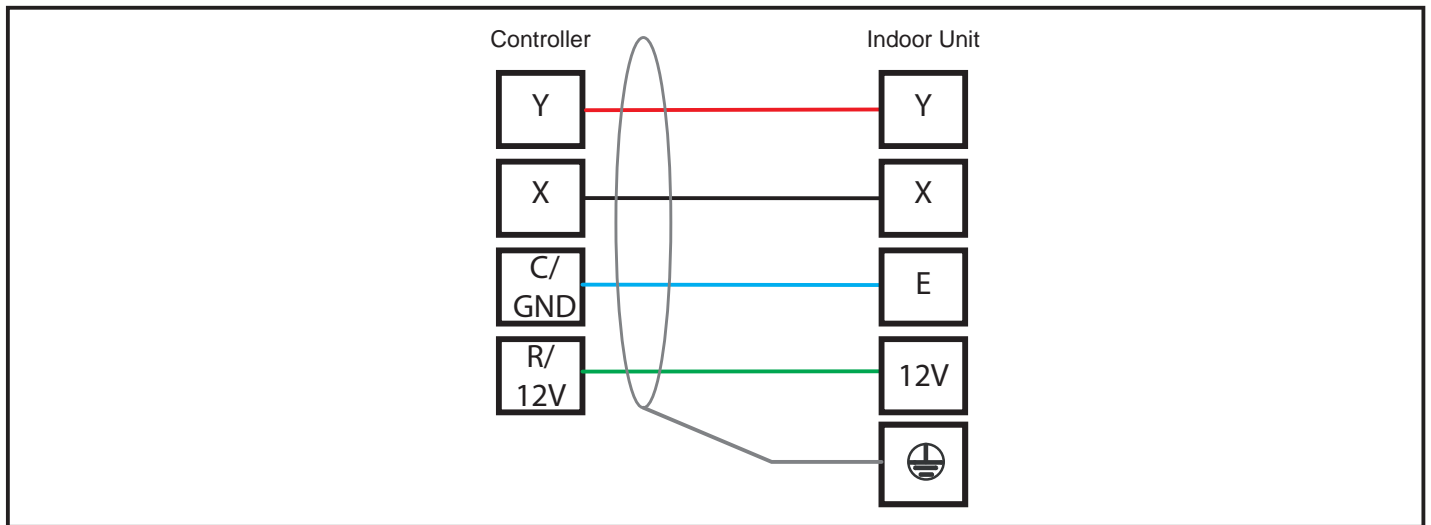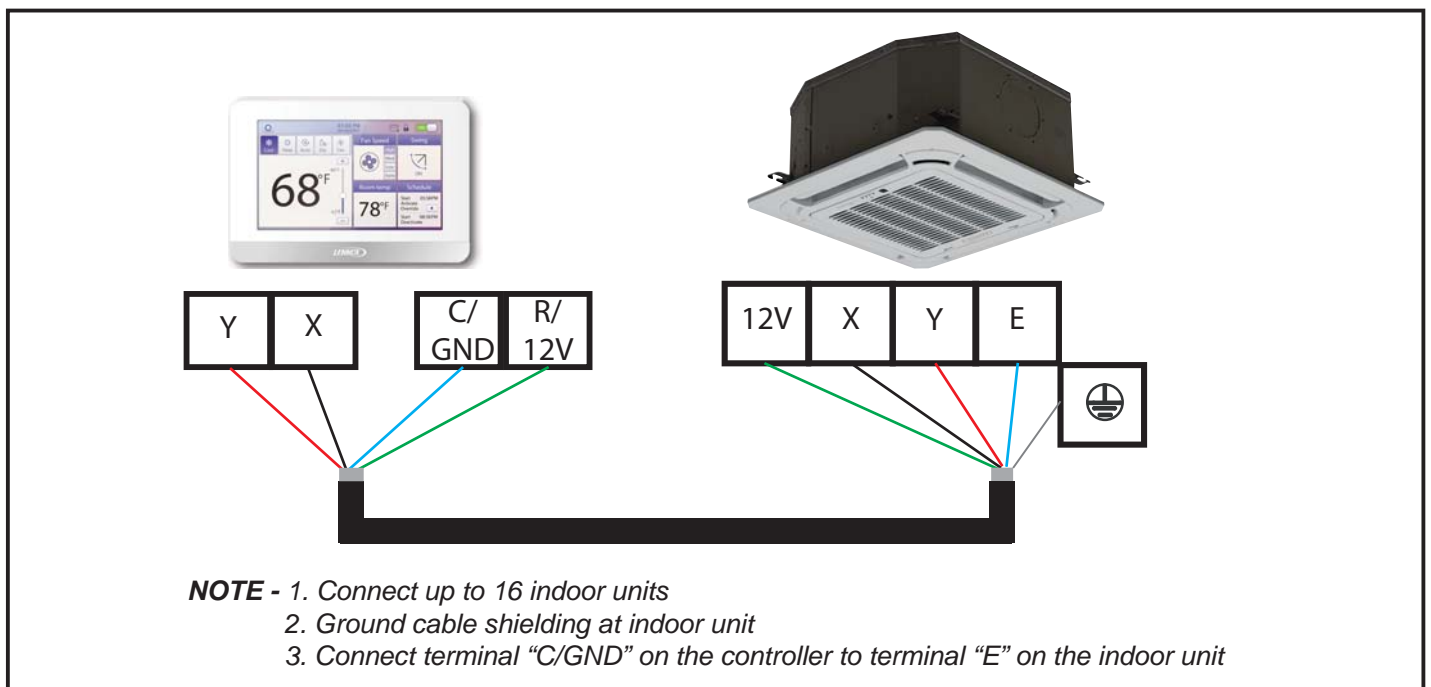# SERVICE AND APPLICATION NOTES
V0STAT51P-2 Wired Controller Wiring Connections

Issue: V0STAT51P-2 wired local controller wiring connection from controller to indoor unit terminal "E" is not clear.
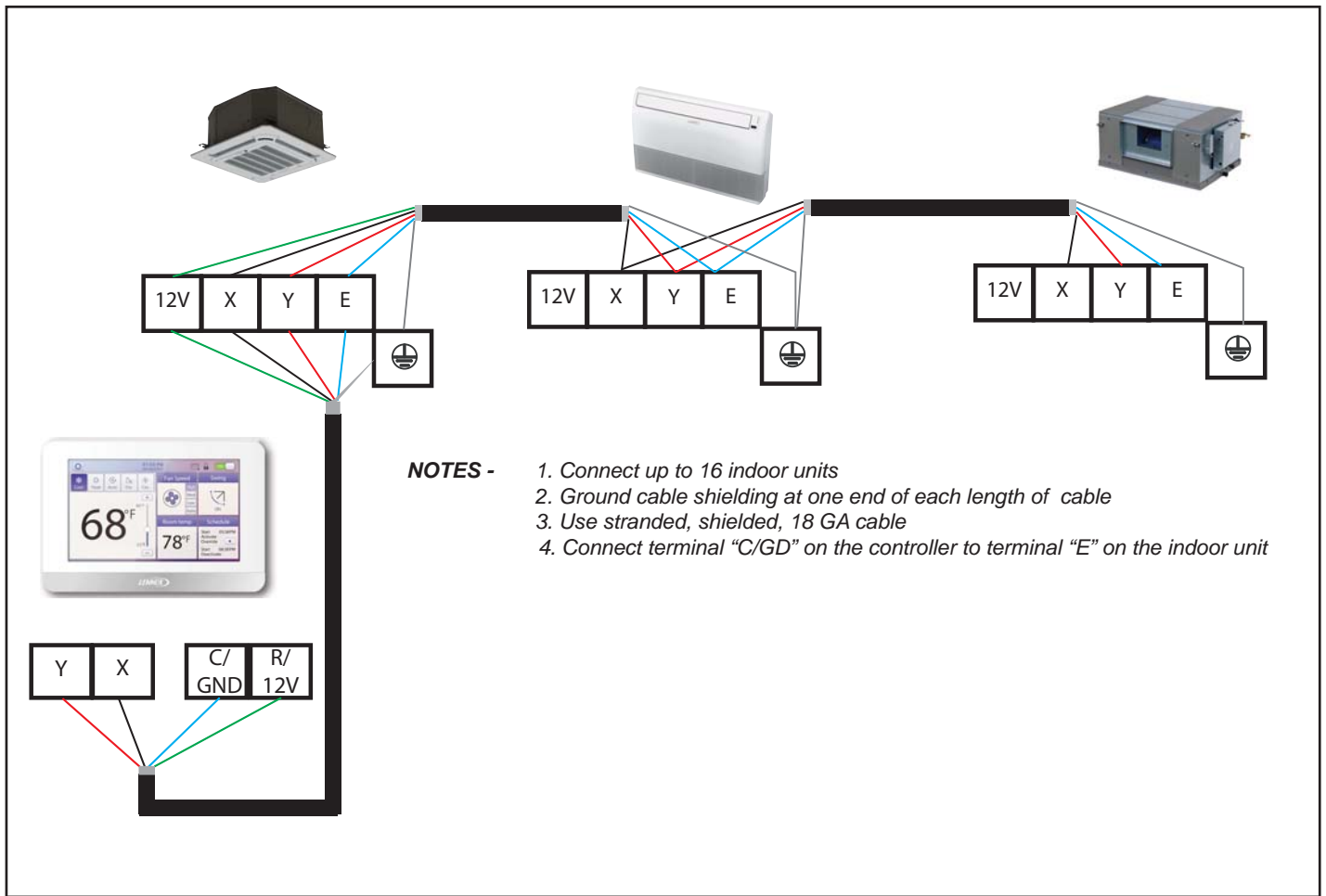
Solution: Connect the controller using the connection diagrams in this bulletin. Connect terminal "C/GND" on the controller to terminal "E" on the indoor unit.

Figure 1. Controller to Indoor Unit Connections

NOTE - *1. Connect up to 16 indoor units*
2. Ground cable shielding at indoor unit
3. Connect terminal "C/GND" on the controller to terminal "E" on the indoor unit

Figure 2. Connect Controller to Single Indoor Unit Wiring Connections

12V	X	Y	E

12V	X	Y	E

12V	X	Y	E

NOTES -
1. Connect up to 16 indoor units
2. Ground cable shielding at one end of each length of cable
3. Use stranded, shielded, 18 GA cable
4. Connect terminal "C/GD" on the controller to terminal "E" on the indoor unit

68°F   78°F

Y	X	C/GND	R/12V

Figure 3. Connect Controller to Multiple Indoor Units Wiring Connections