

# L8148E1265/U

Attribute	Value
SKU Short Description	Aquastat Relay, 180 to 240 F range with 15 degree F fixed differential, low volt/millivolt
Product Taxonomy Node	RMH Root.Controls.Aquastats
Linking Product Number	L8148
Bundle	No
Includes	Molex® plug for use with vent damper Heat Conductive Compound
Product Features	High limit opens burner circuit only. Select models include transformer and accessory terminals for adding a remote low limit controller. Case available for horizontal or vertical mounting. Requires a 24 Vac thermostat with heat anticipator set at 0.2A. TRADELINE models include well adapter, tube of heat conductive compound and range stops..
Capillary Length	4 1/2 in
Package Height UoM	in
Package Length UoM	in
Package Weight	4
Package Weight UoM	lb
Package Width UoM	in
Product Height	6.13 156
Product Height UoM	in mm
Product Length	4.31 110
Product Length UoM	in mm
Product Width	3.13 79
Product Width UoM	in mm
Insulation Depth	1.5 in to 3 in 38 mm to 76 mm
Color	Gray
Mounting Type	Vertical Mount
Application	Line Voltage Circulator Control and Low Voltage Power Supply and Limit Control May be used with Series 60 Low Limit Control
Switch Type	SPST: High Limit and Circulator

Attribute	Value
Type of Fuel	Natural Gas
Operating Pressure (Max)	255 psi Immersion Well 1757 kPa Immersion Well
High Limit Set point Temperature (Max)	240 °F 116 °C
High Limit Set point Temperature (Min)	180 °F 82 °C
Differential Temperature	15 °F Fixed
Operating Frequency	60 Hz
Operating Voltage	120 V AC
Electrical Ratings at Full Load	Burner 0.8 A maximum at 24 V AC Burner and Circulator 7.4 A at 120 V AC Burner and Circulator 3.7 A at 240 V AC
Electrical Ratings at Locked Rotor	Burner and Circulator 44.4 A at 120 V AC Burner 22.7 A at 240 V AC Circulator 22.2 A at 240 V AC
Electrical Ratings Millivolt	At Locked Rotor-- 0.25 A at 1/4 to 12 V DC
Electrical Connection Type	Quick-Connect / Screw
Approvals and Standards	UL Listed (models with well): File No. MP466, Guide No. MBPR CSA Certified: File No. LR95329-1
SKU Title	Vertical Mount Aquastat® Relay
Brand	Resideo
Global ERP Status Code	01
UPC Number	085267055215
LOB	RTS
Hazardous Material Code	E08
Hazardous Material Description	UN1294, Dangerous Goods in Excepted Quantities, Class 3