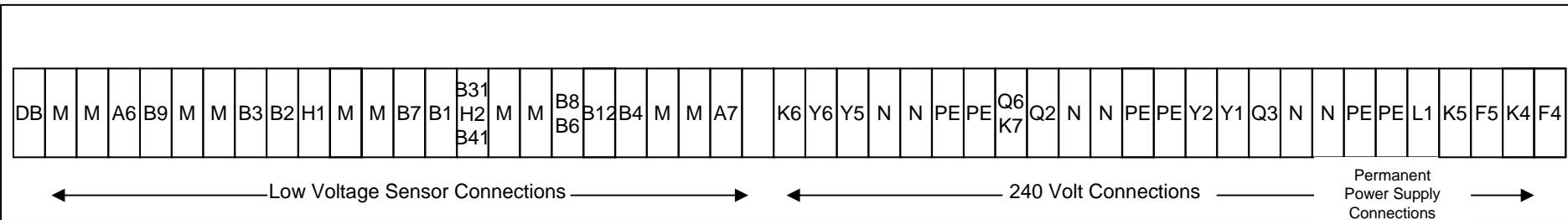




Strata Streamline RVA63 Heating Zone Controller Housing Wiring Guide



Legend

Low Voltage Connections From Right To Left

- A7.. QAA70/50/10 Room Unit Power connection. (PPS) Heat Zone 2. (Not Volt Free Enable.)
- M... QAA70/50/10 Room Unit Ground connection. (PPS) Heat Zone 2. (Not Volt Free Enable.)
- B4... Not Used in Streamline Control Configuration.
- B12. Mixed Flow Sensor Heat Zone 2. (QAD26)
- B8/B6. Flue Gas Sensor. (Not Used In Streamline Control Configuration).
- M... Ground for Mixed Flow sensor and H2 contact. B12 & B31/H2/B41
- B31/H2/B41. H2 Contact Input. (Configuration Dependant) / HWS Sensor #2. (QAZ21)
- B1.. Mixed Flow Sensor Heat Zone 1. (QAD26)
- B7... Not Used in Streamline Control Configuration.
- M... Ground for H1 Contact
- H1.. H1 Contact Input, (Configuration Dependant)
- B2.. Boiler Sensor (Not Used In Streamline Configuration).
- B3.. HWS Sensor / Volt Free Enable. (QAD21)
- M... Ground for HWS Sensor / Outside air Sensor B3, B9
- B9.. Outside Air Sensor (QAC32)
- A6.. QAA70/50/10 Room Unit Power connection. (PPS) Heat Zone 1. (Not Volt Free Enable.)
- M... QAA70/50/10 Room Unit Ground connection. (PPS) Heat Zone 1. (Not Volt Free Enable.)
- M... LPB Communication Ground Connection From Boilers / RVA47 / RVA63
- DB.. LPB Communication Output to Boilers / RVA47 / RVA63

240 Volt Connections From Left to Right

- F4... 240 Volt Input to Stage 1 Burner Enable. (Not Used In Streamline Configuration)
- K4... 240 Volt Output to Stage 1 Burner Enable. (Not Used In Streamline Configuration)
- F5... 240 Volt Input to Stage 2 Burner Enable. (Not Used In Streamline Configuration)
- K5... 240 Volt Output to Stage 1 Burner Enable. (Not Used In Streamline Configuration)
- L1... 240 Volt Input to Controller / Housing.
- PE... Earth Connection for Controller / Housing.
- N... Neutral Connection for Controller / Housing.
- Q3.. HWS Charging Pump / Valve Output. 240 Volt Max 1 Amp.
- Y1.. Mixing Valve Open Output Heat Zone 1. 240 Volt Max 1 Amp.
- Y2.. Mixing Valve Close Output Heat Zone 1. 240 Volt Max 1 Amp
- PE... Earth Connection Mixing Valve.
- N... Neutral Connection for Mixing Valve.
- Q2.. Heating Pump Output Heat Zone 1. 240 Volt Max 1 Amp.
- Q6/K7 Heating Pump Output Heat Zone 2. 240 Volt Max 1 Amp..
- PE.. Earth Connection for Heating Pumps.
- N... Neutral Connection for Heating Pumps.
- Y5.. Mixing Valve Open Output Heat Zone 2. 240 Volt Max 1 Amp.
- Y6.. Mixing Valve Close Output Heat Zone 2. 240 Volt Max 1 Amp
- K6.. Not Used in Streamline Control Configuration.

Please note: Screened cables must be used for all low voltage, sensor, boiler communication and enabling circuits. The screening must be earthed at both ends. Boiler communication and room unit connections are polarity sensitive.