

Ray Magic submittal ® SL submittal



| Job | Designer | Contact |
|-----|-----------|---------|
| 000 | Beergitet | 0011401 |

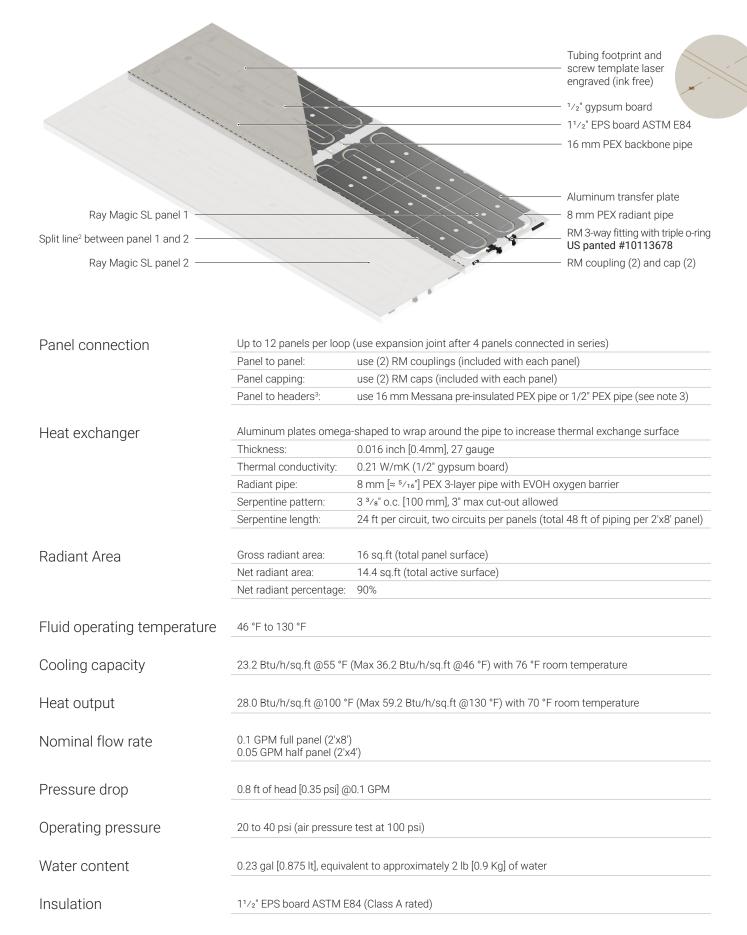
Ray Magic SL (Slim) is a high performance hydronic radiant gypsum panel. It comes finished with CertainTeed $^{1}/_{2}$ " gypsum board with AirRenew[®]. It installs on the ceiling, to create an unobstructed radiant surface. Ray Magic SL is 2'x8' in size and can be cut down into two 2'x4' panels to fit smaller spaces.

Ray Magic SL ships in a two-panel format (4'x8' in size) that will need to be split into two 2'x8' panels on site.

The panel consists of a 1½" thick EPS board with laid down aluminum heat transfer plates with propriety omega shaped channels. Pressed into these channels are two symmetrical 8 mm PEX radiant tubing circuits laid out in a serpentine pattern. Each tubing circuit is connected in parallel to 16 mm PEX return and supply lines that run along the length of the panel. Panels are connected together using slide-in patented fitting technology that allows for internal PEX piping expansion and contraction.expansion and contraction.

Technical specifications^{1,2}

| Model | Ray Magic SL | |
|------------------------------|---|--|
| Doub accept on | | |
| Part number | RGSL4812 | |
| Features | Quick and easy to install with panel slide-in patented fitting technology | |
| | High heating and cooling performance | |
| | 90% net radiant surface | |
| | Tubing footprint and screw template laser engraved (ink free) | |
| | Works with 16 mm PEX or 1/2" PEX header lines ³ | |
| | Panel pre-cut opening window to access fittings in case of necessity | |
| Size and weight ² | Nominal size W 2' [610 mm] L 8' [2438 mm] H 2" [51 mm] two-panel 4'x8' format W | |
| | Weight wet (with H ₂ O) | |
| Finishing | CertainTeed high density 1/2" gypsum board with AirRenew technology | |
| Packaging ² | Ray Magic SL is shipped in a two-panel format (4'x8' in size) that contains two Ray Magic SL panels | |

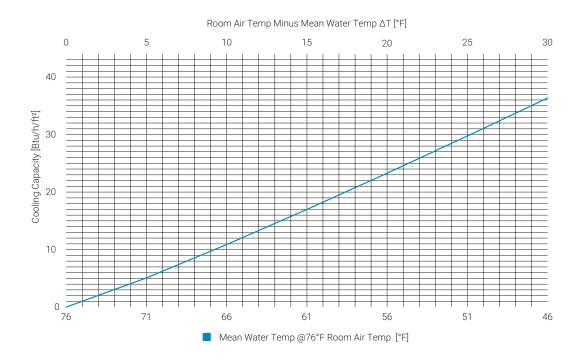


Notes

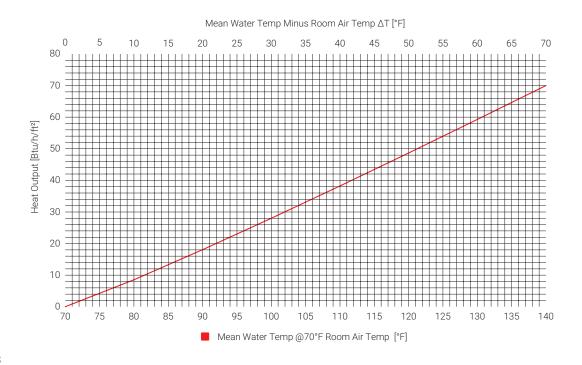
- 1. Size, weights and technical characteristics may vary without prior notice.
- 2. Ray Magic SL is 2'x8' in size. Panels are manufactured in a 4'x8' format that includes two Ray Magic SL panels. The 4'x8' panel must be cut along the split line on the job site. Unless differently specified, all data refer to one single 2'x8' Ray Magic SL panel (no the package of two).
- 3. For 1/2" PEX must use the Messana ASTM F1960 connection adapters (Q41/2PPXCOUP).

Thermal performance¹

Cooling capacity



Heating output



Notes

1. These thermal performance charts are based on a correlation between internal testing performed using thermal imaging of the panel surface and the test results, according to the nominatives EN 14240 (cooling) and EN 14037 (heating), performed on the previous version of the Ray Magic panel.