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► Climate Control Application Guide



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Climate Decisions Simplified

Parameters for Climate Control Selection

Use this handy reference guide to find the right solution for your application.

	Top Therm Blue e Air Conditioners	Blue e+ Air Conditioners	Filter Fans	Top Therm Air-to-Water Heat Exchangers	Top Therm Air-to-Air Heat Exchangers	Top Therm Chillers	Thermoelectric Coolers	Enclosure Heaters
PROTECTION RATING								
Indoor Industrial (Type 12, IP54, IP 55)	■	■	■	■	■	■	■	■
Outdoor (Type 3R/4)			*					
Corrosive (Type 4X)	■		*					
CAPACITY								
100W-200W (300-700 BTU)							■	■
300W-2,000W (1,000-7,000 BTU)	■	■		■				
2,500-6,000W (8,000-20,000 BTU)	■	■		■		■		
7,000-15,000W (23,000-53,000 BTU)						■		
FANS-Air Flow								
10 CFM-50 CFM			■					
51 CFM-200 CFM			■					
201 CFM-400 CFM			■					
401 CFM-600 CFM			■					
601 CFM-750 CFM								
VOLTAGE								
115 VAC 50/60 Hz	■	■	■	■	■		■	■
230 VAC 50/60 Hz	■	■	■	■	■	■		■
400/460 VAC 50/60 Hz, 2~	■							
400/460 VAC 50/60 Hz, 3~	■	■	■	■		■		
24-48 VDC			■	■			■	
CERTIFICATION								
UR/cUR			■		■			■
UL/cUL		■						
CSA	■	■	■					■
CE	■	■	■	■	■	■	■	■

*With optional hose-proof hood



ChillZone App

The ChillZone app, which is available for immediate download in the Google Play™ and Apple® app stores, allows users to determine approximate energy savings using Blue e or Blue e+ industrial enclosure cooling.



Therm Climate Control App

Simplify enclosure cooling calculations. Just enter temperature specs, enclosure dimensions, type of cooling solution needed, and Therm calculates a summary of climate control equipment you'll need.



TopTherm Chiller Configurator

Try our cost-effective online configurator. Cooling output, volumetric flow and coolant temperatures are precisely tailored to the required level of your application. Scan the code at the right to connect.



Find the Right Industrial Climate Solution

Don't sweat it. With so many options out there, we understand choosing the right climate product for your enclosure can be stressful. Rittal wants to make it easy for you.



Top Therm Blue e Wall-mounted Air Conditioners

- UL Type 12
- 1,000–15,000 BTU
- Available in Carbon Steel or 316 Stainless Steel 4X
- Nanocoated Condenser
- Integrated Condensate Evaporator
- Multiple Mounting Positions



Blue e+ Wall-mounted Air Conditioners

- UL Type 12
- 6,000–20,000 BTU
- Energy Efficient
- Touch Screen Controller
- Nanocoated Condenser
- Multi-Voltage



Filter Fans

- UL Type 12
- UL Type 3R, 4, 4X, with optional Hose-proof Hood
- 12–529 CFM
- Tool-less Assembly
- Reversible/Diagonal Fan Motor
- Roof-Top Design Available



Top Therm Air-to-Water Heat Exchangers

- UL Type 12
- 1,000–17,000 BTU
- Roof- and Wall-mounted Versions
- 115V, 230V, 400V, 3~
- Intelligent Comfort Controller
- Energy Efficient
- Maintenance Free
- Optimal for Extreme Ambient Conditions



Top Therm Air-to-Air Heat Exchanger

- Positive Temperature Coefficient (PTC) Technology
- 34–2,730 BTU
- 115V and 230V Available
- Quick-connecting Terminals
- Available With or Without Fans



Top Therm Chillers

- Centralized, Efficient Cooling Using Water
- 3,412–150,000 BTU
- Intelligent Comfort Controller
- Nanocoated Condenser
- Ideal for Machine and Enclosure Cooling
- Multi-Voltage



Thermolectric Coolers

- Uses the Peltier Effect
- 341 BTU
- Compact, Lightweight, Efficient
- Multiple Mounting Positions
- 24V DC or dual 100–240V option



Enclosure Heaters

- UL Type 12
- Thermal Output 17.5–90 w/k Available
- Maintenance Free Design

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Package	Availability	Response Time	Spare Parts	Maintenance	Warranty Extension
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COMFORT	Business Hours	Next Day	Standard	2x/year	No
ADVANCED	24 Hours 365 Days/Year	Next Day	24 Hours	2x/year	Yes
FULL	24 Hours 365 Days/Year	8 Hours	As Agreed	As Agreed (At Least 2x/year)	Yes
CUSTOMIZED	As Agreed	As Agreed	As Agreed	As Agreed	As Agreed

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