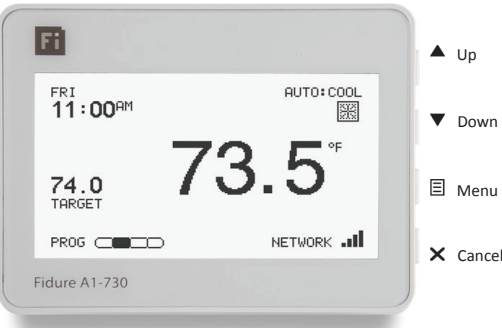


WARNING: DO NOT connect this thermostat to voltages higher than 24 Volt AC, such as: base-board heaters, line/high-voltage fan-coil, or systems with transformers providing higher than 24VAC. Improper use of this device can result in personal injury, and/or property damage.

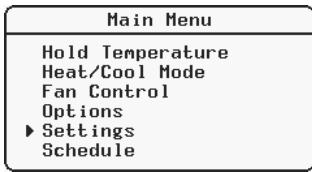
1. Introduction: Fiture's A1-730 thermostat is an HVAC powered (24VAC) wireless thermostat designed for common heating ventilation and air-conditioning systems. The ZigBee wireless-controller allows the device to operate as a long-range ZigBee message repeating router.

2. Using the device: Using the device and operating the on-screen menus is straight forward. The buttons are located on the right edge of the thermostat with the symbols shown below:



Use the Up and Down buttons to move the selector arrow, the Menu button to select/confirm an option and the Cancel button to cancel or go back without affecting change.

3. The menu system: The interface menu is activated via the Menu button. The pointer can be moved using the up/down buttons and selection is confirmed by the Menu button. The Cancel button allows the user to leave the menu without making any changes.

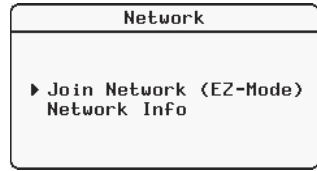


4. ZigBee Network Commissioning:

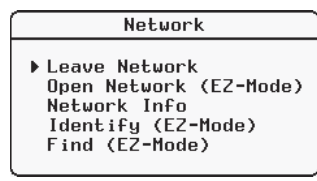
Join a ZigBee HA 1.2 network using: menu -> Settings -> Network -> Join Network.

This also activates EZ-Mode network commissioning. The options on the network menu perform the following:

- Open the network for other devices to join
- Show current network information
- Enable Identify Mode on the device
- Find and Bind to an identifying device supporting thermostat cluster client.



Note on Joining: If more than one network is open at the time and the device has just joined one of them, choosing 'Leave Network' allows the device to automatically join another open network. This can be repeated until the correct network has been joined.



5. Mode of operation (Heat/Cool): To reach the Mode Menu, press the menu button and scroll down using the up/down buttons. Once the indicator arrow points to the "Heat/Cool Mode", press the menu button. The available options are:

Off: The thermostat will disengage from running the cooling or heating system and stop controlling the temperature. The device itself, will stay on.

Heat Only: The thermostat will only engage the heating system.

Cool Only: The thermostat will only engage the cooling system.

Auto Changeover: This mode is useful in climates where the daytime temperatures may be hot and night time cold, requiring heating for part of the day and cooling the other. In this mode, the thermostat will apply heating or cooling depending on the set-point temperatures programmed. Once the temperature falls below or exceeds the heat/cool set-points by ~2°F (1°C), the thermostat will automatically changeover between heat and cool to accommodate the comfort settings.

6. Fan Control: In the **Automatic** setting option the air circulating fan will turn on automatically when the heating or cooling cycles start. In some cases it may be preferred to keep the fan **Always on** for continuous air circulation.

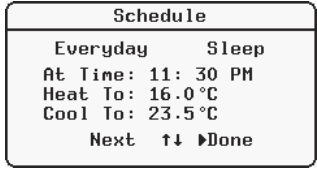
7. Schedule

Programming: The schedule menu can be accessed via menu->schedule. On this screen you can choose the preferred schedule pattern. Selecting 'None' on this menu deletes the current schedule.



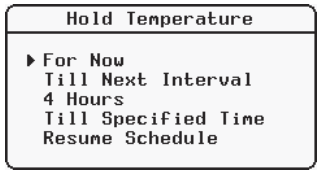
Once you have chosen the schedule type, the next screen allows you to program further details. You can navigate between day, interval, start time, and heat/cool settings. Switch between options using the Up/Down keys and select using the Menu button. The 'Next' option allows you to sequentially enter the schedule information. Changes are only saved once the Menu button is pressed while on the 'Done' option is selected.

Note: The scheduled program will only activate if the clock has been set either automatically via ZigBee time service, manually via the clock menu, or 15 minutes after power up.



Creating a schedule quickly: You can create a default schedule with the following sequence:

Menu->Schedule->'Same For Everyday'->Menu->Up (Sleep), then press and hold the 'Menu' button until the screen cycles to 'Done' and Main Screen is displayed.



7. Pausing Schedule / Hold Temperature: You can instruct the thermostat to hold the current set-point temperature for a period of time. Hold menu is available from Main menu and can be accessed by pressing the Menu button twice. The following options are available:

Hold For Now: Hold the current set-point temperature until instructed otherwise.

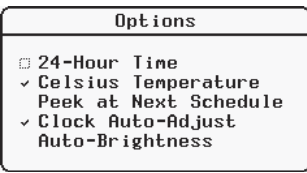
Hold For 4-hours Hold the current set-point for four hours.

Hold Till Next Interval: Hold current set-point until the beginning of the next scheduled interval.

Hold Till Specified Time (Vacation Mode): Hold current set-point until a specified time and date.

Resume Schedule: Resume following the schedule for set-point temperature.

8. Options Menu: Along with Time Format and Temperature Unit, the following preferences can be set through the Options menu which is accessible via Main menu:

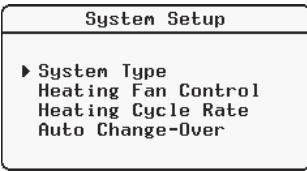


-Schedule Peek: Adjust the temperature in advance to start the next interval closer to set-point.

-Automatically Update the Clock if a ZigBee Time Server is available.

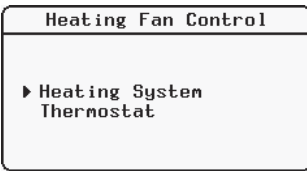
-Automatically adjust the thermostat backlight according to ambient light conditions.

9. System Setup: System setup Menu allows you to configure the thermostat to your existing Heating and Cooling system. It can be accessed via Main Menu -> Settings Menu -> Systems Setup.

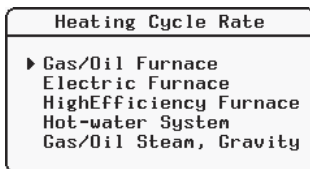


System Type A1-730 Supports single stage cooling and heating, such as a combination air-conditioner/furnace or a heat pump. The System Type menu allows you to choose among: Cool only, Heat Only, Heat Only with Fan (for electric heat furnaces), Heat Pumps, as well as conventional Furnace and Air Conditioner set up (Heating and Cooling).

Heating Fan Control: In some systems it is required that the thermostat explicitly turn on the fan during heat cycles (e.g. some electric heat systems). This menu allows you to specify the thermostat behavior and fan control during heat cycles.

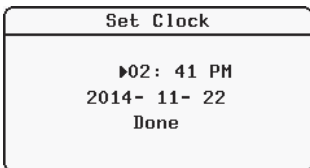


Heating Cycle Rate: Use this setting to match your heating/cooling system for best temperature control and life expectancy of your HVAC system. Below are the corresponding values for Cycles -per-Hour:



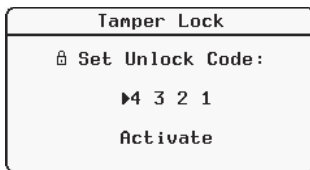
- Gas/Oil Forced-Air Furnace (less than 90% efficiency) [5]
- Electric Heating Furnace [9]
- High Efficiency (more than 90% efficiency) Forced-Air type Furnace [3]
- Hot Water system [3]
- Gas/Oil, Steam and gravity system [1]

10. Setting the Clock: When there is no ZigBee Time Service available on the network, the thermostat clock can be manually set through the Settings -> Clock menu. Use the Up/Down buttons to change the values and the Menu button to confirm and move to the next field.



11. Tamper Lock: In addition to the ZigBee (over the network) screen lock feature, the screen can be locked locally via the Tamper Lock screen (accessible through Main Menu -> Settings-> More -> Tamper Lock).

Use the Up/Down buttons to adjust the values and Menu button to move to the next field/digit.



Important: Store or Remember the lock code you set. There are no override codes or resets available to unlock a thermostat once it's been locked. ONLY the code use to activated the lock will unlock the thermostat.

Note: Tamper lock works independently of the Keypad Lock

available via the ZigBee network functions supported by some Home Automation Systems.

For further information visit www.fidure.com or email customer support at support@fidure.com.

For USA customers:



Declaration of Conformity

Trade Name: FIDURE

Model No.: A1730

Address: 3421 Yonge st.,

Toronto, ON Canada M4N 2N1

This device complies with Part15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

“WARNING: To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20cm or more should be maintained between the antenna of this device and persons during operation. To ensure compliance, operations at closer distances than this are not recommended.”

Contains FCC ID:QPU3020

For Canadian Customers:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Contains transmitter module IC:4523A-SN3020

Limited Warranty Thermostat

Figure Thermostat

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