

Controls Verification Procedure, or CVP, is a nationwide Department of Energy requirement that goes into effect with equipment manufactured after July 7, 2026. It ensures variable speed equipment responds to changes in demand regardless of the type of control that is used. This protects homeowner from systems that are rated high, but “dumbed down” to a single or two stage system.



CVP compliance is required in the following scenarios.

When using a control in **green**, no further action is required. When using a control in **red**, refer to the page shown.

Equipment	Control Options	
26VNA1 with Infinity Furnace	Infinity Touch Control	
27VNA0, 27VNA3, 27VNA1 with Infinity Fan Coil or Furnace	Infinity Touch Control	
27VPA9 with Two-Stage Fan Coil or Two-Stage Furnace	TSTATCCEWF01 or TSTATCCIEWF01	2-Stage 24V Thermostat
37MU with 45MU	KSACN Wall Control	24V Thermostat (see page 2)
37MU with Traditional Fan Coil or Furnace	24V Thermostat (see page 3-4)	
37MA or 37MB Mini Split with 45MA, 45MB or 45MC Fan Coil	Handheld Remote or KSACN Wall Control	24V Thermostat (see page 5)
37MG Multi-Zone Mini Split with 45MA, 45MB or 45MC Fan Coils	Handheld Remote or KSACN Wall Control	24V Thermostat (see page 5)

Equipment

37MU with 45MU

Control Options

24V Thermostat



“Scenario 3” is no longer allowed, so the indoor fan coil and outdoor heat pump must be connected via the S1/S2 terminals. The use of shielded communication or thermostat wire is highly recommended. This is especially important on jobs with a long distance between the equipment, where separation from high voltage conductors cannot be maintained, or in areas with high electrical noise. When using shielded wire, the shield must be grounded at the outdoor unit and stripped back and taped at the indoor unit. Grounding at both ends results in an increase of noise transmitted onto the signal wires.



There is no change to any of the existing AHRI ratings or AHRI numbers



Air damper zoning is now allowed if the static pressure on the system can be held below 0.8” when only the smallest zone is calling. This may require one or more of the following:

- Oversized duct runs to accommodate more airflow
- Dump zone(s) to relieve excess static pressure
- Zone dampers that are adjusted so they do not close all the way
- The ZoneFirst Bypass Eliminator Kit

Regardless of which brand of zone system is used, it must be configured to react when a refrigerant leak is detected by the fan coil’s A2L dissipation board. At a minimum, the system must open all dampers, turn on the indoor fan, and shut down the compressor.

Equipment

Control Options

37MU with Traditional Fan Coil or Furnace

24V Thermostat



A new 24V interface is required, [KSAIC0701230](#). This interface is connected to the outdoor equipment via the S1/S2 terminals using 16 – 18 AWG stranded and shielded communication wire. Standard 18 AWG thermostat wire may be used in retrofit applications for short distances where new wire cannot be installed. Standard thermostat wire is then used between the interface and the furnace or fan coil. When using shielded wire, the shield must be grounded at the outdoor unit and stripped back and taped at the indoor unit. Grounding at both ends results in an increase of noise transmitted onto the signal wires. This interface includes a required return air temperature sensor to be installed in the return air ductwork.

A wiring diagram for a FJ, FG or FT fan coil is shown on page 4.

37MU Serial Number	CVP Compliance
Prior to 0226V... (2nd week of 2026)	Compliant without any modifications, cannot use interface
Between 0226V... and 2626V...	Complaint without any modifications, but will function with KSAIC0701230 interface
After 2626V... (26th week of 2026)	Requires KSAIC0701230 to be compliant



New AHRI numbers must be used which include “+KSAIC0701230” with the indoor unit model. These ratings may be slightly different than the old ratings.



This equipment is preferred when using an air damper zone system. It is best to configure the zone board to output Y2 only if all zones are open.



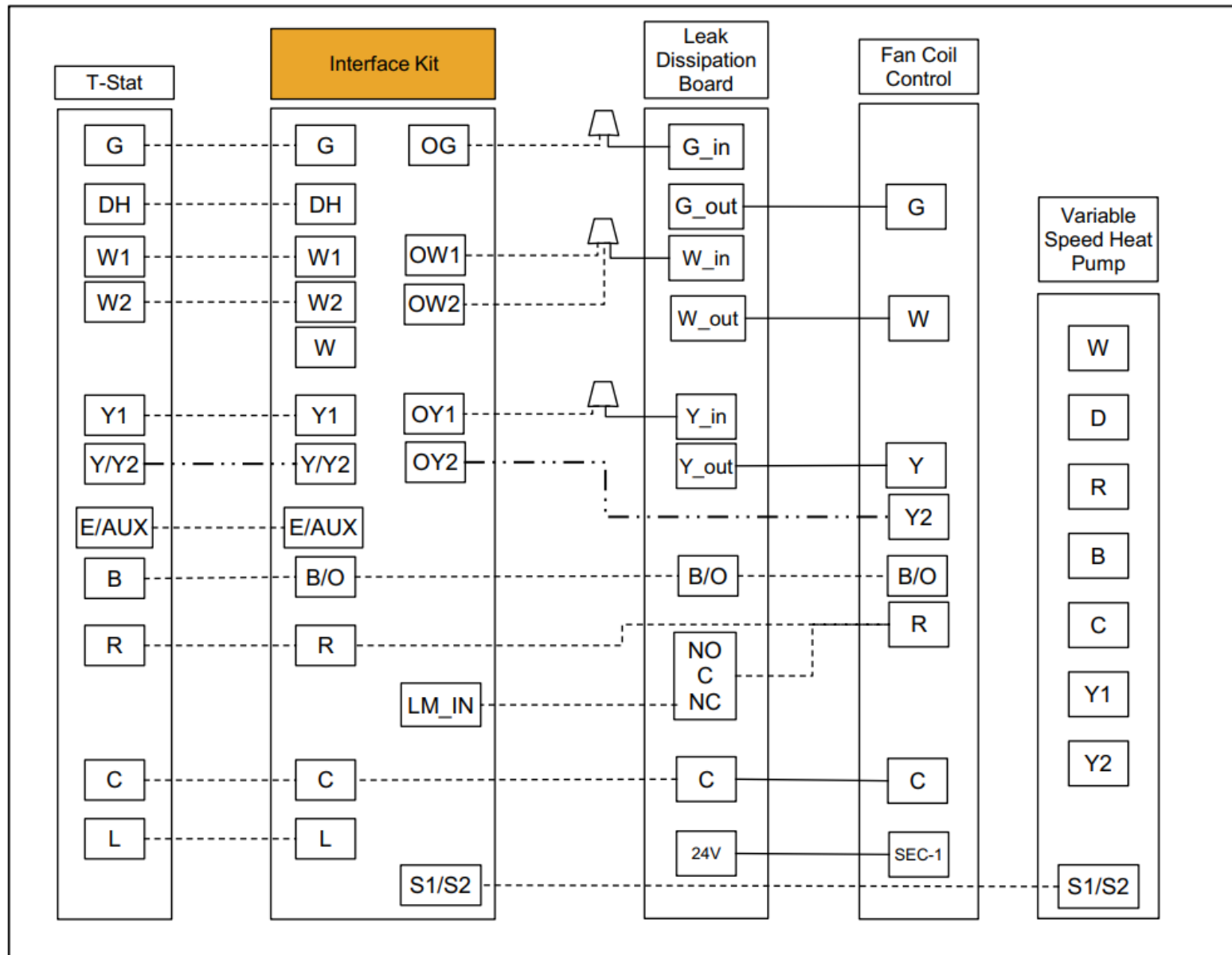
KSAIC0701230 Installation Instructions – [LINK](#)
KSAIC0701230 Submittal - [LINK](#)

Equipment

Control Options

37MU with Traditional Fan Coil or Furnace

24V Thermostat



Equipment

Control Options

37MA or 37MB Mini Split with 45MA, 45MB or 45MC Fan Coil

24V Thermostat

37MG Multi-Zone Mini Split with 45MA, 45MB or 45MC Fan Coils

24V Thermostat



A new 24V interface is required, [KSAIC0801230](#). This interface is connected to the indoor equipment in one of two ways:

- 45MAHAQ, 45MBFAQ: with the provided CN24 cable to the X-Y-E terminals on the indoor multi-function board.
- 45MBDAQ, 45MBCAQ, 45MCCAQ, 45MCFAQ: via the HA/HB terminals using stranded and shielded communication wire. Standard thermostat wire is then used between the interface and the furnace or fan coil. When using shielded wire, the shield must be grounded at the outdoor unit and stripped back and taped at the indoor unit. Grounding at both ends results in an increase of noise transmitted onto the signal wires.

With the 45MBAA air handler, no interface is required.



There is no change to any of the existing AHRI ratings or AHRI numbers



Air damper zoning is not allowed with this equipment.



KSAIC0801230 Installation Instructions – [LINK](#)

KSAIC0801230 Submittal - [LINK](#)