

HyHaven HH-LA-U2 Installation Reference V1

Model: HH-LA-U2 | 1500N / 337 lbs | 12V / 24V DC

This installation reference summarizes the verified operating limits and planning information for the HH-LA-U2 actuator. Use the Product Datasheet and Dimension Drawing for product selection and detailed mechanical references.

Product Identification

Model	HH-LA-U2
Force	1500N / 337 lbs
Voltage	12V / 24V DC
Limit Switch	Built-in

Operating Specifications

No-load Speed	6 mm/s
Load Speed	4.5 mm/s
Duty Cycle	10%-20%
Operating Temperature	-20°C to 60°C
Noise	<45 dB
Protection Rating	IP54

Stroke Planning

Standard Storefront Stroke	50-450 mm
OEM Custom Stroke Capability	15-1000 mm

Installation Space

Installation Length	Stroke + 105 mm
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Electrical Planning

12V No-load Current	1.2A
12V Load Current	3.8A
24V No-load Current	0.8A
24V Load Current	2A

Before Installation Checklist

1	Confirm the required stroke.
2	Confirm 12V or 24V version.
3	Confirm the required load is within rated force.
4	Confirm installation space using Installation Length = Stroke + 105 mm.
5	Observe the 10%-20% duty cycle.
6	Operate within -20°C to 60°C.

Technical Document Reference

Product Datasheet and Dimension Drawing are separate technical documents. For detailed mechanical dimensions, refer to the Dimension Drawing.