



## MageBracket RH and RL for R-Panel Trapezoidal Metal Roof

MageBracket RH and RL are roof attachments for solar installation on R-panel trapezoidal metal roof. MageBracket RH or RL includes self-drilling screws and comes with optional L bracket. MageBracket RH fits most common R-panel trapezoidal metal roofs on commercial buildings. MageBracket RL fits slightly lower R-panel trapezoidal metal roof. Use MageBracket RH and RL fitting template to verify which MageBracket fits better.

**Material:** Extruded aluminum alloy 6063-T5, 304 stainless steel bolt and corrosion-resistance-coated roofing screws

**Finish:** Clear anodized

**Ultimate Tensile:** 38 ksi

**Yield:** 35 ksi

**Installation maximum uplift force (safety factor 3):** 561 lbs.

**Installation torque:** To tighten flange bolt, use anti-seize (recommended) and tighten to 12 lb-ft of torque

### MageBracket RH or RL:

- One (1) MageBracket RH or RL of four components with EPDM gaskets
- One (1) 5/16 x 1" stainless steel flange bolt
- Four (4) self-drilling screws



### MageBracket RH or RL with L Bracket:

- One (1) MageBracket RH or RL of four components with EPDM gaskets
- One (1) L bracket (3-1/2" tall, 1-1/2" wide and 3" deep)
- One (1) 5/16 x 1" stainless steel flange bolt
- Four (4) self-drilling screws



**Note:** MageBracket RH and RL are very similar. MageBracket RH fits slightly larger and wider rib and MageBracket RL fits slightly smaller and lower rib on R-panel trapezoidal metal roof. Use fitting template to measure and determine which bracket fits your metal roof.

Part #	Part Name	Description
401-301	MageBracket RH	Angle-adjustable mounting bracket for R-panel trapezoidal metal roof.
401-303	MageBracket RL	
401-302	MageBracket RH with L Bracket	Angle-adjustable mounting bracket with L bracket for R-panel trapezoidal metal roof.
401-304	MageBracket RL with L Bracket	

