

38MURA CROSSOVER WIRING INSTRUCTIONS

REV 00

IMPORTANT

- Please reference 38MURA Installation Instructions for complete instruction. This document provides additional wiring scenarios based on the indoor unit being installed to.
- Please read the entire instructions manual before starting the installation.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause death, personal injury, or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing, and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and current editions of the National Electrical Code (NEC) NFPA 70. In Canada, refer to current editions of the Canadian Electrical Code CSA 22.1.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand these signal words; DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which will result in severe personal injury or death. **WARNING** signifies hazards which could result in personal injury or death. **CAUTION** is used to identify unsafe practices which would result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death. Before installing, modifying, or servicing system, main electrical disconnect switch must be in the OFF position. There may be more than 1 disconnect switch. Lock out and tag switch with a suitable warning label.

WARNING

EXPLOSION HAZARD



Failure to follow this warning could result in death, serious personal injury, death, and/or property damage.

Never use air or any gas containing oxygen for leak testing or operating refrigerant compressors. Never allow compressor suction pressure to operate in a vacuum with service valves closed. See Service Manual for pump-down instructions.

38MURA CROSSOVER SOLUTIONS



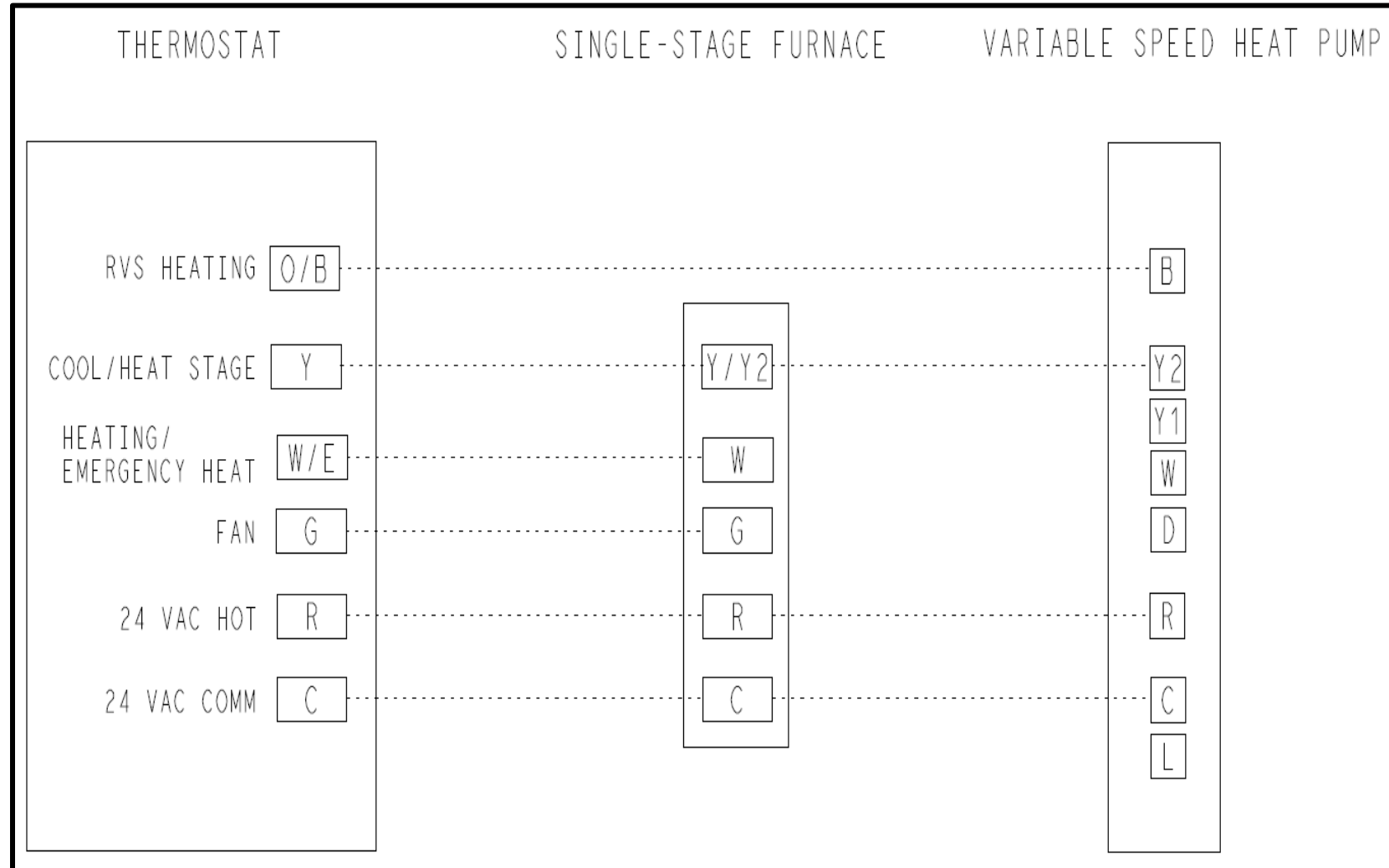
- Compatible with most Legacy and Preferred fan coils and furnaces with both A and N type coils
- Capacity Ranges: 1.5T, 2T, 2.5T, 3T, 4T & 5T
- Available in regular heat and high heat options
- Utilizes standard line set sizes (insulation of suction line only), integrated 24V interface connection

COMPATIBILITY

Fan Coils	Furnaces
FB4CN	8(0,1)*SA
FX4DN	82*SA
FMA4X	83*SA
FJ4DN	82*TA
PF4MN	912SD
FZ4AN	915SB
FM(C,U)	926SA
FV4CN	926TB
FMA4P	935SA
	OVLAAB
	OVMAAB

Depending on size, 38MURA is compatible with the following fan coils and furnaces. Refer to the [MyBryantRatings](#) to access all compatible combinations and performance information.

38MURA WITH APPROVED SINGLE-STAGE FURNACES



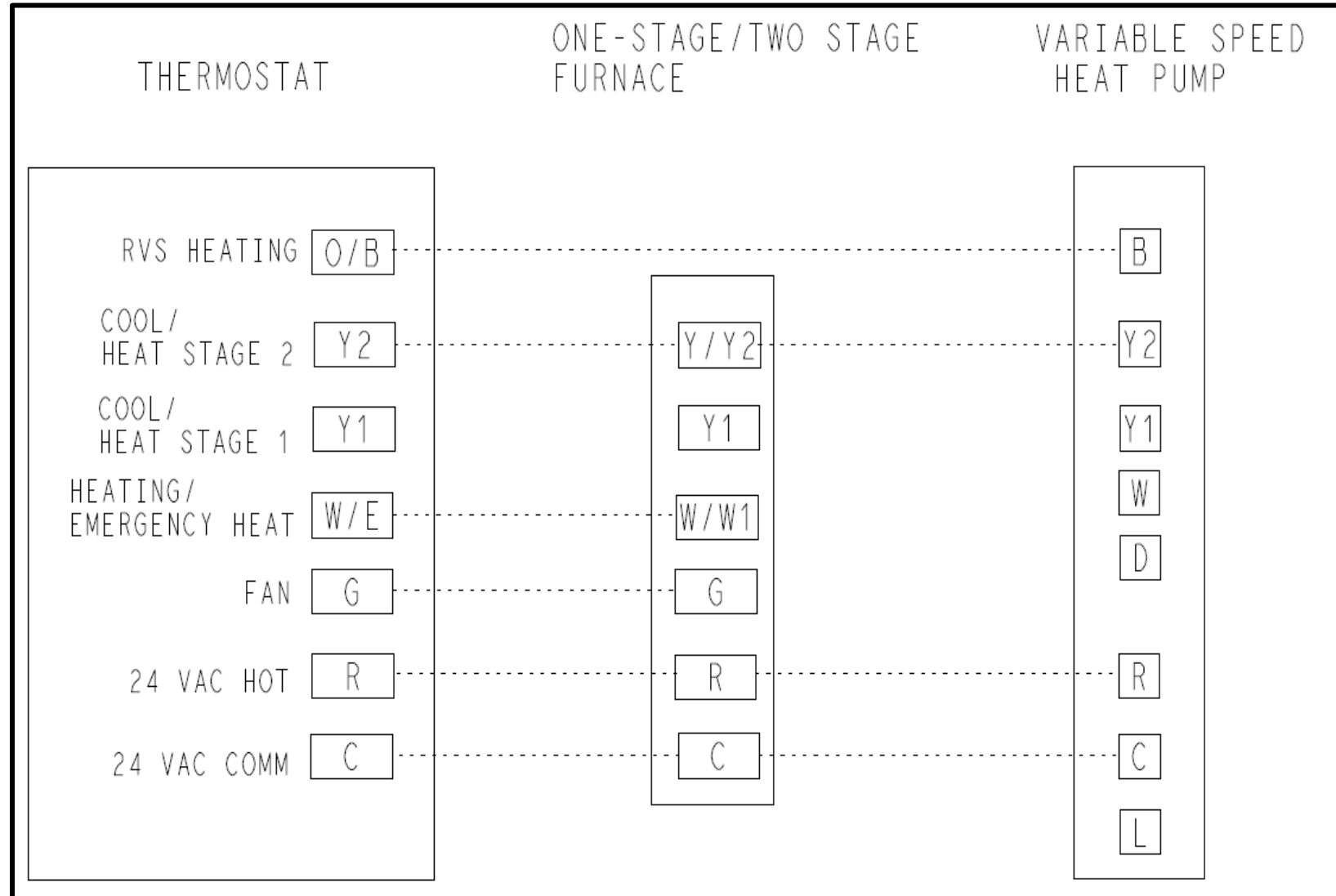
Applies To:

- 935SA-ULTRA LOW NOX
- 8(0,1)*SA
- 912SD & 915SB

Notes:

- 'O/B' ENERGIZED ON HEATING
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE
- MUST USE DUAL FUEL THERMOSTAT FOR ALL FURNACE COMBINATIONS. SIMULTANEOUS HEAT PUMP AND FURNACE OPERATION NOT PERMITTED.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED SINGLE/TWO STAGE FURNACES



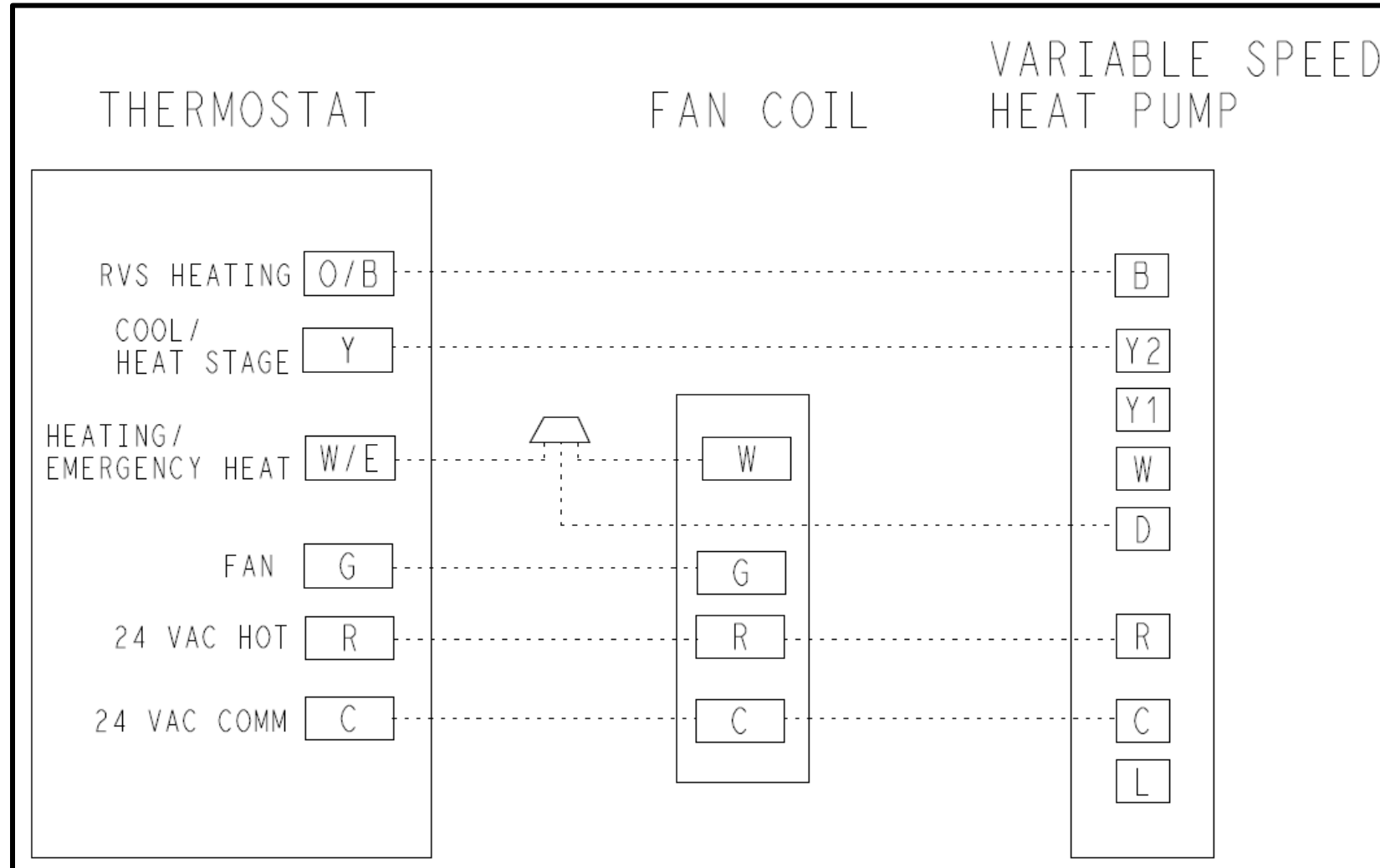
Applies To:

- 82*SA, 926SA-PREFERRED SERIES
- 83*SA-ULTRA LOW NOX
- 82*TA & 926TB-PREFERRED SERIES
- OVL and OVM Oil Furnaces

Notes:

- O/B' ENERGIZED ON HEATING
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE
- MUST USE DUAL FUEL THERMOSTAT FOR ALL FURNACE COMBINATIONS. SIMULTANEOUS HEAT PUMP AND FURNACE OPERATION NOT PERMITTED.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED SINGLE SPEED FAN COIL



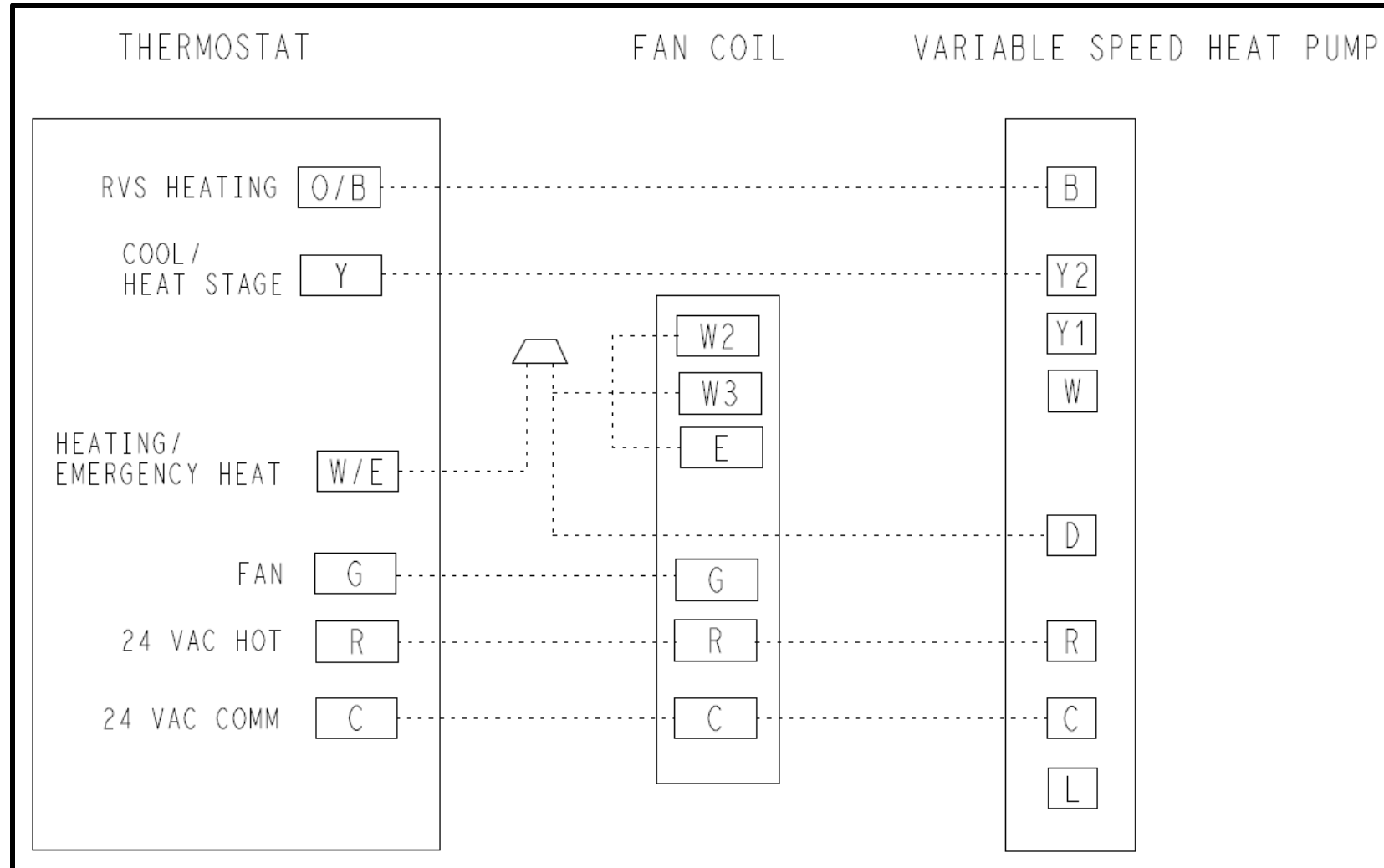
Applies To:

- FMA4

Notes:

- O/B' ENERGIZED ON HEATING
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED SINGLE SPEED FAN COILS



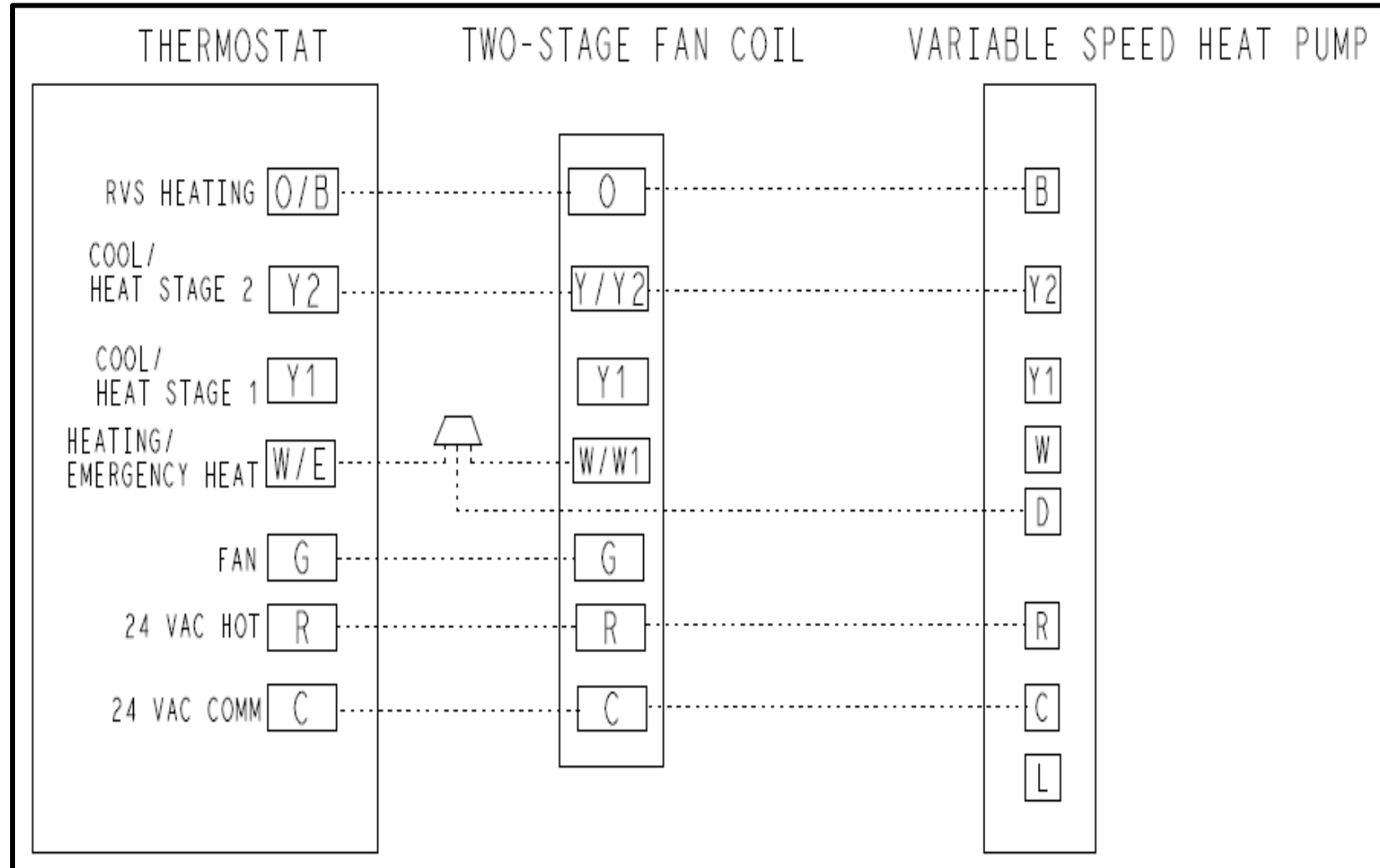
Applies To:

- FJ4
- FB4C
- FX4D

Notes:

- O/B' ENERGIZED ON HEATING
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED TWO SPEED FAN COIL



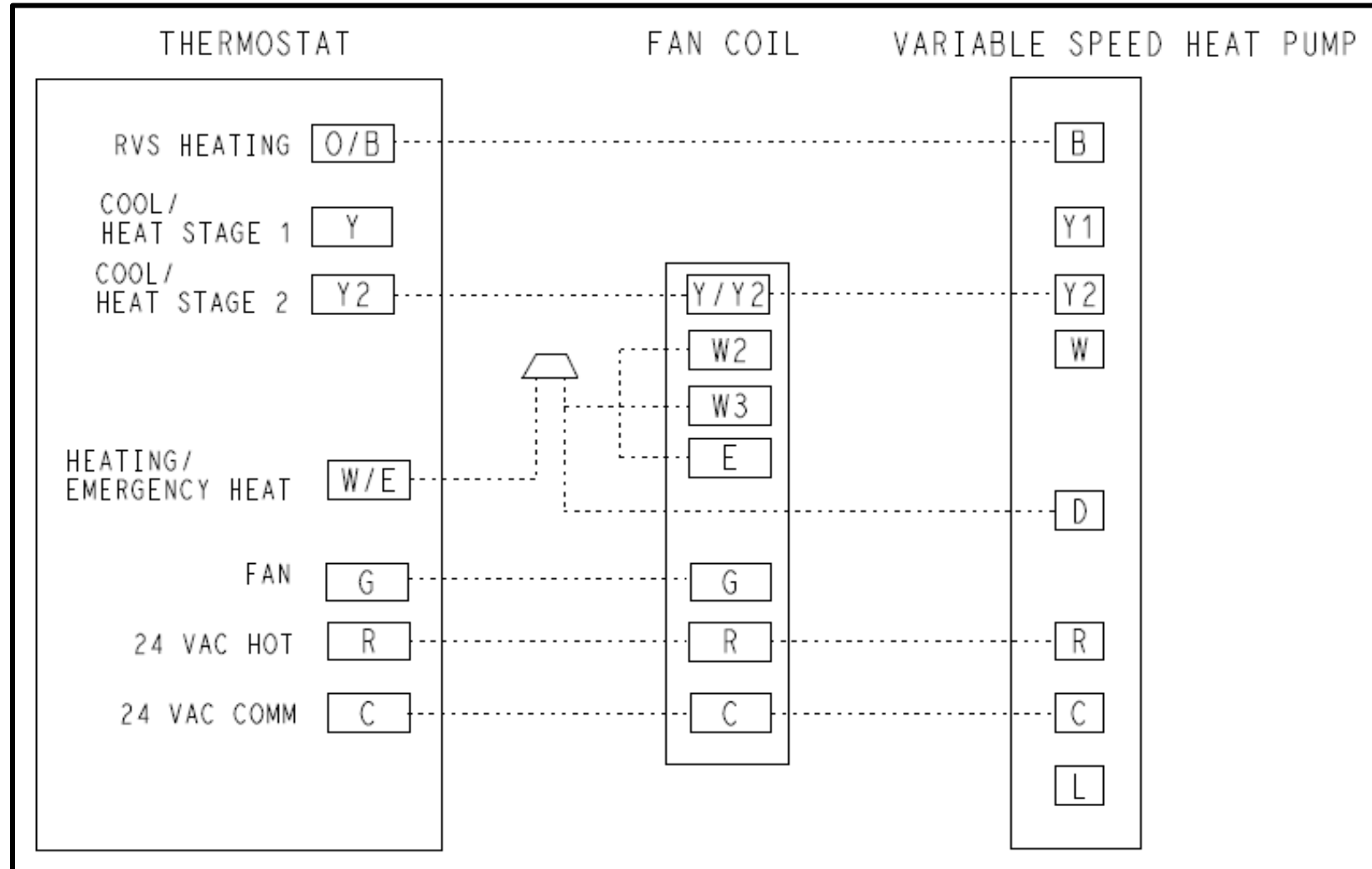
Applies To:

- FV4CN(B,F)

Notes:

- O/B' ENERGIZED ON HEATING
- RECOMMEND 'HP-EFF' SETTING ON EASY SELECT BOARD
- OPTIONAL HUMIDIFICATION AND DEHUMIDIFICATION SETUP NOT SHOWN. REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED TWO SPEED FAN COIL



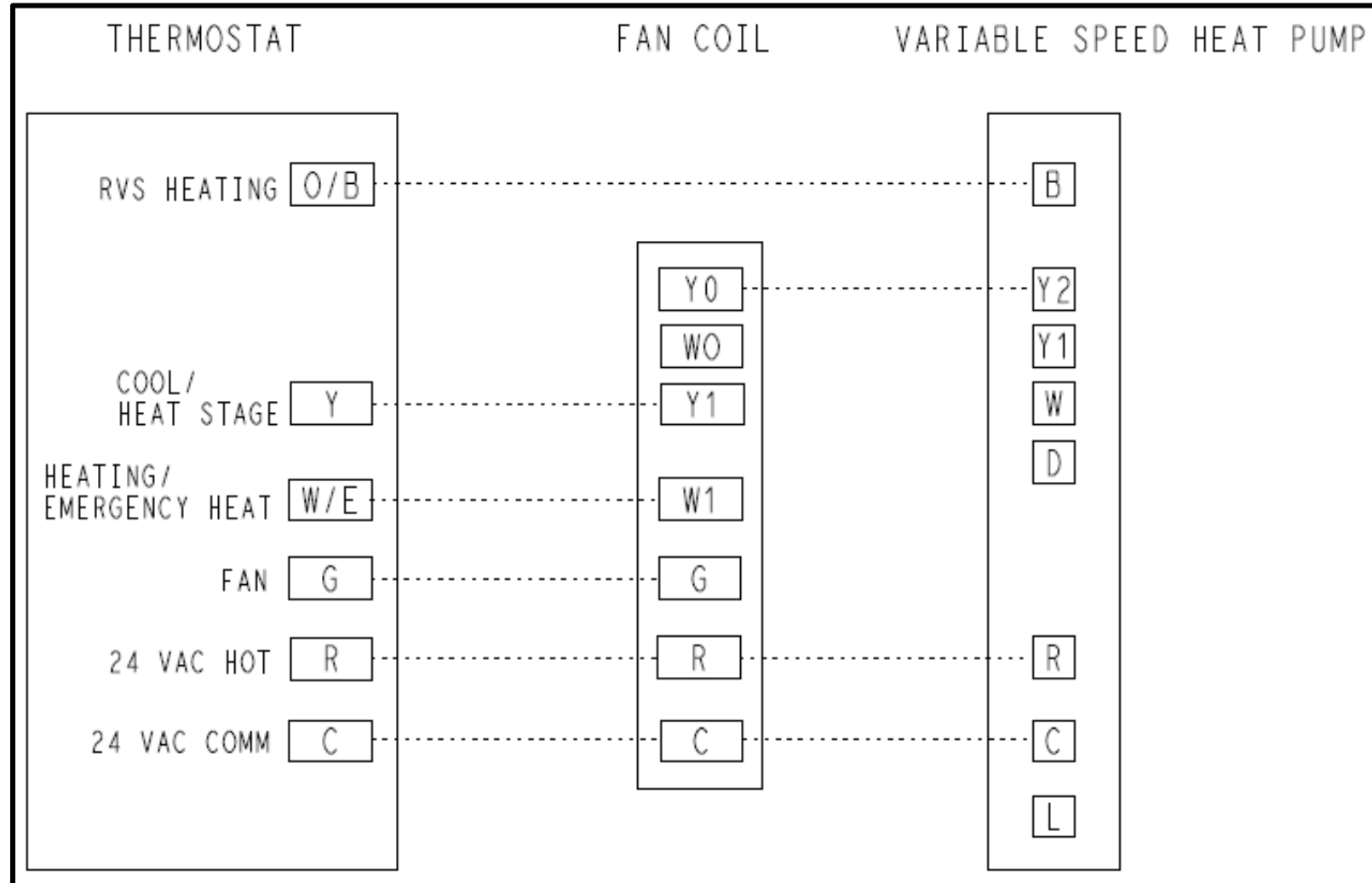
Applies To:

- FZ4ANP

Notes:

- O/B' ENERGIZED ON HEATING
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE.
- REFER TO INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION

38MURA WITH APPROVED SINGLE SPEED FAN COIL



Applies To:

- FMC

Notes:

- O/B' ENERGIZED ON HEATING
- SIMULTANEOUS HEAT PUMP AND ELECTRIC HEATING NOT ALLOWED
- REFERENCE INDOOR UNIT LITERATURE FOR ADDITIONAL INFORMATION ON USE OF DROPOUT RELAY
- HEAT PUMP THERMOSTAT MUST BE USED. CONVENTIONAL THERMOSTAT NOT PERMITTED
- DO NOT USE "W" TERMINAL AT ODU
- 'Y1' TERMINAL AT OUTDOOR UNIT MAY OPTIONALLY BE USED INSTEAD OF 'Y2' FOR A SLOWER COMPRESSOR "RAMP-UP" RATE.