

## FAST-STAT WIRE EXTENDERS

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## FAST-STAT WIRE EXTENDERS

### INTRODUCTION

For over 15 years, FAST-STAT wiring extenders have eliminated the need to re-pull thermostat and condenser cables when adding or upgrading HVAC equipment.

FAST-STAT provides a significant savings in installation costs. A new system can be wired in about 20 minutes.

- Designed to have a minimum service life of 50 years; limited lifetime free replacement warranty
- Suitable for up to 300 ft. distance between sender and receiver (when using 18 AWG cable)
- No batteries required
- Common applications include:
  - Adding 2-stage heating
  - Adding single or 2-stage cooling
  - Heat pump conversion
  - Upgrading PTACs
  - Upgrading RTUs

Connect the **sender** to the existing thermostat cable and new thermostat. The sender is then installed into the wall space behind the thermostat.

*All FAST-STAT models require a minimum of two wires between the Sender and Receiver.*

Install the **receiver** at the furnace, fan-coil, heat pump, PTAC or RTU.



**THERMOSTAT**

SENDER

RECEIVER



**HVAC EQUIPMENT**

- Furnace
- Heat Pump
- Fan-Coil
- PTAC
- RTU

*Extra wires can be used for other functions*

## FAST-STAT WIRE EXTENDERS

### FAST-STAT 1000

#### Provides One Additional Wire to a Cable

Model 1000 provides one additional conductor to a thermostat or condenser cable. For instance, with a 2-wire cable it can provide "R", "W", plus one of "G", "Y", "H", "D", "W2" or "Y2" and with a 4-wire cable it could provide "R", "W", "Y", "G", plus any one of "C", "D", "W2", "Y2" or "O/B".

Common uses include adding manual fan control "G" to a heating system, installing a powered thermostat that requires a common connection "C", or upgrading to 2-stage cooling and providing "Y2" to the condenser.



STOCK #	MODEL	POWER INPUT (VAC)	# OF CONTACTS	CONTACT CONFIG	CONTACT RATING VAC	CONTACT RATING A	PRICE
C750000	1000	18-30	2	No	24	2	P.O.A.

### FAST-STAT 3000

#### Provides 4-Wire Control Over a 2-Wire Cable

Model 3000 provides 4-wire control over 2-wire cable or 6-wire control over a 4-wire cable. With a 2-wire cable it can provide "R", "W", "G" and "Y". With a 4-wire cable it can provide "R", "W", "Y", "G", plus any two of "C", "D", "W2", "Y2" or "O/B".

Common uses include adding air conditioning to a heating system. Can also be used for heat pumps, 2-stage heating or cooling when an existing 4-wire thermostat cable is present.



STOCK #	MODEL	POWER INPUT (VAC)	# OF CONTACTS	CONTACT CONFIG	CONTACT RATING VAC	CONTACT RATING A	PRICE
750451	3000	20-30	3	No	24	2	\$199.00

### FAST-STAT 5000

#### Provides 6-Wire Control Over a 2-Wire Cable

Model 5000 provides 6-wire control over 2-wire cable or 8-wire control over a 4-wire cable. With a 2-wire cable it can provide "R", "C", "W1", "W2", "G" and "Y". With a 4-wire cable it can provide "R", "C", "W1", "W2", "G" and "Y", plus any other two functions such as "H", "D", "W2", "Y2" or "O/B".

Common uses include adding air conditioning to a heating system or installation of a 2-stage furnace. Can also be used for heat pumps, 2-stage heating or cooling when an existing 4-wire thermostat cable is present.



STOCK #	MODEL	POWER INPUT (VAC)	# OF CONTACTS	CONTACT CONFIG	CONTACT RATING VAC	CONTACT RATING A	PRICE
750453	5000	20-30	4	No	24	2	\$299.00

### FAST-STAT 7000

#### For Converting an Air Conditioner to a Heat Pump

Model 7000 provides 7-wire control from the thermostat to the furnace or fan-coil over a 4-wire cable. This includes "R", "C", "G", "W", "Y1", "Y2" and "O/B". From the furnace or fan-coil to the heat pump it provides 6-wire control over a 2-wire cable. This includes "R", "C", "Y1", "Y2", "O/B" and "W" (defrost).

Common uses include converting from an air conditioning to a heat pump (single or 2-stage) system.



STOCK #	MODEL	POWER INPUT (VAC)	# OF CONTACTS	CONTACT CONFIG	CONTACT RATING VAC	CONTACT RATING A	PRICE
750455	7000	20-30	5	No	24	2	\$389.00

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