TopTherm chillers

Benefits:
– Modular design
– Small footprint
– Convenient servicing
– High reliability thanks to icing protection
– One version for two frequencies = international compatibility
– Fast availability, because the basic platform is available off the shelf

Temperature control:
– Microcontroller control (factory setting +18°C, differential value control also available)

Colour:
– RAL 7035

Protection category IP to IEC 60 529:
– IP 44 (electrics)

Supply includes:
– Fully wired unit ready for connection with side panels and door
– Multilingual documentation including functional diagram and wiring plans

Note:
– For 3335.880 and 3335.890, two metal filters are required

Characteristic curves of pump:
Available on the Internet

Approvals:
Available on the Internet

Technical details:
Available on the Internet

Output class 8000 – 16000 W

Model No.	Packs of	**3335.790**	**3335.830**	**3335.840**	**3335.850**	Page
Total cooling output at $T_w = 10°C$ / $T_u = 32°C$ kW		6.5 / 7.5	6.5 / 7.5	10.3 / 11.3	13.8 / 15.2	
Total cooling output at $T_w = 18°C$ / $T_u = 32°C$ kW		**8 / 8.6**	**8 / 8.6**	**12 / 13.1**	**16 / 17.6**	
Power consumption P_{el} 50/60 Hz kW		4.37 / 5.21	4.37 / 5.21	6.6 / 7.76	7.3 / 9.2	
Rated operating voltage V, ~, Hz		400, 3~, 50 460, 3~, 60	400, 3~, 50 460, 3~, 60	400, 3~, 50 460, 3~, 60	400, 3~, 50 460, 3~, 60	
Width mm		805	805	805	805	
Height mm		1700	2100	2140	2140	
Depth mm		605	605	605	605	
Rated current max. A		8.2 / 7.7	8.2 / 7.7	10 / 11.4	12.7 / 13.3	
Operating temperature range		+10°C...+43°C	+10°C...+43°C	+10°C...+43°C	+10°C...+43°C	
Refrigerant		R410a	R410a	R410a	R410a	
Water connection	1" internal thread	■	■	■	■	
Temperature hysteresis		+/- 2 K	+/- 2 K	+/- 2 K	+/- 2 K	
Temperature of liquid		+10°C...+25°C	+10°C...+25°C	+10°C...+25°C	+10°C...+25°C	
Tank capacity l		75	75	75	75	
Weight kg		248.0	248.0	282.0	282.0	
Accessories						
Metal filters	1 pc(s).	3286.550	3286.550	3286.530	3286.530	370
Levelling feet	4 pc(s).	7493.100	7493.100	7493.100	7493.100	521
Flex-Block base/plinth system		from page	from page	from page	from page	510
Base/plinth TS		from page	from page	from page	from page	512
Cooling medium		see page	see page	see page	see page	378