

L8100B1128/U

| Attribute | Value |
|-------------------------------|--|
| SKU Short Description | High-limit Aquastat® controller operates at 100 F to 180 F with 39 in. long capillary |
| Product Taxonomy Node | RMH Root.Controls.Aquastats |
| Linking Product Number | L8100 |
| Bundle | No |
| For Use With | Water Heaters |
| Product Features | Regulates temperature and provides energy cutoff (ECO) action on a temperature rise past the setpoint Includes a second sensing element that senses average water temperature to minimize stacking Fluid-filled element operates Micro Switch™ SPST snap-acting switch ECO switch interrupts the thermocouple circuit or main valve before tank reaches 210 F (99 C) maximum temperature Includes factory-installed immersion well on controller Internal adjustment screw Special switch terminal provides three-wire hookup from Aquastat® controller to gas valve |
| Capillary Length | 39 in |
| Bulb Diameter | 3/8 in 10 mm |
| Immersion Depth | 5 in. 127 mm |
| Immersion Well Thread | NPT |
| Package Height UoM | mm |
| Package Length UoM | mm |
| Package Weight | 1.043 |
| Package Weight UoM | kg |
| Package Width UoM | mm |
| Insulation Depth | 2 1/4 in 57 mm |
| Additional Dimensions Details | Case--5 5/8 in high x 2 in wide x 2 1/8 in deep Case--143 mm high x 51 mm wide x 54 mm deep |
| Immersion Well Material | Zinc Plated |
| Color | Gray |
| Mounting Type | Immersion Well |
| Application | Immersion type controllers for regulating and limiting the tank temperature in water heaters High Limit |

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|-------------------------------------|--|
| High Limit Differential Temperature | 5 F 3 C |
| Differential Temperature | Controller: 5 °F, Fixed Controller: 3 °C, Fixed Energy Cutoff Switch: 20 °F, Fixed Energy Cutoff Switch: 11 °C Fixed |
| Operating Temperature (Max) | 180 °F 82 °C |
| Operating Temperature (Min) | 100 °F 38 °C |
| Electrical Ratings Millivolt | Millivolt--2A maximum at 24 Vac |
| Approvals and Standards | AGA Design Certified: Report Number 23 |
| SKU Title | High-limit Aquastat® controller with 39 in. long capillary |
| Brand | Resideo |
| Global ERP Status Code | 01 |
| UPC Number | 085267054690 |
| LOB | RTS |