Outdoor unit	**Unit**	**5**	**7**	**9**	**12**	**14**	**16**	**18**	**20**
Dimensions (W x H x D)	mm	1150 x 860 x 515		1390 x 860 x 590		1350 x 1505 x 585			
Height stand	mm	400				–			
Weight	kg	129		148		210	212		
Hydraulic connection	inch	5/4", Union nut, flat sealing							
Condensate connection	inch	5/4"							
Supply voltage	V /Hz	230 / 50			400 / 50				
Cooling unit	**Unit**	**5**	**7**	**9**	**12**	**14**	**16**	**18**	**20**
Refrigerant		R452B							
Refrigerant quantity	kg	2,35			2,45	3,95			
Global warming potential	GWP	676							
Equivalent CO_2	t	1,59			1,66	2,67			

Technical data indoor units							
General	**Unit**	**Basic**	**Style**	**Comfort 250 l**	**Comfort 310 l**	**Comfort II 250 l**	**Comfort II 310 l**
Hot-water storage tank	l	-	-	250	310	250	310
Dimensions (W x H x D)	mm	315 x 450 x 132	640 x 770 x 400	695 x 1535 x 858	695 x 1770 x 858	695 x 1535 x 900	695 x 1770 x 900
Weight	kg	8,2	40	195	255	205	265
Hydraulic connection	inch	-	1", External thread flat sealing				
Max. immersion length electric heating element	mm	-	-	550	480	550	480
Supply voltage	V / Hz	230 / 50					
Electric heating element	**Unit**	**Basic**	**Style**	**Comfort 250 l**	**Comfort 310 l**	**Comfort II 250 l**	**Comfort II 310 l**
Heat output	kW	-	3, 6, 9				
Supply voltage	V	-	400				

Performance data									
Performance data according to EN 14511	**Unit**	**5**	**7**	**9**	**12**	**14**	**16**	**18**	**20**
A7 / W35	kW	4,1			5,5	4,22	8,01		
	COP	4,55		4,59	4,71	5,18	5,21		
A7 / W55	kW	5,46			7,58	7,46	8,83		
	COP	2,89		2,93	2,98	3,25	3,19		
Acoustic emissions	**Unit**	**5**	**7**	**9**	**12**	**14**	**16**	**18**	**20**
Sound and heat output A7W55 according to EN12102-1	dB(A)	54,2	54,6	46,1	48,3	50,4	52,2	53,2	54,1
	kW	3,01	3,19	3,83	4,47	4,34	5,8	6,14	6,5

No liability is accepted for printing errors and technical changes. [1] Controller of VI. Category