

# Rittal – The System.

Faster – better – everywhere.

## Blue e+ Air Conditioners



### User-friendly

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

### Get information faster

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

### Constant Temperature

- Set point with 3 cooling modes
- Tighter hysteresis control

### 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



ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# Power Category 5459 – 19808 BTU (1600W – 6000W)

Model No.	3185.830	3186.930	3187.930	3188.940	3189.940
<b>Total cooling output 50 Hz L35 L35 to DIN EN 14511 BTU (kW)</b>	<b>5459 (1.6)</b>	<b>6830 (2)</b>	<b>8879 (2.6)</b>	<b>14340 (4.2)</b>	<b>19808 (5.8)</b>
Total cooling output 50/60 Hz L35 L35 BTU (kW)	5459 / 5459 (1.6 / 1.6)	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)	4095 / 4095 (1.2 / 1.2)	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	110 - 240, 1~, 50/60 380 - 480, 3~, 50/60	380 - 480, 3~, 50/60	380 - 480, 3~, 50/60
Width (B) inches (mm)	16 (400)	18 (450)	18 (450)	18 (450)	18 (450)
Height (H) inches (mm)	37 (950)	63 (1600)	63 (1600)	63 (1600)	63 (1600)
Depth (T) inches (mm)	12 (310)	12 (294)	12 (294)	15 (393)	15 (393)
Rated output kW	0.62	0.73	1.05	1.3	2.2
Power consumption Pel 50/60 Hz L35 L35 kW	0.54 / 0.54	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	0.61 / 0.61	0.6 / 0.6	0.94 / 0.94	1.28 / 1.28	2.2 / 2.2
Operating temperature range	-4°F...+140°F (-20°C...+60°C)	-4°F...+140°F	-4°F...+140°F	-4°F...+140°F	-4°F...+140°F
Setting range	+68°F...+122°F (+20°C...+50°C)	+68°F...+122°F	+68°F...+122°F	+68°F...+122°F	+68°F...+122°F
Storage temperature range	-40°F... +158°F (-40°C...+70°C)	-40°F... +158°F	-40°F... +158°F	-40°F... +158°F	-40°F... +158°F
Energy efficiency ratio (EER) 50 Hz L35 L35 to DIN EN 14511	3.05	3.5	2.63	3.46	2.64
Refrigerant g	R134a, 750	R134a, 1150	R134a, 1150	R134a, 1750	R134a, 1750
Permissible operating pressure (p. max.) bar	24	24	24	24	24
Air throughput of fans (unimpeded air flow), Internal circuit/external circuit m³/h	700 / 895	1250 / 1250	1250 / 1250	2300 / 2300	2300 / 2300
Weight lbs (kg)	67 (30.5)	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	3285.800	3285.900	3285.900	3285.900	3285.900
Metal filters	3285.810	3285.910	3285.910	3285.910	3285.910
Temperature sensor	3124.400	3124.400	3124.400	3124.400	3124.400
Door-operated switch	4127.010	4127.010	4127.010	4127.010	4127.010