

TopTherm roof-mounted cooling units "Blue e"



Accessories for climate control Page 454 Therm software Page 474 RiDiag software Page 474 Air routing Page 461

Temperature control:

- e-Comfort controller (factory setting +35°C)

Protection category IP to IEC 60 529:

- External circuit IP 34
- Internal circuit IP 54

Supply includes:

- Nano-coated condenser
- Integral electric condensate evaporation
- Fully wired ready for connection (plug-in terminal strip)
- Drilling template
- Assembly parts

Note:

- The roof-mounted cooling unit 3273.500 is also suitable for office applications, thanks to its low noise level.

Approvals:

Available on the Internet

Performance diagrams:

Available on the Internet

Output class 500 W

Model No.		Packs of	3382.500	3382.510	3382.600	Page
Material	Sheet steel		■	■	-	
	Stainless steel		-	-	■	
Colour	RAL 7035		■	■	-	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW			0.55	0.55	0.55	
Total cooling output 50/60 Hz L35 L35 kW			0.55 / 0.62	0.55 / 0.62	0.55 / 0.62	
Total cooling output 50/60 Hz L35 L50 kW			0.42 / 0.48	0.42 / 0.48	0.42 / 0.48	
Rated operating voltage V, ~, Hz			230, 1~, 50/60	115, 1~, 50/60	230, 1~, 50/60	
Width mm			597	597	597	
Height mm			417	417	417	
Depth mm			380	380	380	
Rated current max. A			2.3 / 2.6	4.7 / 5.4	2.3 / 2.6	
Start-up current A			9.1 / 8.8	18.2 / 15.9	9.1 / 8.8	
Pre-fuse A			10	-	10	
Transformer circuit-breaker A			-	6.3...10	-	
Motor circuit-breaker			-	-	-	
Power consumption P _{el} 50/60 Hz L35 L35 kW			0.27 / 0.31	0.27 / 0.31	0.27 / 0.32	
Power consumption P _{el} 50/60 Hz L35 L50 kW			0.31 / 0.37	0.31 / 0.37	0.31 / 0.37	
Operating temperature range			+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range			+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511			2.04	2.04	2.04	
Refrigerant g			R134a, 300	R134a, 300	R134a, 300	
Permissible operating pressure (p. max.) bar			28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m ³ /h			170 / 800	170 / 800	170 / 800	
Weight kg			30.0	35.0	30.0	
Accessories						
Filter mats		3 pc(s).	3286.500	3286.500	3286.500	454
Metal filters		1 pc(s).	3286.510	3286.510	3286.510	455
Door-operated switch		1 pc(s).	4127.010	4127.010	4127.010	755
Air duct system		1 pc(s).	3286.870	3286.870	3286.870	461

TopTherm roof-mounted cooling units "Blue e"

Output class 750 W

Model No.		Packs of	3359.500	3359.510	3359.540	3359.600	Page
Material	Sheet steel		■	■	■	–	
	Stainless steel		–	–	–	■	
Colour	RAL 7035		■	■	■	–	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW			0.77	0.77	0.77	0.77	
Total cooling output 50/60 Hz L35 L35 kW			0.77 / 0.79	0.77 / 0.79	0.77 / 0.79	0.77 / 0.79	
Total cooling output 50/60 Hz L35 L50 kW			0.52 / 0.47	0.52 / 0.47	0.52 / 0.47	0.52 / 0.47	
Rated operating voltage V, ~, Hz			230, 1~, 50/60	115, 1~, 50/60	400, 2~, 50/60	230, 1~, 50/60	
Width mm			597	597	597	597	
Height mm			417	417	417	417	
Depth mm			380	380	380	380	
Rated current max. A			2.8 / 3.7	5.6 / 7.4	1.6 / 2.1	2.8 / 3.7	
Start-up current A			9.2 / 9	18.4 / 18	5.4 / 5.2	9.2 / 9	
Pre-fuse A			10	–	–	10	
Transformer circuit-breaker A			–	11...16	6.3...10	–	
Motor circuit-breaker			–	–	–	–	
Power consumption P _{el} 50/60 Hz L35 L35 kW			0.33 / 0.43	0.33 / 0.43	0.33 / 0.43	0.33 / 0.43	
Power consumption P _{el} 50/60 Hz L35 L50 kW			0.49 / 0.42	0.49 / 0.42	0.49 / 0.42	0.49 / 0.42	
Operating temperature range			+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range			+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511			2.28	2.28	2.28	2.28	
Refrigerant g			R134a, 400	R134a, 400	R134a, 400	R134a, 400	
Permissible operating pressure (p. max.) bar			28	28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m³/h			585 / 800	440 / 910	585 / 800	585 / 800	
Weight kg			32.0	37.0	37.0	32.0	

Accessories

Filter mats	3 pc(s).	3286.500	3286.500	3286.500	3286.500	454
Metal filters	1 pc(s).	3286.510	3286.510	3286.510	3286.510	455
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010	755
Air duct system	1 pc(s).	3286.870	3286.870	3286.870	3286.870	461

Output class 1000 W

Model No.		Packs of	3383.500	3383.510	3383.540	3383.600	Page
Material	Sheet steel		■	■	■	–	
	Stainless steel		–	–	–	■	
Colour	RAL 7035		■	■	■	–	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW			1	1	1	1	
Total cooling output 50/60 Hz L35 L35 kW			1 / 1.09	1 / 1.09	1 / 1.09	1 / 1.09	
Total cooling output 50/60 Hz L35 L50 kW			0.71 / 0.81	0.71 / 0.81	0.71 / 0.81	0.71 / 0.81	
Rated operating voltage V, ~, Hz			230, 1~, 50/60	115, 1~, 50/60	400, 2~, 50/60	230, 1~, 50/60	
Width mm			597	597	597	597	
Height mm			417	417	417	417	
Depth mm			475	475	475	475	
Rated current max. A			2.9 / 3.9	6.2 / 8.4	1.7 / 2.2	2.9 / 3.9	
Start-up current A			8.8 / 10.1	14.4 / 15.8	4.6 / 5.7	8.8 / 10.1	
Pre-fuse A			10	–	–	10	
Transformer circuit-breaker A			–	11...16	6.3...10	–	
Motor circuit-breaker			–	–	–	–	
Power consumption P _{el} 50/60 Hz L35 L35 kW			0.38 / 0.47	0.38 / 0.45	0.38 / 0.45	0.38 / 0.47	
Power consumption P _{el} 50/60 Hz L35 L50 kW			0.45 / 0.57	0.43 / 0.54	0.42 / 0.54	0.43 / 0.55	
Operating temperature range			+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range			+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511			2.58	2.58	2.58	2.58	
Refrigerant g			R134a, 650	R134a, 650	R134a, 650	R134a, 650	
Permissible operating pressure (p. max.) bar			28	28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m³/h			491 / 1600	491 / 1600	491 / 1600	491 / 1600	
Weight kg			40.0	46.0	46.0	40.0	

Accessories

Filter mats	3 pc(s).	3286.500	3286.500	3286.500	3286.500	454
Metal filters	1 pc(s).	3286.510	3286.510	3286.510	3286.510	455
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010	755
Air duct system	1 pc(s).	3286.870	3286.870	3286.870	3286.870	461

TopTherm roof-mounted cooling units "Blue e"

Output class 1100 – 1500 W

Model No.	Packs of	3273.500	3384.500	3384.510	3384.540	3384.600	Page
Material	Sheet steel	■	■	■	■	–	
	Stainless steel	–	–	–	–	■	
Colour	RAL 7035	■	■	■	■	–	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW		1.1	1.5	1.5	1.5	1.5	
Total cooling output 50/60 Hz L35 L35 kW		1.1 / 1.2	1.5 / 1.65	1.5 / 1.65	1.5 / 1.65	1.5 / 1.65	
Total cooling output 50/60 Hz L35 L50 kW		0.85 / 0.87	1.15 / 1.3	1.15 / 1.3	1.15 / 1.3	1.15 / 1.3	
Rated operating voltage V, ~, Hz		230, 1~, 50/60	230, 1~, 50/60	115, 1~, 50/60	400, 2~, 50/60	230, 1~, 50/60	
Width mm		597	597	597	597	597	
Height mm		417	417	417	417	417	
Depth mm		475	475	475	475	475	
Rated current max. A		5.2 / 5.4	4.2 / 4.9	8.7 / 10.1	2.5 / 2.9	4.2 / 4.9	
Start-up current A		15.5 / 16.5	14.7 / 13.6	27.2 / 23.2	8.7 / 7.6	14.7 / 13.6	
Pre-fuse A		10	10	–	–	10	
Transformer circuit-breaker A		–	–	14...20	6.3...10	–	
Motor circuit-breaker		–	–	–	–	–	
Power consumption P _{el} 50/60 Hz L35 L35 kW		0.51 / 0.53	0.67 / 0.77	0.67 / 0.76	0.67 / 0.76	0.67 / 0.77	
Power consumption P _{el} 50/60 Hz L35 L50 kW		0.59 / 0.73	0.79 / 0.91	0.8 / 0.93	0.79 / 0.93	0.79 / 0.91	
Operating temperature range		+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range		+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		2.12	2.24	2.24	2.24	2.24	
Refrigerant g		R134a, 700	R134a, 700	R134a, 700	R134a, 700	R134a, 700	
Permissible operating pressure (p. max.) bar		28	28	28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m ³ /h		440 / 1760	491 / 1600	491 / 1600	491 / 1600	491 / 1600	
Weight kg		42.0	41.0	47.0	47.0	41.0	

Accessories

Filter mats	3 pc(s).	3286.500	3286.500	3286.500	3286.500	3286.500	454
Metal filters	1 pc(s).	3286.510	3286.510	3286.510	3286.510	3286.510	455
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010	4127.010	755
Air duct system	1 pc(s).	3286.870	3286.870	3286.870	3286.870	3286.870	461

Output class 2000 W

Model No.	Packs of	3385.500	3385.510	3385.540	3385.600	3385.640	Page
Material	Sheet steel	■	■	■	–	–	
	Stainless steel	–	–	–	■	■	
Colour	RAL 7035	■	■	■	–	–	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW		2	2	2	2	2	
Total cooling output 50/60 Hz L35 L35 kW		2 / 2.14	2 / 2.14	2 / 2.14	2 / 2.14	2 / 2.14	
Total cooling output 50/60 Hz L35 L50 kW		1.41 / 1.51	1.41 / 1.51	1.41 / 1.51	1.41 / 1.51	1.41 / 1.51	
Rated operating voltage V, ~, Hz		230, 1~, 50/60	115, 1~, 50/60	400, 2~, 50/60	230, 1~, 50/60	400, 2~, 50/60	
Width mm		597	597	597	597	597	
Height mm		417	417	417	417	417	
Depth mm		475	475	475	475	475	
Rated current max. A		5.9 / 6.3	13.3 / 13.5	3.5 / 3.7	5.9 / 6.3	3.5 / 3.7	
Start-up current A		19.7 / 17.9	42.2 / 31.1	11.7 / 11.7	19.7 / 17.9	11.7 / 11.7	
Pre-fuse A		10	–	–	10	–	
Transformer circuit-breaker A		–	14...20	6.3...10	–	6.3...10	
Motor circuit-breaker		–	–	–	–	–	
Power consumption P _{el} 50/60 Hz L35 L35 kW		0.95 / 1.14	0.95 / 1.17	0.95 / 1.17	0.95 / 1.14	0.96 / 1.17	
Power consumption P _{el} 50/60 Hz L35 L50 kW		1.07 / 1.23	1.07 / 1.24	1.07 / 1.24	1.07 / 1.23	1.07 / 1.24	
Operating temperature range		+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range		+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		2.09	2.09	2.09	2.09	2.09	
Refrigerant g		R134a, 900	R134a, 900	R134a, 900	R134a, 900	R134a, 900	
Permissible operating pressure (p. max.) bar		28	28	28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m ³ /h		470 / 1760	470 / 1760	470 / 1760	470 / 1760	470 / 1760	
Weight kg		42.0	48.0	48.0	42.0	48.0	

Accessories

Filter mats	3 pc(s).	3286.500	3286.500	3286.500	3286.500	3286.500	454
Metal filters	1 pc(s).	3286.510	3286.510	3286.510	3286.510	3286.510	455
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010	4127.010	755
Air duct system	1 pc(s).	3286.870	3286.870	3286.870	3286.870	3286.870	461

TopTherm roof-mounted cooling units "Blue e"

Output class 3000 – 4000 W

Model No.	Packs of	3386.540	3386.640	3387.540	3387.640	Page
Material	Sheet steel	■	–	■	–	
	Stainless steel	–	■	–	■	
Colour	RAL 7035	■	–	■	–	
Total cooling output 50 Hz L35 L35 to DIN EN 14511 kW		3	3	3.8	3.8	
Total cooling output 50/60 Hz L35 L35 kW		3 / 3.3	3 / 3.3	3.8 / 4	3.8 / 4	
Total cooling output 50/60 Hz L35 L50 kW		2.2 / 2.5	2.2 / 2.5	3.05 / 3.3	3.05 / 3.3	
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		796	796	796	796	
Height mm		470	470	470	470	
Depth mm		580	580	580	580	
Rated current max. A		3.4 / 3.4	3.4 / 3.4	3.9 / 3.9	3.9 / 3.9	
Start-up current A		8 / 9	8 / 9	17 / 19	17 / 19	
Pre-fuse		–	–	–	–	
Transformer circuit-breaker		–	–	–	–	
Motor circuit-breaker A		6.3...10	6.3...10	6.3...10	6.3...10	
Power consumption P _{el} 50/60 Hz L35 L35 kW		1.17 / 1.48	1.17 / 1.48	1.59 / 2.03	1.59 / 2.03	
Power consumption P _{el} 50/60 Hz L35 L50 kW		1.42 / 1.76	1.42 / 1.76	1.84 / 2.31	1.84 / 2.31	
Operating temperature range		+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	+10°C...+55°C	
Setting range		+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	+20°C...+55°C	
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		2.56	2.56	2.38	2.38	
Refrigerant g		R134a, 1600	R134a, 1600	R134a, 1800	R134a, 1800	
Permissible operating pressure (p. max.) bar		28	28	28	28	
Air throughput of fans (unimpeded air flow), internal circuit/external circuit m ³ /h		1280 / 3450	1280 / 3450	1420 / 3870	1420 / 3870	
Weight kg		70.0	70.0	77.0	77.0	
Accessories						
Filter mats	3 pc(s).	3286.600	3286.600	3286.600	3286.600	454
Metal filters	1 pc(s).	3286.610	3286.610	3286.610	3286.610	455
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010	755
Air duct system	1 pc(s).	3286.970	3286.970	3286.970	3286.970	461

