

Integrated Controls Package

Integrated control solutions are provided by the heat pump manufacturers for listing on the ICQPL. This is meant to ensure solutions are approved by the manufacturer and do not invalidate the manufacturer warranty for equipment installed.

To qualify, the IC must switch from heat pumps as the primary to the combustion system as the secondary. The changeover must be done automatically based on a preset outdoor temperature. The outdoor temperature can be determined by a local outdoor temperature sensor or via Wi-Fi weather data. For example, all ductless mini split heads in given heating zone must switch to existing boiler via IC communication with no user interaction.

Dual Fuel Thermostat

Dual fuel thermostats must be capable of doing at least two stages of heat and two stages of cooling and able to automate the changeover between the primary and secondary heat source based on an outdoor temperature. The temperature sensing can be via Wi-Fi weather data or via a local hard wired temperature sensor then it would be approved for the ICQPL.

Integrated Controls Package

| Manufacturer | Model Name | Model # | 24v (Y/N) | Communicating (Y/N) | WiFi Enabled (Y/N) | Notes |
|--------------------------------------|---|--|-----------|---------------------|--------------------|--|
| Any IR Controlled Mini-split + Flair | Puck Pro | FLAIRPUCK001P | N | N | Y | Compatible Mini Split Brands and Compatible Smart Thermostats Listed at: flair.co/integrated-controls Flair Puck Pro is required for each mini split head unit and the Flair system must be digitally cloud integrated with one of the following thermostats: Honeywell: T6 Pro TH6320WF2003, T10 THX321WFS2001W, Round RCH9310WF ecobee: EB-STATE5-01, EB-STATE4-01, EB-STATE3-02, EB-ecobee3-01, EB-STATE3L-01, EB-STAT-02, EB-SMARTSi-01, EB-EMSSI-01 Nest: Third Gen |
| Amana Heating and Air Conditioning | Amana Smart Thermostat | ATST-CWE-BL-A | N | Y | Y | Compatible with all Amana Heating and Air conditioning brand communicating equipment |
| Bosch | 24V Interface | BMS-DRY-XXX | Y | Y | Y* | Requires one 24V Interface Kit, One Third Party Thermostat and double pole double throw (DPDT) relay per indoor unit.*Wi-Fi Enabled based on the thermostat selected. |
| Bosch (Airzone) | Aidoo Pro | AZAI6WSPMD1 | N | Y | Y | Compatible with all ducted and non-ducted units that have X-Y-E wiring. It can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native Mitsubishi controls, switchover can be done based off of outdoor temperature through the app. |
| Carrier | 24V Interface | KSAIC0301230 | Y | Y | Y* | Requires one 24V Interface Kit, one Third Party Thermostat and Double Pole Double Throw (DPDT) relay per indoor unit. *Wi-Fi Enabled based on the Thermostat selected. |
| Cielo WiGle Inc. | Cielo Breez Plus (Smart AC controller for any brand ductless systems) | BP101WA | Y | N | Y | The integrated control solution is based on Cielo's AWS Cloud platform called 'Cielo Linked'. It requires a Cielo Breez Plus smart AC controller (for ductless systems) and a Cielo Smart thermostat for the conventional ducted HVAC system (2H, 2C). No extra hardware or wiring is needed. Both Cielo Breez Plus and Cielo Smart Thermostat are connected through Cielo Linked (cloud platform). Cielo Home App is required to link the devices. Cielo Breez Plus can be powered through a 5V adapter or can be hardwired to 24V. Cielo Smart thermostat is powered through standard 24V wiring. Cielo Linked enables the interplay of connected ductless systems and conventional ducted HVAC system. After powering up the Cielo Breez Plus and Cielo Smart |
| Cielo WiGle Inc. | Cielo Breez Max (Smart AC controller for any brand ductless systems) | BM101WA (Black Color Variant) BM102WA (White Color Variant) | Y | N | Y | The integrated control solution is based on Cielo's AWS Cloud platform called 'Cielo Linked'. It requires a Cielo Breez MAX smart AC controller (for ductless systems) and a Cielo Smart thermostat for the conventional HVAC system (2H, 2C). No extra hardware or wiring is needed. Both Cielo Breez MAX and Cielo Smart Thermostat are connected through Cielo Linked (cloud platform). Cielo Home App is required to link the devices. Cielo Breez MAX can be powered through a 5V adapter or can be hardwired to 24V. Cielo Smart thermostat is powered through standard 24V wiring. Cielo Linked enables the interplay of connected ductless systems and conventional ducted HVAC system. After powering up the Cielo Breez MAX and Cielo Smart |
| CMNA ICP-MIDEA | 24V Interface | KSAIC0401230 | Y | Y | Y* | Requires one 24V Interface Kit, one Third Party Thermostat and Double Pole Double Throw (DPDT) relay per indoor unit. *Wi-Fi Enabled based on the Thermostat selected. |
| Cooper&Hunter | IFTTT | WIFI Module CH-WIFI01M & Smartport | N | Y | Y | IFTTT App connects Cooper&Hunter with IFTTT through C&H wifi remote app. Current IFTTT compatible thermostats (for additional heat source) include Ecobee, and Honeywell as of 11/1/19. For list of devices, go to www.ifttt/services (Environment Control & Monitoring). Integration is capable by logging compatible thermostat for additional heat source and Cooper&Hunter wifi remote app for Cooper&Hunter system into IFTTT, then creating applet allowing IFTTT to adjust primary and secondary heating systems, based on outdoor temperature. |
| Daikin | One+ (Replaces ENVI) | DTST-ONE-ADA-A (Replaces DACA-TSI-1) | Y | Y | Y | Compatible with Daikin Mini-Split and Multi Split Heat Pump Products. Thermostat is provided with communication adaptor that requires 110-240 VAC power supply. Additional adaptor (KRP980B2E) required for connection to FTX__NMVJU indoor units. |
| Daikin | Daikin One Lite Connected Thermostat | DTST-LTE-LA-A | N | Y | Y | Compatible with most Daikin brand mini and multi split systems, see www.daikinone.com for specific details |
| Daikin | Daikin One Touch Smart Thermostat | DTST-TOU-A | N | Y | Y | Compatible with all Daikin brand communicating equipment |
| Daikin (Airzone) | DKN Plus Interface | AZAI6WSPDKC | N | Y | Y | Compatible with Daikin Mini Splits and Daikin VRV indoor unit and allows integration of any thermostat to control the indoor unit operation. Can provide full integration via cloud API, Modbus or BACnet MSTP to control and monitor the indoor unit operation |

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| EWC Controls | Ultra-Zone | BMPPlus 3000 | Y | Y | Y* | *With WiFi capable thermostat. Zone control for Centrally Ducted Heat Pump systems |
| EWC Controls | Ultra-Zone | BMPPlus 5000 | Y | Y | Y* | *With WiFi capable thermostat. Zone control for Centrally Ducted Heat Pump systems |
| EWC Controls | Ultra-Zone | BMPPlus 7000 | Y | Y | Y* | *With WiFi capable thermostat. Zone control for Centrally Ducted Heat Pump systems |
| EWC Controls | Ultra-Zone | UZC-4 | Y | Y | Y* | *With WiFi capable thermostat. Zone control for Centrally Ducted Heat Pump systems |
| EWC Controls | Ultra-Zone | UZC-6 | Y | Y | Y* | *With WiFi capable thermostat. Zone control for Centrally Ducted Heat Pump systems |
| Fujitsu | Wired Remote Controller (Touch Panel) | UTY-RNRUZ* | N | Y | N | J Series & RGLX only - The existing heat source is energized is to be operated through a 3rd party control circuit, via a 12 VDC external output signal from the indoor unit PC board. Primary Heat lockout or secondary heat lockout based on outdoor temperature is available. |
| Fujitsu | Wired or Wireless Remote Controller | Various | N | Y | N | See instructions for compatible equipment. The alternate heat source is operated through a 3rd party control circuit, via a 12 Vdc external output signal from the indoor unit PC board. Primary heat lockout or secondary heat lockout based on outdoor temperature is available. Fujitsu General Remote Controllers (7 Items) Fujitsu General - Integrated Heating Control (Remote Controller) - Instructions |
| Fujitsu | N2000 (Replaces Novus N2020) | 8200200130 (Replaces 8202011300) | Y | N | N | *Former controller Novus N2020* N2000 is the replacement series controller recommend by Fujitsu to be used with Airstage or Halcyon Mini-Split Heat Pump System. N2000 senses outside temperature and closes the control contact when the outside temp is about the set temp. When closed, this contact will enable the Halcyon to heat or cool based on the temp setting of the Halcyon System; when this contact is open, it will inhibit the Heat Pump from working. The installation requires both a wiring kit and external control board supplied by Fujitsu to be added to the inside unit. NOVUS N2020 Temperature Controller - Operation Manual NOVUS N2020 Temperature Controller - Operation Manual |
| Fujitsu | Thermostat Converter | UTY-TTRX | Y | N | N | Required installation includes a Thermostat Converter and 24 volt transformer (one UTY-TTRX can connect up to 16 indoor units), plus a dual fuel thermostat from QPL. Best as IC solution for single head, multhead, or air handler installations. Dual Fuel thermostat replaces existing central heat thermostat. Indoor units connected to each adapter (plus dual fuel thermostat) acts as Single Zone. Fujitsu General - Integrated Heating Control (3rd Party Thermostat) - Instructions Third Party Thermostat Interface UTY-TTRXZ1 - Installation Manual |
| Fujitsu | WiFi Thermostat | Various | Y | Y | Y | Honeywell Wi-Fi thermostat compatible with Gas, Electric and Oil on forced air, and radiant boilers |
| Fujitsu | WiFi Interface (UART) | UTY-TFSXF1 | N | Y | Y | IFTTT solution combining any of the (3) WiFi Interface Modules listed at left; a Honeywell dual-stage Wi-Fi thermostat with IFTTT capability, used to control the existing heat source; and the IFTTT App. Access to Fujitsu IFTTT Installation Instructions are available via the below link upon establishing a Fujitsu account Fujitsu General - Integrated Heating Control (IFTTT) - Instructions |
| Fujitsu | WiFi Interface (2-Wire Indoor Units) | UTY-TFSXZ2 | N | Y | Y | 2-Wire WiFi Module UTY-TFSXZ2 - Setting Manual |
| Fujitsu | WiFi Interface (3-Wire Indoor Units) | UTY-TFNXZ2 | N | Y | Y | 3-Wire WiFi Module UTY-TFNXZ2 - Setting Manual |
| Airzone (Fujitsu) | Airzone Aidoo Pro (2 wire/UART) | AZA16WSPFU2 | N | Y | Y | Aidoo Pro Modules communicate with the Fujitsu system through UART connection for 2 wire units and to the control terminals for 3 wire units. The controls allow for optional simultaneous use of Fujitsu control and or 3rd party thermostat from QPL. Dual Fuel thermostat replaces existing heat thermostat. Aidoo Pro module has "AUX" heat output, can be used stand alone without additional controls to disable heat pump operation and close AUX output through "AIRZONE CLOUD" app programming. FT_AZA16WSPFU2_MUL.pdf (airzonecloud.com) |
| Airzone (Fujitsu) | Airzone Aidoo Pro (3 wire) | AZA16WSPFUJ | N | Y | Y | Aidoo Pro Modules communicate with the Fujitsu system through UART connection for 2 wire units and to the control terminals for 3 wire units. The controls allow for optional simultaneous use of Fujitsu control and or 3rd party thermostat from QPL. Dual Fuel thermostat replaces existing heat thermostat. Aidoo Pro module has "AUX" heat output, can be used stand alone without additional controls to disable heat pump operation and close AUX output through "AIRZONE CLOUD" app programming. FT_AZA16WSPFU2_MUL.pdf (airzonecloud.com) |
| Gree | Honeywell T6 Pro Smart | TH6320WF 2003 | Y | N | Y | Requires Honeywell T6 Pro Smart (TH6320WF 2003) WiFi thermostat that turns on the secondary heat source at 40° and "Set Point" Programmable Flair Gateway (115v) WiFi 2.4Ghz Puck that will ensure the Gree mini split heat pump will be on when thermostat turns off the secondary heat. Appropriate WiFi accessibility is provided by the homeowner and not included in this package. |
| Haier | Flair Puck | ICS001P | N | N | Y | |
| Haier | IFTTT | QAWF01A | N | Y | Y | Requires Ecobee Thermostat integration with Haier WiFi via IFTTT Applets. Proper understanding and installation of the Ecobee thermostat is a prerequisite. |
| Haier and GE Appliances | UACT32A - Wired Central Controller | UACT32A | Y | Y | Y | UACT32A is a 24VAC controller for residential and light commercial HVAC applications. Its interface supports dry contacts and digital interface with Haier and GE Appliances HVAC products. |
| Hisense (Airzone) | Aidoo Pro | AZA16WSPHS1 | N | Y | Y | Compatible with all ducted and non-ducted units using the CN-WIRED/CN18 terminal. It can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native Mitsubishi controls, switchover can be done based off of outdoor temperature through the app. |
| LG Electronics | Third Party Tstst Method L Model Series IDU | PDRYCB300 | Y | N | Optional | LG Option 1: PDRYCB300 + 24 V Trans. + Thermostat (1 Per IDU) |

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| LG Electronics | Aux Heater Kit Highwall Multi | PRARS1 | Y | Y | N | LG Option 2: Wall Units Multi Zone Idu Aux Htr Relay Prars1 (1 Per IDU) |
| LG Electronics | Aux Heater Kit All Ducted/Cassette | PRARHO | Y | Y | N | LG Option 3: Aux Htr Relay Prarh0 Ducted, Cassette Idu (1 Per IDU) |
| LG Electronics | Third Party Tstst Method A Model Series IDU | PDRYCB300 | Y | N | Optional | LG Option 4: Arnu Series IDU PDRYCB300+ 24 V Trans. + Thermostat (1Per IDU) |
| LG Electronics (Airzone) | Aidoo Pro | AZAI6WSPLGE | N | Y | Y | The Airzone Aidoo Pro is compatible with all ducted and non-ducted units that have a CN_REMO plug. The Aidoo Pro can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native LG controls, switchover can be done based off of outdoor temperature through the app. |
| LG Electronics | A Series Idu Model - Dry Contact Built In | ALL "A" SERIES IDU | Y | Y | Y | LG Option 5: Arnu Series IDU + 2 Stage Tsat With Wired/Wireless/Internet Odt Sensing Wired Through Relay To Cn-Ext Of Any (1) IDU |
| LG MFG | Thermostat | PREMTVBC0 | Y | Y | N | 2 SET PT HTG&CLG 7DAY |
| LG MFG | Thermostat | PREMTBVC1 | Y | Y | N | 2 set pt htg&clg 7day/humid sensor opt-zigby occ sensors |
| LG MFG | Thermostat | PREMTC00U | Y | Y | N | Simple Thermostat |
| LG MFG | Thermostat | PREMTA000 | Y | Y | N | Premium LG Thermostat |
| LG MFG | Dry Contact | PDRYCB320 | Y | N | N | Dry contact for third party t-stat |
| Mitsubishi Electric | Kumo Station | PAC-WHS01HC-E | N | N | Y | Requires an outdoor temperature sensor and each unit needs a Kumo Cloud interface |
| | Outdoor Temperature Sensor | C7089U1006/U | | | | |
| | Kumo Cloud wireless interface | PAC-USWHS002-WF-1 or PAC-USWHS002-WF-2 | | | | |
| Mitsubishi Electric | Thermostat Interface | PAC-US444CN-1 or PAC-US445CN-1 | Y | Y* | Y* | Requires a T-Stat Interface and transformer for each indoor unit, and a 2 stage thermostat by any manufacturer. ACTS AS IC WITH QPL LISTED THERMOSTAT. To operate the indoor unit via Thermostat Interface (PAC-US444CN-1) using a 24VAC thermostat in the heat pump configuration (using O/B with Y1 & Y2 output) requires a double pole-double throw relay, see Application Note 3044. *Depends on Thermostat Selected. |
| | Transformer | VPL24-210 | | | | |
| Mitsubishi Electric | Kumo Cloud with IFTTT compatible Thermostat | PAC-USWHS002-WF-1 PAC-USWHS002-WF-2 | N | Y | Y | IFTTT App connects Mitsubishi Electric Kumo Cloud with any IFTTT compatible thermostat. Current IFTTT compatible thermostats include Ecobee, and Honeywell as of 11/1/19. For list of devices, go to www.ifttt/services (Environment Control & Monitoring). Integration is capable by logging compatible thermostat and Kumo Cloud into IFTTT, then creating applet allowing IFTTT to adjust primary and secondary heating systems, based on outdoor temperature. |
| Mitsubishi Electric | CN24 Relay Kit and compatible indoor units | CN24RELAY-KIT-CM3 | Y | N | N | Install CN24 relay kit in parallel with or without back-up heat thermostat to activate second stage on droop temperature. Outdoor balance point temperature can be set for CN24 activation on models with handheld control. Above high set temperature, only heat pump operation is available. When outdoor temperature is below balance point temperature setting, back-up heat is available when indoor temperature droops 2.7 F below set-point. Back up heat will operate until indoor temperature reaches set-point temperature of heat pump, heat pump continues to operate throughout. Compatible indoor unites include Wall Mounted MSZ-FS Series, Floor Mounted MFZ-KJ Series, Ceiling Cassettes MSZ-SLZ & MSZ-MLZ, Ducted units SVZ, PVA, SEZ, PEAD series products. |
| Mitsubishi Electric | Airzone | AZZBSR2MEL | N | Y | Y | Compatible with Mitsubishi M-Series, P-Series, & S-Series indoor units. Provides means of controlling any heating and cooling source equipment and specifying sequence of stages as well as differential temperature for activation of secondary sources. WIFI & Bacnet functionality optional. |
| Airzone (Mitsubishi) | Aidoo Pro | AZAI6WSPMEL | N | Y | Y | The Airzone Aidoo Pro is compatible with all ducted and non-ducted units that have a CN105 plug. The Aidoo Pro can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native Mitsubishi controls, switchover can be done based off of outdoor temperature through the app. https://doc.airzonecloud.com/Documentation/AZ6/AI6/FT_AZAI6WSPMEL_MUL.pdf |
| Airzone (Mitsubishi) | VAF | AZVAFCB2MEL | N | Y | Y | Compatible with Mitsubishi M-Series, P-Series, & S-Series indoor units. Provides means of controlling any heating and cooling source equipment and specifying sequence of stages as well as differential temperature for activation of secondary sources. WIFI & Bacnet functionality optional. |
| Mitsubishi Electric | intelli-HEAT Cased Coil | PAA-A18AA1, PAA-A18BA1, PAA-A24AA1, PAA-A24BA1, PAA-A30AA1, PAA-A30BA, PAA-A36BA1, PAA-A36CA1, PAA-A42BA1, PAA-A42CA1 | Y | N | N | Compatible with any thermostatically controlled ANSI Z21.47/CSA 2.3 certified furnaces natural gas or propane furnace. Multiple balance point settings for heat pump and furnace operation to ensure sustainable and cost-effective heating (-11° F, 9° F, 14° F, 19° F, 27° F, 32° F, Furnace only). Intelligent Comfort Control function ensures homeowner comfort independent of balance point setting |
| Resideo Technology Inc. under the Honeywell Home Brand | D6 Pro Wi-Fi Ductless Controller | DC6000WF1001/U | N | N | Y | This solution is cloud-based, and utilizes a D6 controller with the Mini-Split and a T Series Wi-Fi thermostat on the conventional HVAC system. This would be at a 1:1 relationship. There are no other devices needed other than the two thermostats. There is no additional wiring needed. A simple to use feature, curated and available in the Honeywell Home thermostat App, pairs the two devices in minutes and the cloud algorithm takes over from there. The D6 Controller will work with the Honeywell Home T5, T5+, T6, T9 and T10, demand response capable, smart thermostat line. These models include: RCHT8612WF2005/U or W; RCHT8610WF2006/U or W; RCHT9510WFSW2003/U or W; RCHT9510WFW2001/U or W; TH6220WF2006/U and TH6320WF2003/U. The D6 Controller and T-Series Thermostats can be found at the Resideo.com website for more information. (The D6 Controller is powered by 120V - it plugs into a standard wall outlet) |

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| Samsung HVAC | Thermostat Adaptor | MIM-A60UN | Y | N | N | Requires T-Stat adaptor (maximum 2 indoor units per adaptor), 24VAC transformer, and dual fuel thermostat by any manufacturer |
| Samsung HVAC | Samsung Wi-Fi Adaptor | MIM-H04UN | N | Y | Y | Compatible with all Samsung: DVMS, single zone CAC systems, FJM systems with Ducted, Cassette, and/or Console units connected. Once the Wifi adaptor is installed the Smart Things App controls up to 16 indoor units simultaneously and the balance point chngover of the Honeywell thermostat. The following thermostats are required for the integration of secondary heat source. Honeywell: TH6320WF2003/U, TH6220WF2006/U, TH8321WF1001/U, TH9320WF5003/U. All Samsung residential wind free wall units already have WiFi adaptor pre- installed and would just require one of the listed thermostats. |
| Samsung HVAC | SmartThings with SmartThings compatible Thermostat | All Samsung SmartThings-enabled Mini-splits, Heat Pumps, Cassettes, etc. See Notes for Models. | N | Y | Y | Samsung HVAC products using SmartThings App to connect to any of the following ST enabled thermostats from the following brands: 2gig, American Standard, Ecobee, Fibaro, Nest, Honeywell, Lux, Nexia, Popp, Sinope, Stelpro, Trane, Zen. See link below for specific models. https://www.smarthings.com/products-list *wifi enabled Dual Fuel Thermostat must be listed on IC QPL. Integraton is possible by adding compatible thermostat to SmartThings App and automating controls through the App. The following Samsung HVAC models support SmartThings: WindFree 2.0, WindFree 2.0e, Max Heat 2.0, Max, Quantum 2.0, Free Joint Multi, Slim Duct, Free Join Multi Max Heat, WindFree Mini 4-way Cassette, Console, 360 Cassette, Windfree 4-way Cassette, Duct S, Multi-Position Air Handler, High Wall, Light Commercial Outdoor Unit, Light Commercial Max Heat Outdoor Unit, Windfree 4-way Cassette Max Heat, Duct S Max Heat, Multi-Position Air Handler Max Heat, minus40 Low Ambient Cooling, DVM S Eco, DVM S Water, HSP Duct, OAP Duct, Big Ceiling, Under Ceiling, Floor Standing, 30, DVM S Max Heat. See link below for specific model numbers. https://www.samsunghvac.com/products |
| Samsung HVAC (Airzone) | Aidoo Pro | AZAI6WSPSA2 | N | Y | Y | The Airzone Aidoo Pro is compatible with all ducted and non-ducted units that have F3 and F4 communication terminals. The Aidoo Pro can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native Samsung controls, switchover can be done based off of outdoor temperature through the app. |
| Panasonic | Honeywell LYRIC | TH8732WFH5002/U | Y | Y | Y | Fossil Fuel Tstat For Panasonic IC QPL Solution |
| Panasonic | Honeywell LYRIC T6 | TH6220WF2006 | Y | Y | Y | Fossil Fuel Tstat For Panasonic IC QPL Solution |
| Panasonic | IFTTT Connect | PICDF19 | N | Y | N | IFTTT App connects Honeywell D6 integrated with a Panasonic mini-split and a Honeywell Lyric integrated with and auxiliary heat system. Installation contractors shall complete Panasonic training and be authorized to install Panasonic residential mini-split heat pumps. |
| Pioneer | 24V Interface | TST-24VIM-ECFMS | Y | Y | Y* | Requires one 24V Interface Kit, one Third Party Thermostat and Double Pole Double Throw (DPDT) relay per indoor unit. *Wi-Fi Enabled based on the Thermostat selected. |
| Pioneer | IFTTT | TST-APWIFIMUSB TST-LCACWIFIKP | N | Y | Y | IFTTT connects to the WiFi-enabled Pioneer split heat pump via the smartphone app, allowing for two-way communication between the mini split and the main heat source. Then an IFTTT applet can be created to allow for automatic changeover between the primary and secondary heat sources, based on the real-time outdoor temperature. The main heat source should be controlled via a WiFi and IFTTT compatible 3rd party thermostat, such as Nest, Ecobee, or Honeywell Home. For a full list, see https://ifttt.com/explore/services |
| Pioneer (Airzone) | Aidoo Pro | PAZAI6WSP01 | N | Y | Y | The Airzone Aidoo Pro is compatible with all Pioneer ducted and non-ducted units that have X-Y-E wiring. The Aidoo Pro can be used with any 3rd party thermostat and the integrated control can be done through the thermostat, or the Aidoo Pro can be used on its own for the integrated control as it has an Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic. If using the Aidoo Pro with native controls, switchover can be done based off of the current outdoor temperature through the app. |
| ZONEFIRST | Zone Control Panel | H32 & H32P | Y | N | N | Two and Three Zone Control for Single and Two Stage/Speed Heat Pumps w/Dual Fuel and most all conventional and wi-fi heat pump thermostats. Panel has multiple staging options: 1) from any zone thermostat, 2) adjustable timer on zone panel or 3) the percentage of zones calling. Less than 50%, first stage only, greater than 51% second stage. Dual fuel operation based on wired Outdoor Air Sensor (OAS) with adjustable temperature setting on zone panel. |
| ZONEFIRST | Zone Control Panel | MDP3 | Y | N | N | Two and Three Zone Control Panel expandable to 100 Zones for Single and Two Stage/Speed Heat Pumps w/Dual Fuel and most all conventional and wi-fi heat pump thermostats. Panel has multiple staging options: 1) from any zone thermostat, 2) adjustable timer on zone panel, 3) the percentage of zones calling. Less than 50%, first stage only, greater than 51% second stage. Staging and Dual Fuel operation can also be based on wired Outdoor Air Sensor (OAS) with adjustable temperature setting on zone panel or the Leaving/Supply Air Sensor (ZPS) also with adjustable temp setting on panels menu driven display. Staging on supply air temp is a more advanced method for newer heat pumps with cold climate performance that can still deliver warm supply temps at lower outdoor temps, improving overall efficiency. |

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| ZONEFIRST | BLISS Zone System | B2S | Y | Y | Y | Multi-Zone System with Intergrated Combination Light Switch Thermostats (LST) for each zone for remote Wi-Fi control and monitoring of system operation. Heat Pump staging and dual fuel changeover based on supply air sensors at each zone (WDS). Staging is set based on supply air temperatures rising and falling for both heating and cooling. When specific supply temp settings are not able to maintains the Bliss system stages and when needed will switch to dual fuel back-up for extreme temps. Remote monitoring and alerts can be sent when minimum system temps are not maintained. |
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Dual Fuel Thermostats (Qualify as Integrated Controls with eligible Heat Pump/Furnace combinations)

| Manufacturer | Model Name | Model # | 24v (Y/N) | Communicating (Y/N) | WiFi Enabled (Y/N) | Notes |
|------------------------------------|---|----------------------------|-----------|---------------------|--------------------|--|
| Amana Heating and Air Conditioning | Amana Smart Thermostat | ATST-CWE-BL-A | N | Y | Y | Compatible with all Amana Heating and Air conditioning brand communicating equipment |
| American Standard | Gold 824 | ACONT824AS52D* | Y | N | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible. |
| American Standard | Silver 824 | ACONT724AS42D* | Y | N | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible. |
| American Standard | Platinum 850 | ACONT850AC52U* | Y | Y | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible (requires BAYWAKIT24VACA accessory). |
| American Standard | Platinum 1050 | AZON1050AC52Z* | Y | Y | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible (requires BAYWAKIT24VACA accessory). |
| American Standard | Link 360 | ALINK360A2VVU* | N | Y | Y | Product is a kit that includes 2 required pieces: a Smart Thermostat (AHUI2360A200U*) and System Controller (TSYS2C60A2VVU*). Remote wired outdoor temp sensor BAYSENS01ATEMPA. |
| AprilAire | 8446, 8448 | 8446, 8448 | Y | | | Non-Programmable |
| AprilAire | 8465, 8466, 8476 | 8476 | Y | | | Programmable 5/2 or 5/1/1 |
| AprilAire | 8600, 8620, 8910 | 8600, 8620, 8910 | Y | | | Programmable 7-Day |
| AprilAire | Thermostat | S86NMU | Y | N | N | Controls up to 4H/2C ducted heat pumps with dual fuel or 2H/2C ducted conventional systems. When coupled with 8052 wired outdoor temperature sensor, the thermostat can enable user-defined balance points for dual fuel switchover. Below the low balance point, only auxiliary heat is used. Above the high balance point, only compressor is used. In between, the thermostat will stage based on the demands of the room. All 4 stages have a programmable differential to customize staging thresholds. 24 VAC. Programmable schedule, but can be configured as non-programmable. |
| AprilAire | Thermostat | S86NMUPR | Y | N | N | Controls up to 4H/2C ducted heat pumps with dual fuel or 2H/2C ducted conventional systems. When coupled with 8052 wired outdoor temperature sensor, the thermostat can enable user-defined balance points for dual fuel switchover. Below the low balance point, only auxiliary heat is used. Above the high balance point, only compressor is used. In between, the thermostat will stage based on the demands of the room. All 4 stages have a programmable differential to customize staging thresholds. 24 VAC. Programmable schedule, but can be configured as non-programmable. Includes programmable IAQ relay for control of (1) humidifier, dehumidifier or ventilator. |
| AprilAire | Wi-Fi Thermostat | S86WMUPR | Y | Y | Y | Controls up to 4H/2C ducted heat pumps with dual fuel or 2H/2C ducted conventional systems. When coupled with 8052 wired outdoor temperature sensor, Z100DT wireless outdoor sensor or home Wi-Fi network, the thermostat can enable user-defined balance points for dual fuel switchover. Below the low balance point, only auxiliary heat is used. Above the high balance point, only compressor is used. In between, the thermostat will stage based on the demands of the room. All 4 stages have a programmable differential to customize staging thresholds. 24 VAC. Programmable schedule, but can be configured as non-programmable. Includes programmable IAQ relay for control of (1) humidifier, dehumidifier or ventilator. Wi-Fi enabled for control via AprilAire Healthy Air app. |
| AprilAire | Thermostat | S84NSU | Y | N | N | Controls up to 2H/1C ducted heat pumps with dual fuel or 1H/1C ducted conventional systems. When coupled with 8052 wired outdoor temperature sensor, the thermostat can enable user-defined balance points for dual fuel switchover. Below the low balance point, only auxiliary heat is used. Above the high balance point, only compressor is used. In between, the thermostat will stage based on the demands of the room. All stages have a programmable differential to customize staging thresholds. 24 VAC or 2 AA Batteries. Programmable schedule, but can be configured as non-programmable. |
| AprilAire | 8476W, 8620W, 8910W, 8920W | 8476W, 8620W, 8910W, 8920W | Y | | Y | Programmable 7-Day |
| AprilAire | 8800 | 8800 | Y | Y | | Programmable 7-Day |
| AprilAire | 8810, 8820, 8830, 8840 | 8810, 8820, 8830, 8840 | Y | Y | Y | Programmable 7-Day |
| Armstrong | Comfort Sync A3 | 507175-01 | Y | Y | Y | Dual-fuel capable (Comfort Sync-enabled HP only) with two balance points. |
| Bosch | Bosch Connected Control BCC100 Thermostat | BCC100 | Y | N | Y | Uses local weather for outdoor temperature and balance point |
| Bryant | Evolution System Control | SYSTXBBECC01 | Y | Y | Y | |
| Bryant | COR | T6-WEM01-A | Y | N | Y | |
| Bryant | COR 5C | TSTWHA01 | Y | N | Y | |
| Bryant | COR 7C | TSTWRH01 | Y | N | Y | |

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| Building36 | Alarm.com Smart Thermostat | ADC-T2000 | Optional | Y | Y | Up to 4 heat 2 cool, 24v or battery operated. Cellular enabled option. Dehumidifier and external baffle functionality |
| Building36 | Alarm.com Smart Thermostat HD | ADC-T40K-HD | Y | Y | Y | 24v operated touchscreen thermostat with up to 4 heat and 2 cool and dual fuel capability. Cellular enabled option. Dehumidifier, Humidifier, external baffle, and vent control functionality. |
| Building36 | Alarm.com Smart Thermostat (Design Studio Series) | ADC-T3000 | Optional | Y | Y | Up to 4 heat 2 cool, 24v or battery operated. Cellular enabled option. Dehumidifier and external baffle functionality |
| Building36 | Intelligent Thermostat | B36-T10 | Optional | Y | N | Up to 4 heat 2 cool, 24v or battery operated. Cellular enabled |
| Carrier | COR | TP-WEM01-A | Y | N | Y | Uses local weather for outdoor Temperature and Change over |
| Carrier | COR 5C | TSTWHA01 | Y | N | Y | Uses local weather for outdoor Temperature and Change over |
| Carrier | COR 7C | TSTWRH01 | Y | N | Y | Uses local weather for outdoor Temperature and Change over |
| Carrier | Infinity System Control | SYSTXCCITC01-B, SYSTXCCWIC01-B | N | Y | Y | Available in black and white |
| Cielo WiGle Inc. | Cielo Smart Thermostat ECO | TE101WA (White Color Variant), TE102WA (Black Color Variant) | Y | N | Y | Cielo Smart Thermostat Eco supports Conventional Systems for up to 2 stages of Heating & 2 stages of Cooling. For Heat Pumps it supports up to 4 Stages of Heating and 2 Stages of Cooling. Cielo Smart Thermostat Eco fetches outdoor temperatures data from cloud and makes decisions based on that data for switching between Heat Pump and Aux heat source (dual fuel systems). In addition, the Cielo Smart Thermostat Eco can also be linked to Cielo Breez Max and/or Cielo Breez PLUS (Cielo's smart thermostats for mini splits) using Cielo Linked (our cloud-based platform to switch between fossil fuel-based systems and mini splits). Cielo Smart Thermostat Eco stores projected temperature data for next 72 hours to ensure its smooth decision-making |
| Cielo WiGle Inc. | Cielo Smart Thermostat | CT101WA | Y | N | Y | Universal 4 Heat/2 Cool/Variable Capacity. (1) Cielo Smart thermostat fetches external weather data through cloud to enable the interplay of appliances. (2) Cielo Smart Thermostats can also be used to connect to ductless appliances (mini split with IR control) linked through Cielo Linked (cloud platform). Cielo Linked enables the interplay of connected ductless systems and conventional ducted HVAC system. |
| Daikin | Daikin One Touch Smart Thermostat | DTST-TOU-A | N | Y | Y | Compatible with all Daikin brand communicating equipment |
| Daikin | One+ | DTST-ONE-ADA-A | Y | Y | Y | Compatible with Daikin Mini-Split and Multi Split Heat Pump Products. Thermostat is provided with communication adaptor that requires 110-240 VAC power supply. Additional adaptor (KRP980BZE) required for connection to FTX__NMVJU indoor units.Refer to comprehensive guide at https://cms.daikincomfort.com/docs/default-source/default-document-library/manual/pm-one-st.pdf |
| Daikin | One+ | DTST-CWBSA-NI-A | Y | Y | Y | Compatible with qualifying Daikin Central Heat Pump Systems. Refer to comprehensive guide at https://cms.daikincomfort.com/docs/default-source/default-document-library/manual/pm-one-st.pdf |
| Daikin (Airzone) | DKN Plus Interface | AZA16WSPDKC | N | Y | Y | Connects Daikin VRV, SkyAir or Mini-split indoor units to a secondary heat source via onboard relay output. Secondary heat source can be enable via outdoor temperature configure with a BLE application. Can also integrate a 3rd party thermostat with 2 stage heating to enable secondary heat source. Integrate ecobee and Honeywell thermostats with IFTTT for dual fuel control |
| Daikin | Adaptive Touch Controller | BACRC-T-P01 | Y | Y | N | Connects Daikin VRV, SkyAir or Mini-split indoor units to an alternative heat source via onboard relay output.Controller required for each indoor unit. Can be used with outdoor temperature sensor to enable secondary heat source. |
| Daikin | Adaptive Touch Controller | BACRC-TH-P01 | Y | Y | N | Connects Daikin VRV, SkyAir or Mini-split indoor units to an alternative heat source via onboard relay output.Controller required for each indoor unit. Can be used with outdoor temperature sensor to enable secondary heat source. |
| Daikin | Adaptive Touch Controller | BACRC-THO-P01 | Y | Y | N | Connects Daikin VRV, SkyAir or Mini-split indoor units to an alternative heat source via onboard relay output.Controller required for each indoor unit. Can be used with outdoor temperature sensor to enable secondary heat source. |
| Daikin | Adaptive Touch Controller | BACRC-THOC-P01 | Y | Y | N | Connects Daikin VRV, SkyAir or Mini-split indoor units to an alternative heat source via onboard relay output.Controller required for each indoor unit. Can be used with outdoor temperature sensor to enable secondary heat source. |
| Daikin | Wiring Adaptor PCB | KRP1C74/75 | N | N | N | Connects Daikin VRV, SkyAir or Mini-split indoor units to a secondary heat source via onboard relay output. Install KRP1C74/75 with back up heat thermostat. Configure outdoor temperture lockout to enable secondary heat source https://daikinlibraryapi.daikincomfom.com/api/Download/GetDocument?id=f93267d4-303d-696b-9e5f-ff0000a9a572 |
| Ecoer | Ecoer Smart Thermostat | EST1701 | Y | Y | Y | The Ecoer Thermostat when coupled with the Ecoer Heat Pump will enable fuel switching at a predetermined outdoor temperature. The Ecoer Heat pump has an onboard outdoor ambient temperature sensor which can be programmed to initiate a second stage of heat at a predetermined outdoor temperature and during defrost operation. When coupled with the Ecoer EG910L Gateway, the switching temperature may be remotely programmed. Further, the Ecoer EST1701 has a two-speed indoor fan feature which allows the fan to a reduced speed when approaching the thermostat setpoint. |
| Ecoer | Ecoer Gateway | EG910L | | | | The Ecoer Gaeway is a two way cellular enabled communication device which transmits operating data from the Ecoer heat pump to the Ecoer monitoring computer. When enabled, critical operating information is recorded and relayed back to the installing contractor via a web enabled App. temperature setpoints may be addressed remotely through the app to enable fuel switching setpoints. |
| Ecobee | Ecobee 3 Lite | EB-STATE3LT***, EB-STATE3-01 | Y | N | Y | Not a current model, but still available |
| Ecobee | Ecobee 4 | EB-STATE4*** | Y | | Y | Ecobee 4 is now Ecobee Smart Thermostat, but Ecobee 4 is still available |
| Ecobee | Ecobee Smart Thermostat with Voice Control | EB-STATE5*** | Y | N | Y | Model numbers may be slightly different due to color or vendor |

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|--------------------------|---|---|---|---|-----|--|
| Ecobee | Ecobee Thermostat | EB-STATE6*** | Y | N | Y | Model numbers may be slightly different due to color or vendor. External Temperature Detection, Time of Day Usage, Additional Home Temperature Sensor, Geofencing (User Device Based), Additional Occupancy Sensor, Occupancy Sensor on Device, Humidity Sensing |
| Heil | Ion™ System Control | SYST0101CW | Y | Y | Y | |
| Honeywell Home | Prestige IAQ | YTHX9421R5085WW | Y | | Y | Requires THM6000R7001 Internet Gateway |
| Honeywell Home | Prestige IAQ | YTHX9421R5101WW | Y | | Y | Requires THM6000R7001 Internet Gateway |
| Honeywell Home | Smart Round | TH8732WFH 5002 | Y | Y | Y | Use with C7089U Wired Outdoor Sensor |
| Honeywell Home | T6 Pro | TH6320U 2008 | Y | N | N | Use with C7089U Wired Outdoor Sensor |
| Honeywell Home | T6 Pro Smart | TH6320WF 2003 | Y | Y | Y | Two options: 1) Use with C7089U Wired Outdoor Sensor or 2) Use local weather thru WiFi for outdoor temp and changeover. |
| Honeywell Home | VisionPro 8000 Smart | TH8320R 1003 | Y | Y | N/Y | Use with C7089R Wireless Outdoor Sensor. Needs HW Thm6000R 7001 Gateway For Wi-Fi |
| Honeywell Home | VisionPro 8000 Smart | TH8321R 1001 | Y | Y | N/Y | Use with C7089R Wireless Outdoor Sensor. Needs HW Thm6000R 7001 Gateway For Wi-Fi |
| Honeywell Home | WiFi 9000 | TH9320WF5003/U | Y | N | Y | Outdoor temperature and humidity via WiFi, appear after registration. |
| Honeywell Home | WiFi 8000 | TH8321WF 1001 | Y | N | Y | |
| Honeywell Home/Resideo | True Zone Dual Fuel Zoning Panel | HZ432 | Y | N | N | Use with C7089U1006 outdoor sensor. Zone control for centrally ducted heat pump system. |
| Honeywell Home/Resideo | True Zone Dual Fuel Zoning Panel Kit | HZ432K | Y | N | N | Use with C7089U1006 outdoor sensor. Zone control for centrally ducted heat pump system. |
| Honeywell Home/Resideo | True Zone Dual Fuel Zoning Panel Kit | TZ-4 | Y | N | N | Zone control for centrally ducted heat pump system. A C7089B1000 Outdoor Temperature Sensor and a C7735A1000 Discharge Air Temperature Sensor are required for dual fuel operation |
| Honeywell Home/Resideo | T10 ProSmart with Redlink Sensor | THX321WFS2001W | Y | N | Y | Up to 3 Heat 2 Cool, 24v, with wireless indoor sensor, Can control Humidity or Ventillation |
| Honeywell Home/Resideo | T10 ProSmart | THX321WF2003W | Y | N | Y | Up to 3 Heat 2 Cool, 24v, with Humidity or Ventillation Control |
| Lennox Industries Inc. | S40 Smart Thermostat | 22V24 | Y | Y | Y | Universal 4 Heat/2 Cool/Variable Capacity |
| Lennox Industries Inc. | S30 Ultra Smart Thermostat | 19V30 | Y | Y | Y | Universal 4 Heat/2 Cool/Variable Capacity |
| Lennox Industries Inc. | E30 Smart Thermostat | 15S63 | Y | N | Y | Universal 4 Heat/2 Cool |
| Lennox Industries Inc. | M30 Smart Thermostat | 15Z69 | Y | N | Y | Universal 4 Heat/2 Cool |
| Lennox Industries Inc. | iComfort E30 | E30 | Y | N | Y | Universal Smart |
| Lennox Industries Inc. | iComfort M30 | M30 | Y | N | Y | Universal Smart |
| Lennox Industries Inc. | iComfort S30 | S30 | Y | Y | Y | Communicating Smart Thermostat |
| Lennox Industries Inc. | iComfort WiFi | WiFi | Y | Y | Y | Communicating Smart Thermostat |
| Lennox Industries Inc. | Harmony III | 50S,023M5 | Y | Y | N | Zoning system |
| LG Electronics | Thermostat | PREMTVB0C | Y | Y | N | 2 Set point Heating and Cooling 7-Day. Can act as Integrated Control for entire hot water zone if connected to largest indoor unit of Multihead MSHP system. |
| LG Electronics | Thermostat | PREMTBVC1 | Y | Y | N | 2 Set point Heating and Cooling 7-Day/Humid Sensor OPT-ZIGBY OCC Sensors. Can act as Integrated Control for entire hot water zone if connected to largest indoor unit of Multihead MSHP system. |
| LG Electronics | Thermostat | PREMTBVC2 | N | Y | N | 2 set pt htg&clg 7day/humid sensor opt-zigby occ sensors |
| LG Electronics | Thermostat | PREMTBVC3 | N | Y | N | 2 set pt htg&clg 7day/humid sensor opt-zigby occ sensors |
| LG Electronics | Thermostat | PREMTA000 | Y | Y | N | Premium LG Thermostat |
| LG Electronics | Thermostat | PREMTBVC4 | N | Y | N | 2 set pt htg&clg 7day/humid sensor + zigby occ sensors |
| LG Electronics | Thermostat | PREMT000U | N | Y | N | Simple Thermostat |
| LG Electronics | Thermostat | PREMTB100 | N | Y | N | Standard III Wired remote |
| LG Electronics | Thermostat | PREMTA200 | N | Y | Y | Deluxe LG Thermostat |
| LG Electronics | Dry Contact | PDRYCB320 | N | N | N | Dry contact for third party t-stat |
| LG Electronics (Airzone) | Aidoo Pro | AZAI6WSPLGE | N | Y | Y | The Airzone Aidoo Pro is compatible with all ducted and non-ducted units that have a CN_REMO plug. The Aidoo Pro can be used with any 3rd party thermostat and the integrated control can be done through the thermostat or the Aidoo Pro can be used on its own for the integrated control as it has a Aux heat relay output. If using the thermostat, switchover can be done through the thermostat logic and if using the Aidoo Pro with native LG controls, switchover can be done based off of outdoor temperature through the app. |
| LG Electronics (Airzone) | VAF | AZVAFCB2LGE | N | Y | Y | Compatible with LG Electronics ducted indoor units using the CN_REMO plug. Provides means of controlling any heating and cooling source equipment and specifying sequence of and specifying sequence of activation of secondary sources. WIFI & Bacnet functionality optional. |
| Mitsubishi Electric | Kumo Cloud with IFTTT compatible Thermostat | PAC-USWHS002-WF-1 or PAC-USWHS002-WF-2 | N | Y | Y | IFTTT App connects Mitsubishi Electric Kumo Cloud with any IFTTT compatible thermostat. Current IFTTT compatible thermostats include Ecobee, and Honeywell as of 11/1/19. For list of devices, go to www.ifttt.com/services (Environment Control & Monitoring). Integration is capable by logging compatible thermostat and Kumo Cloud into IFTTT, then creating applet allowing IFTTT to adjust primary and secondary heating systems, based on outdoor temperature. |
| Google Nest | Nest Learning thermostat - Third Gen | T3007ES, T3008US, T3016US, T3017US, T3021US | Y | N | Y | Nest Learning Thermostat Pro - 3rd Generation (Stainless Steel, Carbon Blk, White, Copper) |
| Google Nest | Nest Thermostat | GA02180-US | Y | N | Y | Works with 85% of systems (2H/1C or 1H/2C). Programmable 7-day thermostat with guided setup. Installed using our "Pro Flow" install experience made for professionals. Heat Pump Balance allows for auto switch over to conserve energy. |
| Google Nest | Nest Thermostat E | T4000ES | Y | | Y | |
| Robertshaw | Robertshaw | 9725I2 | Y | | Y | 9725I2 Programmable Thermostat (3 Heat - 2 Cool) |
| Robertshaw | Robertshaw | 9825I2 | Y | | Y | 9825I2 Programmable Thermostat (3 Heat - 2 Cool) |

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| Ruud | Econet Thermostat | ETST700SYS | Y | Y | Y | Amazon Alexa compatible for use with communicating Ruud equipment only. |
| Tekmar | Invita | 564 | Y | N | Y | 2 wire stat with equipment interface |
| Tekmar | Invita | 564B | Y | N | Y | same but black finish |
| Tekmar | | 557 | Y | Y | Y | WiFi only with additional Gateway control |
| Tekmar | | 563 | Y | N | Y | Stand alone with WiFi |
| Trane | XL 824 | TCONT824AS52D* | Y | N | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible. |
| Trane | XR 724 | TCONT724AS42D* | Y | N | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible. |
| Trane | XL 850 | TCONT850AC52U* | Y | Y | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible (requires BAYWAKIT24VACA accessory). |
| Trane | XL 1050 | TZON1050AC52Z* | Y | Y | Y | Remote wired outdoor temp sensor BAYSENS01ATEMPA. Boiler systems compatible (requires BAYWAKIT24VACA accessory). |
| Trane | Link 360 | TLINK360A2VVU* | N | Y | Y | Product is a kit that includes 2 required pieces: a Smart Thermostat (THUI2360A200U*) and System Controller (TSYS2C60A2VVU*). Remote wired outdoor temp sensor BAYSENS01ATEMPA. |