

New Option

# RC8 Controller Protective Box Light

Protect your robot controller from harsh environments where equipment is exposed to oil, dust, and other contaminants. The product offers the same waterproof performance as the previous design, but at a lower price.



Access this link for detailed product information.

Compatible controllers

RC8A (standard specifications, safety motion specifications, and safety I/O-less specifications), RC8

\*For the VM Series, VS068/087 with additional axis, and MC8 (with total motor capacity of 2,000 W or greater), use the original RC8 Controller Protective Box.

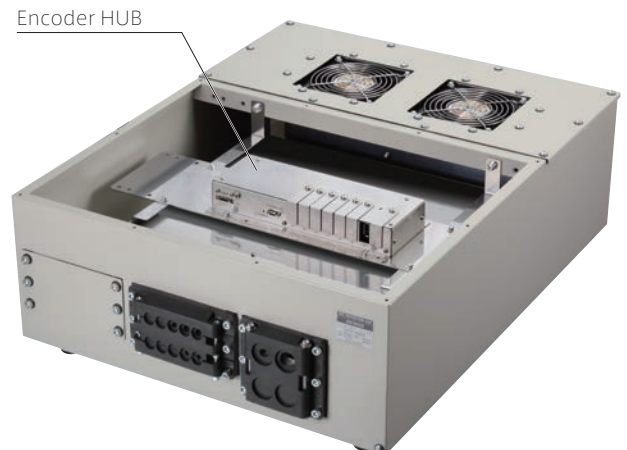
## IP54 protection to withstand harsh environments

The RC8 Controller Protective Box Light delivers the same IP54 protection as the original RC8 Controller Protective Box, but at a more affordable price point.



## Space for options

The box can accommodate an encoder HUB.

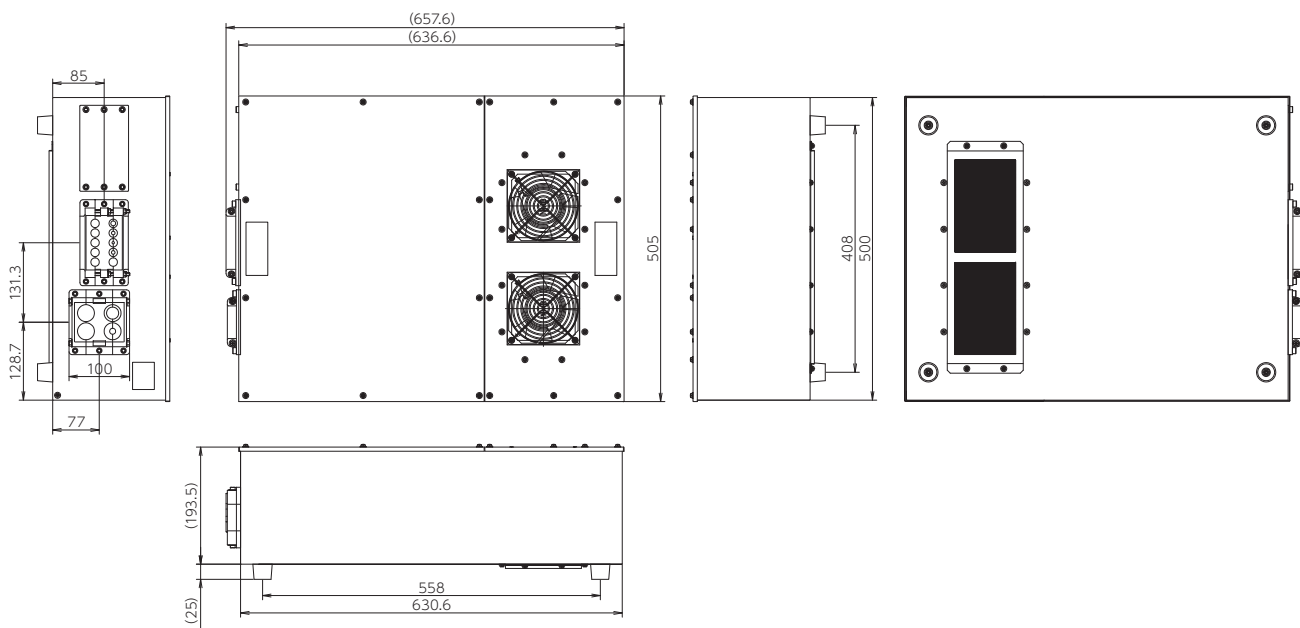


## Specifications

		RC8 Controller Protective Box Light
Supported controllers		RC8 type controllers (with space for encoder HUB)
Operating environment (temperature and humidity)	During operation	0°C to 40°C, 90% RH or less (non-condensing)
	During storage or transport	-10°C to 60°C, 75% RH or less (non-condensing)
Protective structure		IP54 or equivalent
Installation orientation		Freestanding
Weight		About 17.5 kg (not including robot controller)
Power supply*1	3-phase	185 to 253 V AC (200 V AC -7% to 230 V AC +10%)
	Single-phase	207 to 253 V AC (230 V AC ±10%)
Heat exchanger	Cooling capacity	25 W/K (calculated for temperature difference of 1°C)
	Power supply	From controller power supply (using single-phase 200 V AC from branch at terminal block)

\*1: Differs from the power supply specifications of the standalone RC8.

## External dimensions



Use the original RC8 Controller Protective Box with the following products:

- VM Series
- VS068/087 with additional axis
- MC8 (with total motor capacity of 2,000 W or greater)



Access this link for detailed information about the RC8 Controller Protective Box.



Please visit our website for more information on products and functions.  
<https://www.denso-wave.com/>



Official Denso Wave Channel: Provides explanatory videos of functions, examples of operation, and typical applications.



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