

## UTY-TTRX Offset

The UTY-TTRX thermostat converter is used to allow a third party thermostat to control a Fujitsu mini split. In certain applications, the temperature being sensed by the indoor unit could differ from the temperature being sensed by the thermostat. With the unit sensing temperature from two locations at the same time, the mini split will satisfy based on the sensor that reaches set temperature first. This may cause an inconvenience for customers who desire the temperature to be sensed solely by the third party thermostat. There are offsets that can be entered so that the thermistor on the indoor unit will be rendered a nonfactor. If the cooling cycle is given an offset of  $-8^{\circ}\text{F}$  ( $-4^{\circ}\text{C}$ ), then the sensor on the thermostat will be the one to satisfy first in almost all applications. The same hypothesis would apply to the heating cycle. If the offset is set to  $+8^{\circ}\text{F}$  ( $+4^{\circ}\text{C}$ ), the third party thermostat would almost always be the first to satisfy the system. Since there is no possibility of completely disabling the thermistor on the indoor unit, these function settings will be crucial to ensuring an accurate temperature reading for the room based on the thermostat only.



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For information pertaining to function setting instructions, please reference the installation manual of your indoor unit. As is always the case when entering function settings, please remember to kill power to the entire system for a minimum of two minutes.

Function Number		Setting Value	Setting Description		
			When select 95-00	When select 95-01	
30 (For Cooling)	31 (For Heating)	00	*Standard Setting	No Correction 0°F/0°C	More Cooling Less Heating
		01	No Correction 0°F/0°C	No Correction 0°F/0°C	
		02	-1°F (-0.5°C)		
		03	-2°F (-1°C)		
		04	-3°F (-1.5°C)		
		05	-4°F (-2°C)		
		06	-5°F (-2.5°C)		
		07	-6°F (-3°C)		
		08	-7°F (-3.5°C)		
		09	-8°F (-4°C)		
		10	+1°F (+0.5°C)		Less Cooling More Heating
		11	+2°F (+1°C)		
		12	+3°F (+1.5°C)		
		13	+4°F (2°C)		
		14	+5°F (+2.5°C)		
		15	+6°F (+3°C)		
		16	+7°F (3.5°C)		
		17	+8°F (+4°C)		

**Note: It is strongly recommended that the unit is not regularly run below the lowest available setpoint in cooling or above the highest setpoint in heating. Fujitsu mini split range: (64°F/18°C) or (88°F/30°C).**