

L8124E1016/U

Attribute	Value
SKU Short Description	Triple Aquastat Relay, High Limit protection, Low Limit and Circulation control, Low Limit- adjustable differential, High Limit: fixed differential
Product Taxonomy Node	RMH Root.Controls.Aquastats
Linking Product Number	L8124
Bundle	No
Product Features	Immersion-type controllers that combine high limit protection with low limit and circulator control in forced hydronic heating systems Provide multizone control by using a separate circulator and R845 Relay for each zone Include diaphragm powerhead and Micro Switch™ assembly that respond to temperature changes in boiler water Mount directly to boiler Select models include large transformers and extra terminals for supplying power to low voltage zone valves Require 24 Vac thermostat with heat anticipator set at 0.2 A (plus current draw of gas valve on L8124E) TRADELINE models include tube of heat conductive compound and range stops
Package Height UoM	in
Package Length UoM	in
Package Weight	4.5
Package Weight UoM	lb
Package Width UoM	in
Product Height	6.13 156
Product Height UoM	in mm
Product Length	4.38 111
Product Length UoM	in mm
Product Width	4.38 111
Product Width UoM	in mm
Color	Gray
Mounting Type	Vertical Mount
Application	Triple Aquastat Relay with High Limit Protection
Switch Type	SPST: High and Low Limit
Operating Pressure (Max)	200 psi on outside of immersion well 100 psi on capsule if inserted directly 1378 kPa on outside of immersion well 690 kPa on capsule if inserted directly

Attribute	Value
High Limit Set point Temperature (Max)	240 °F 116 °C
High Limit Set point Temperature (Min)	130 °F 54 °C
Low Limit Set point Temperature (Max)	220 °F 104 °C
Low Limit Set point Temperature (Min)	110 °F 43 °C
High Limit Differential Temperature	10 °F Fixed
Low Limit Differential Temperature	10 °F to 25 °F Adjustable
Operating Frequency	60 Hz
Operating Voltage	120 V AC
Electrical Ratings at Full Load	Burner 1.25A at 24 V AC Burner 30 VA (total load) Terminals B1-B2 and TV-Z Circulator 7.4 A at 120 V AC Circulator 3.7 A at 240 V AC
Electrical Ratings at Locked Rotor	44.4 A at 120 V AC 22.2 A at 240 V AC
Electrical Connection Type	Quick-Connect / Screw
Approvals and Standards	UL Listed (models with well): File No. MP466, Guide No. MBPR UL Component Recognized (models without well): File No. MP466, Guide No. MBPR2 CSA Certified: File No. LR1620, Guide No. 400-E-O
SKU Title	Triple Aquastat, low limit- adj differential, high limit-fixed differential
Brand	Resideo
Global ERP Status Code	01
UPC Number	085267055000
LOB	RTS
Hazardous Material Code	E08
Hazardous Material Description	UN1294, Dangerous Goods in Excepted Quantities, Class 3