

Figure 16: Typical field wiring (air handler/electrical heat) (single-phase)

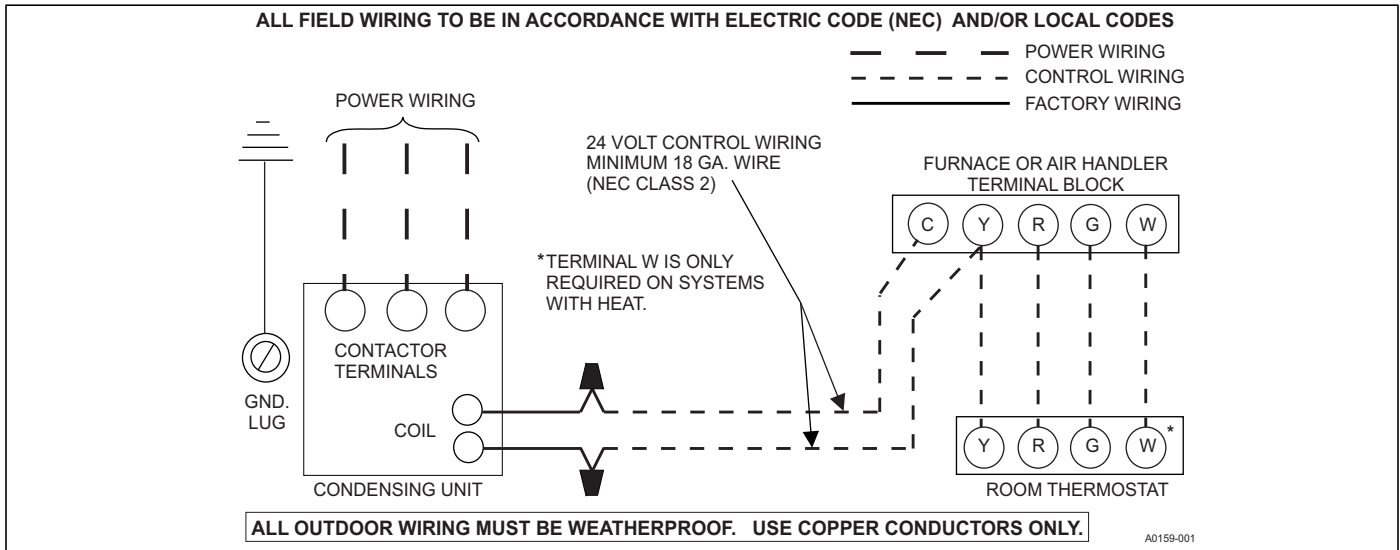


Figure 17: Typical field wiring (air handler/electrical heat) (three-phase)

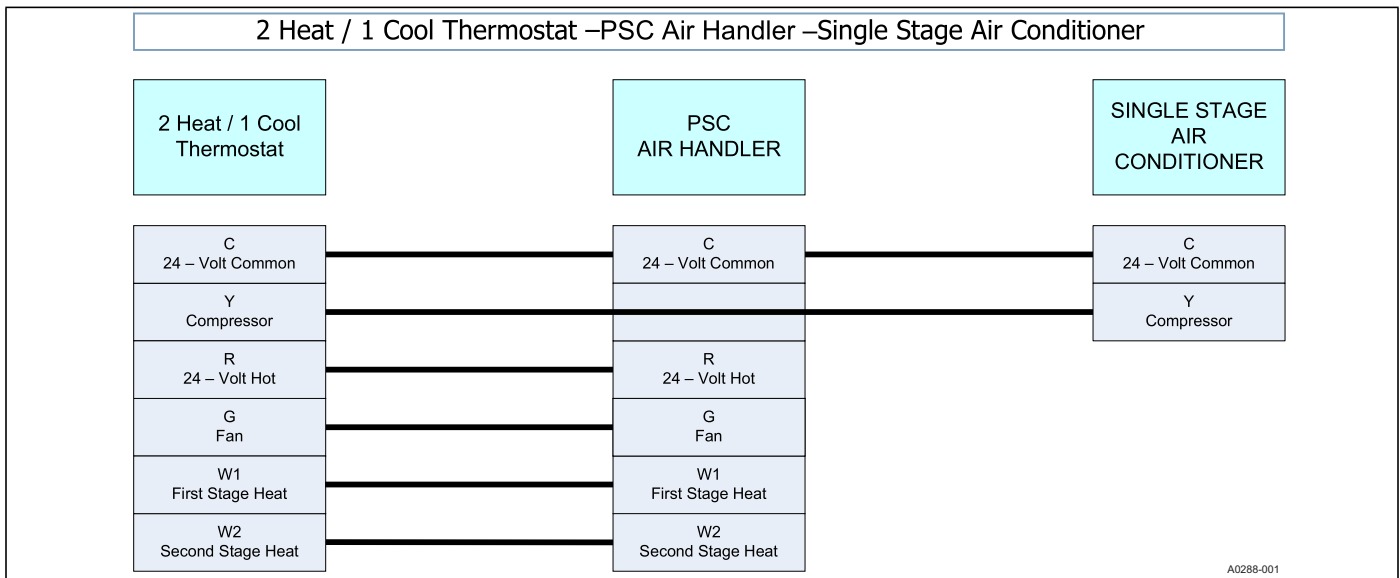


Figure 18: Thermostat chart - PSC air handler with single-stage air conditioner

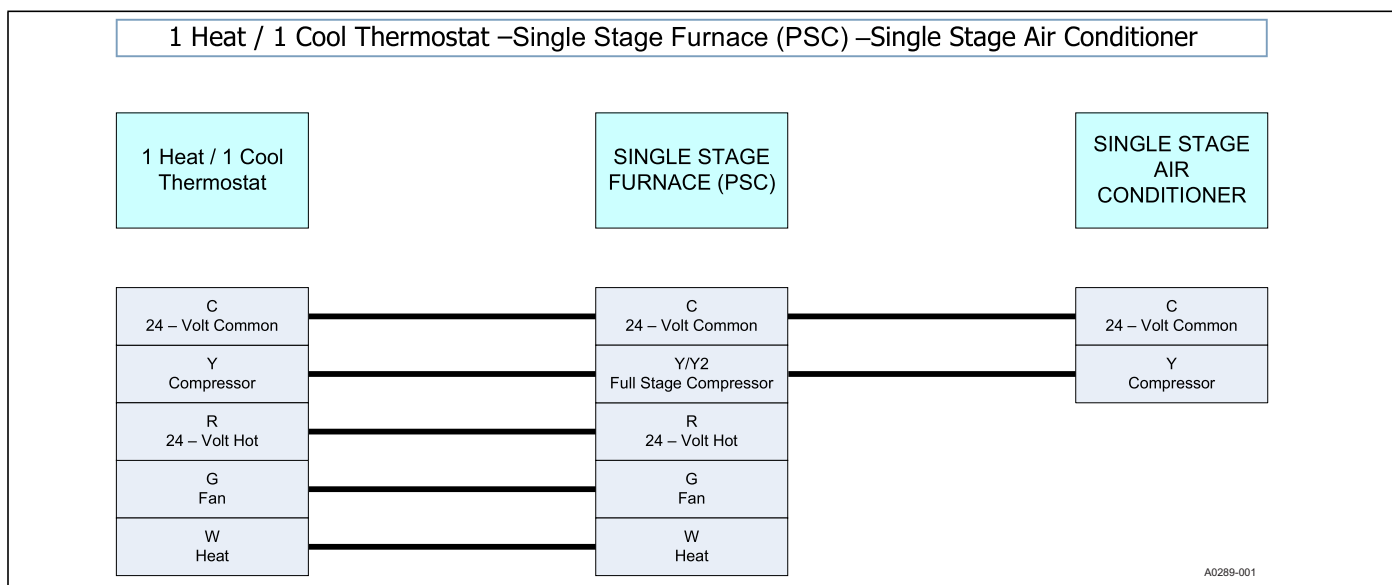


Figure 19: Thermostat chart - single-stage PSC Furnace with single-stage air conditioner

Section VIII: Instructing the user

Assist the user with processing warranty cards or online registration. Review the *User's Information Manual*, and provide a copy to the user and guidance on correct operation and maintenance. Instruct the user how to start, stop, and adjust the temperature setting.

When applicable, instruct the user that the compressor is equipped with a crankcase heater to prevent the migration of refrigerant to the compressor during the OFF cycle. The heater is energized only when the unit is not running. If the main switch is disconnected for long periods of shut down, do not attempt to start the unit until 8 h after the switch has been connected. This allows sufficient time for all liquid refrigerant to be driven out of the compressor.

The installer must also instruct the user on correct operation and maintenance of all other system components.

Maintenance

1. Do not allow dirt to accumulate on the outdoor coils or other parts in the air circuit. Clean as often as necessary to keep the unit clean. Use a brush, vacuum cleaner attachment, or other suitable means.

2. The outdoor fan motor is permanently lubricated and does not require periodic oiling.
3. If the coil needs to be cleaned, use clean water to wash dust, dirt, and debris from outdoor condensing coil.

NOTICE

Do not use coil cleaners to clean outdoor condensing coil. Cleaners containing hydrogen fluoride (HF), hydroxides, chlorides, and sulfates can greatly reduce the lifetime of the micro channel coil.

4. Refer to the furnace or air handler instructions for filter and blower motor maintenance.
5. The indoor coil and drain pan must be inspected and cleaned regularly to prevent odors and assure proper drainage.

⚠ CAUTION

It is unlawful to knowingly vent, release, or discharge refrigerant into the open air during repair, service, maintenance, or the final disposal of this unit.