Rittal – The System.

Faster – better – everywhere.

▶ # Blue e+ Air Conditioners

e+

Assembly made easy
- One mounting cut-out for multiple output categories and mounting configurations
- Mounting aids such as handles on the rear or lifting eyebolts and automatic securing device on the cut-out

Save up to 75% of energy
- Passive climate control: Heat pipe cooling circuit uses cooler ambient air
- Active climate control: Compressor cooling circuit with speed-controlled components for demand-based cooling, ensuring a constant temperature

Versatility
- Inverter technology The cooling units can be used for several voltages without installing a transformer 110V - 230V; 1~; 50/60Hz 380V - 480V; 3~; 50/60Hz

User-friendly
- Quick diagnosis, using an app via the Near Field Communication (NFC)
- Remote monitoring via Ethernet and device analysis with RiDiaq via USB interface
- Detailed function analysis and parameter setting capabilities via RiDiag

Get information faster
- Resistive touch control panel with permanent status display
- Plain-text system messages for current and preventive maintenance work
- Priortized error messages with three escalation levels

Constant Temperature
- Set point with 3 cooling modes
- Tighter hysteresis control

ENCLOSURES ▶ POWER DISTRIBUTION ▶ CLIMATE CONTROL ▶ IT INFRASTRUCTURE ▶ SOFTWARE & SERVICES ▶

FRIEDHELM **L O H** GROUP

RITTAL

Power Category 6830 – 19808 BTU (2000W – 6000W)

Model No.	Packs of	3186.930	3187.930	3188.940	3189.940
Total cooling output 50 Hz L35 L35 toDIN EN 14511 BTU (kW)		**6830 (2)**	**8879 (2.6)**	**14340 (4.2)**	**19808 (5.8)**
Total cooling output 50/60 Hz L35 L35 BTU (kW)		6830 / 6830 (2 / 2)	8879 / 8879 (2.6 / 2.6)	14340 / 14340 (4.2 / 4.2)	19808 / 19808 (5.8 / 5.8)
Total cooling output 50/60 Hz L35 L50 BTU (kW)		4405 / 4405 (1.29 / 1.29)	6215 / 6215 (1.82 / 1.82)	10313 / 10313 (3.02 / 3.02)	14344 / 14344 (4.2 / 4.2)
Rated operating voltage V, ~, Hz		110 - 240, 1~, 50/60 380 - 480, 3~, 50/60	110 - 240, 1~, 50/60 380 - 480, 3~, 50/60	380 - 480, 3~, 50/60	380 - 480, 3~, 50/60
Width (B) inches (mm)		18 (450)	18 (450)	18 (450)	18 (450)
Height (H) inches (mm)		63 (1600)	63 (1600)	63 (1600)	63 (1600)
Depth (T) inches (mm)		12 (294)	12 (294)	15 (393)	15 (393)
Rated output kW		0.73	1.05	1.3	2.2
Power consumption Pel 50/60 Hz L35 L35 kW		0.57 / 0.57	0.99 / 0.99	1.21 / 1.21	2.2 / 2.2
Power consumption Pel 50/60 Hz L35 L50 kW		0.6 / 0.6	0.94 / 0.94	1.28 / 1.28	2.2 / 2.2
Operating temperature range		-20°C...+60°C	-20°C...+60°C	-20°C...+60°C	-20°C...+60°C
Setting range		+20°C...+50°C	+20°C...+50°C	+20°C...+50°C	+20°C...+50°C
Storage temperature range		-40°C...+70°C	-40°C...+70°C	-40°C...+70°C	-40°C...+70°C
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511		3.5	2.63	3.46	2.64
Refrigerant g		R134a, 1150	R134a, 1150	R134a, 1750	R134a, 1750
Permissible operating pressure (p. max.) bar		24	24	24	24
Air throughput of fans (unimpeded air flow), Internal circuit/external circuit m³/h		1250 / 1250	1250 / 1250	2300 / 2300	2300 / 2300
Weight lbs (kg)		121 (55.2)	121 (55.2)	159 (72.4)	159 (72.4)
Note on Model No.		-	-	Full installation not possible	Full installation not possible
Accessories					
Filter mats	3 pc(s).	3285.900	3285.900	3285.900	3285.900
Metal filters	1 pc(s).	3285.910	3285.910	3285.910	3285.910
Temperature sensor	1 pc(s).	3124.400	3124.400	3124.400	3124.400
Door-operated switch	1 pc(s).	4127.010	4127.010	4127.010	4127.010