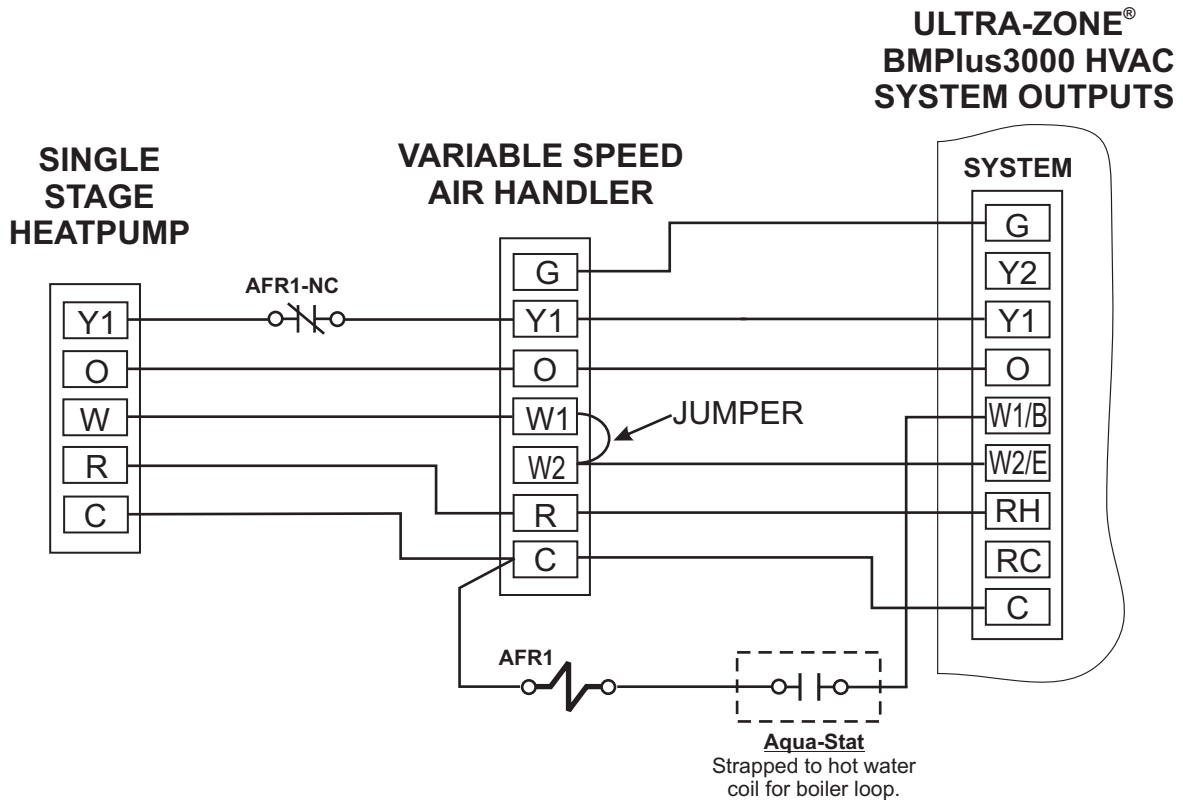


WIRING DIAGRAM



AFR1 - Model R1 SPDT Relay
with 24 VAC Coil.

Sequence of Operation

Heating Mode:

Primary Heat is the wood burner loop. If the hot water loop is at the desired temperature the Aqua-Stat will close activating the AFR1 relay, which will lock-out the compressor. With a demand for heat, only the fan will be activated. If the temperature of the hot water loop drops the Aqua-Stat will open allowing the compressor to run once again.

Cooling Mode:

This circuit has no affect on cooling operations.

EWC®

CONTROLS INC.

Englishtown, NJ 07726

DRAWING BY:
PJC

DWG NAME: BMPLUS3000 - W/ YORK HEAT PUMP &
WOOD BOILER AS PRIMARY HEAT

DATE:
11/12/08

SIZE:
A

REV:
A

DWG NO:
090512A0182

SHEET: 1 OF 1

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