

TopTherm chillers, 8 – 40 kW



Performance diagrams Page 34 Further information can be found on the Internet

Output class kW		8 – 16				20 – 40			
Type of installation		Stand-alone, system integration				Stand-alone, system integration			
Model No.		3335.790	3335.830	3335.840	3335.850	3335.860	3335.870	3335.880	3335.890
Total cooling output T_w = 10°C / T_u = 32°C	kW	6.5 / 7.5	6.5 / 7.5	10.3 / 11.3	13.8 / 15.2	16.6 / 18.7	20.8 / 23.8	27 / 30.4	32.5 / 37.5
Total cooling output T_w = 18°C / T_u = 32°C	kW	8 / 8.6	8 / 8.6	12 / 13.1	16 / 17.6	20 / 21.8	25 / 27.6	32 / 35.2	40 / 44
Power consumption P _{el} 50/60 Hz	kW	4.37 / 5.21	4.37 / 5.21	6.6 / 7.76	7.3 / 9.2	9.2 / 12	11.4 / 13.9	14.95 / 17.6	17.91 / 23.1
Rated operating voltage	V, ~, Hz	400, 3~, 50 / 460, 3~, 60				400, 3~, 50 / 460, 3~, 60			
Width	mm	805	805	805	805	1205	1205	1605	2405
Height	mm	1700	2100	2100	2140	2140	2140	2140	2140
Depth	mm	605	605	605	605	605	605	605	605
Rated current max.	A	8.23 / 7.71	8.23 / 7.71	10.03 / 11.41	12.73 / 13.3	20.12 / 17.34	22.82 / 23.84	26.25 / 26.72	38.43 / 32.66
Protection category (electrics)		IP 44				IP 44			
Tank capacity	l	75				150	75	150	
Operating temperature range		+10°C...+43°C				+10°C...+43°C			
Refrigerant		R410a				R410a			
Water connection		1" internal thread				1" internal thread	1¼" internal thread		
Air throughput of fans	m³/h	2800		6000		12200			24400
Pump capacity volume	l/min	30 / 47		30 / 55	35 / 63	43 / 76	49 / 86	55 / 70	52 / 72
External static pressure	bar	2.5				2.5		2.5 / 3.5	
Noise pressure level	dB (A)	69				70		72	
Temperature hysteresis		+/- 2 K				+/- 2 K			
Temperature of liquid		+10°C...+25°C				+10°C...+25°C			
Weight	kg	242.0	248.0	282.0	282.0	360.0	374.0	511.0	646.0
Accessories									
Metal filters	1 pc(s).	3286.550		3286.530		3286.540		2 x 3286.530	2 x 3286.540
Levelling feet	4 pc(s).	7493.100							
Twin castors	4 pc(s).	7495.000				-			
Base/plinth components		see chiller configurator on the Internet							
Cooling medium (indoor)	10 l / 25 l	3301.960 / 3301.965							
Cooling medium (outdoor)	10 l / 25 l	3301.960 / 3301.965							