

PRODUCT DATA

THREE ZONE CONTROL

The Carrier 3-Zone system is comprised of a 3-zone controller and a duct temperature sensor. Thermostats and dampers are not included in the kit. A variety of non-programmable and programmable thermostats are available to satisfy the homeowner's personalized comfort needs. The 3-zone system does not require a field supplied transformer.

FEATURES / BENEFITS

The Carrier 3-Zone system allows the air conditioning and heating equipment to control temperatures in 3 distinct spaces or zones within a building. Each zone has independent temperature settings controlled by a conventional thermostat. Each zone can have up to 5 dampers.

DUCT TEMPERATURE OPTIMIZER — Offers maximum equipment protection to help ensure long life.

PROGRAMMABLE/NONPROGRAMMABLE THERMOSTAT COMPATIBILITY — Matches the right thermostat to the homeowner's comfort and lifestyle.

DIAGNOSTIC LEDs — Intelligent system diagnostics to let homeowners know if there is a problem with their system.

EMERGENCY HEAT SWITCH — Allows manual override for emergency heat strip operation when utilizing a heat pump. Emergency heat can also be enabled from thermostat.

MAXIMUM CYCLE RATE — Allows 4 equipment cycles per hr (cph) providing maximum equipment protection.

SELECTION JUMPERS — Designed for easy configuration.

ADDITIONAL FEATURES

- TimeGuard override
- Compressor protection
- Modulating damper control in emergency situations
- Damper fuse protection
- High- and low-temperature limits
- Auto changeover from any zone
- RH and RC for voltage isolation
- Bypass setup routine
- Staging time for energy savings
- Automatic checkout with installer mode
- Override zoning switch
- Timer override for serviceability



PRODUCT DATA INFORMATION

Physical Characteristics

Dimensions: 10.75" x 7.75" x 1.75"

Appearance:

Control Module Cover: Plastic, white color

Wire Terminal Cover: Metal, white color

Applications:

Up to 2 stages cool/2 stages heat

Wiring Requirements:

Power supply: Dedicated 24vac, 40va, 60 hz isolated transformer, field supplied.

Wiring material: Standard thermostat wire 18 to 24 gage.

Electrical Characteristics

Input Volts/Amps: 24vac, Less than 40va

Environmental Requirements

Operating Temperature/Relative Humidity:

Equipment Controller and wireless receiver: 32°F to 150°F,

95% rh non-condensing

THERMOSTATS PREMIUM PROGRAMMABLE THERMOSTATS

PART NUMBERS	PROGRAM	GAS	ELECTRIC	HEAT PUMP	HYBRID HEAT	HEAT	COOL
Performance							
TSTATCCPRH01-B	7-day or NP	*	*	*	*	3	2
TSTATCCPHH01-B	7-Day	*	*	*	*	3	2
TSTATCCPAC01-B	7-Day	*	*			1	1
TSTATCCPHP01-B	7-Day	*	*	*		2	1
TSTATCCP2S01-B	7-Day	*	*	*		3	2
TSTATCCPF701	7-Day	*	*	*		2	2
TSTATCCPF101	1-Day	*	*	*		2	2
TSTATCCREC01							
TSTATCCPRF01	7-Day	*	*	*		2	2
Comfort							
TSTATCCNAC01-C	NP	*	*			1	1
TSTATCCNHP01-C	NP	*	*	*		2	1
TSTATCCN2S01-C	NP	*	*	*		3	2
TSTATCCPQ501	5-2 Day	*	*			1	1
Base							
TSTATCCSAC01	5-2 Day	*	*			1	1
TSTATCCSHP01	5-2 Day		*	*		2	1
TSTATCCBAC01-B	NP	*	*			1	1
TSTATCCBHP01-B	NP			*		2	1
TSTATCCPB501	5-2 Day	*	*	*		2	2
TSTATCCPB101	1- Day	*	*	*		2	2
TSTATCCP2W01	7-Day	Heat Or Cool Only (2 wires)					
TSTATCCN2W01	NP	Heat Or Cool Only (2 wires)					
TSTATCCNB001	NP	*	*	*		1	1
TSTATCCNQ001	NP	*	*			1	1

THERMOSTAT ACCESSORIES

TSTATXXSEN01-B*	Outdoor Air Temperature Sensor
TSTATXXNBP01-C†	Backplate for Deluxe Non-Programmable -C Thermostat
TSTATXXPBP01†	Backplate for Programmable Thermostat and Thermidistat Control
TSTATXXBBP01†	Backplate for Comfort Base Model Thermostat
TSTATXXSBP01†	Backplate for Performance Programmable Thermostat
TSTATXXCNV10‡	Thermostat Conversion Kit (4 to 5 Wire) — 10 Pack

* Outdoor-temperature sensor is an accessory for all Carrier electronic thermostats, except the non-programmable air conditioner version and Base model thermostats. It allows the temperature at a remote location (outdoors) to be displayed on the thermostat. The outdoor air temperature sensor must be used with the Hybrid Heat thermostat.

† Plate is designed to cover surrounding wall area located behind thermostat.

‡ Thermostat-conversion kit is a 24-vac accessory that can turn a 4-wire thermostat application into a 5-wire application. The kit can also be used to replace a broken thermostat wire, or add an extra wire when needed. Do not use this kit with the AC model of the Base or Performance Programmable thermostat.

3-ZONE CONTROL ACCESSORIES

ZONEXXODTS01	Duct Temperature Sensor*
* Duct temperature sensor required for heat pump zone board.	

DAMPERS

DESCRIPTION	SIZES	PART NO.
Round Dampers	6 in.	DAMPRND06INC-B
	8 in.	DAMPRND08INC-B
	10 in.	DAMPRND10INC-B
	12 in.	DAMPRND12INC-B
	14 in.	DAMPRND14INC-B
	16 in.	DAMPRND16INC-B
Rectangular Dampers	8 in. X 10 in.	DAMPREC08X10-B
	8 in. X 14 in.	DAMPREC08X14-B
	8 in. X 18 in.	DAMPREC08X18-B
	8 in. X 24 in.	DAMPREC08X24-B
	10 in. X 10 in.	DAMPREC10X10-B
	10 in. X 14 in.	DAMPREC10X14-B
	10 in. X 18 in.	DAMPREC10X18-B
Rectangular Barometric Bypass	8 in. X 14 in.	DAMPBAR08X14
	8 in. X 24 in.	DAMPBAR08X24
Round Barometric Bypass	8 in.	DAMPBAR08INC
	10 in.	DAMPBAR10INC
	12 in.	DAMPBAR12INC
	14 in.	DAMPBAR14INC
	16 in.	DAMPBAR16INC
Slip-In Dampers	Side mount, 8 X 8	DAMPSSL08X08-B
	Bottom mount, 8 X 8	DAMPSLB08X08-B
	Side mount, 8 X 10	DAMPSSL08X10-B
	Bottom mount, 8 X 10	DAMPSLB08X10-B
	Side mount, 8 X 12	DAMPSSL08X12-B
	Bottom mount, 8 X 12	DAMPSLB08X12-B
	Side mount, 8 X 14	DAMPSSL08X14-B
	Bottom mount, 8 X 14	DAMPSLB08X14-B
	Side mount, 8 X 16	DAMPSSL08X16-B
	Bottom mount, 8 X 16	DAMPSLB08X16-B
	Side mount, 8 X 18	DAMPSSL08x18-B
	Bottom mount, 8 X 18	DAMPSLB08X18-B
	Side mount, 8 X 20	DAMPSSL08X20-B
	Bottom mount, 8 X 20	DAMPSLB08X20-B
	Side mount, 8 X 22	DAMPSSL08X22-B
	Bottom mount, 8 X 22	DAMPSLB08X22-B
	Side mount, 8 X 24	DAMPSSL08X24-B
	Bottom mount, 8 X 24	DAMPSLB08X24-B
	Side mount, 10 X 10	DAMPSSL10X10-B
	Bottom mount, 10 X 10	DAMPSLB10X10-B
	Side mount, 10 X 12	DAMPSSL10X12-B
	Bottom mount, 10 X 12	DAMPSLB10X12-B
	Side mount, 10 X 14	DAMPSSL10X14-B
	Bottom mount, 10 X 14	DAMPSLB10X14-B
	Side mount, 10 X 16	DAMPSSL10X16-B
	Bottom mount, 10 X 16	DAMPSLB10X16-B
	Side mount, 10 X 18	DAMPSSL10X18-B
	Bottom mount, 10 X 18	DAMPSLB10X18-B
	Side mount, 10 X 20	DAMPSSL10X20-B
	Bottom mount, 10 X 20	DAMPSLB10X20-B
Side mount, 10 X 22	DAMPSSL10X22-B	
Bottom mount, 10 X 22	DAMPSLB10X22-B	
Side mount, 10 X 24	DAMPSSL10X24-B	

DESCRIPTION	SIZES	PART NO.
Slip-In Dampers	Bottom mount, 10 X 24	DAMPSLB10X24-B
	Side mount, 12 X 12	DAMPSLS12X12-B
	Bottom mount, 12 X 12	DAMPSLB12X12-B
	Side mount, 12 X 14	DAMPSLS12X14-B
	Bottom mount, 12 X 14	DAMPSLB12X14-B
	Side mount, 12 X 16	DAMPSLS12X16-B
	Bottom mount, 12 X 16	DAMPSLB12X16-B
	Side mount, 12 X 18	DAMPSLS12X18-B
	Bottom mount, 12 X 18	DAMPSLB12X18-B
	Side mount, 12 X 20	DAMPSLS12X20-B
	Bottom mount, 12 X 20	DAMPSLB12X20-B
	Side mount, 14 X 14	DAMPSLS14X14-B
	Bottom mount, 14 X 14	DAMPSLB14X14-B
	Side mount, 14 X 16	DAMPSLS14X16-B
	Bottom mount, 14 X 16	DAMPSLB14X16-B
	Side mount, 14 X 20	DAMPSLS14X20-B
	Bottom mount, 14 X 20	DAMPSLB14X20-B
	Side mount, 16 X 16	DAMPSLS16X16-B
	Bottom mount, 16 X 16	DAMPSLB16X16-B
	Bottom mount, 16 X 20	DAMPSLB16X20-B
Designates new sizes		

NOTE: The above dampers are recommended because they use the latest style actuators designed for zoning systems. These actuators are direct-drive and use slightly less power to operate. If using older style dampers with this zoning system (ie., dampers with a crankarm), it is recommended to upgrade the actuator to DAMPACT45DEG or DAMPACT90DEG.

Description		Part No.
Actuators	45° Actuator for round dampers	DAMPACT45DEG-R
	90° Actuator for rectangular dampers	DAMPACT90DEG-R
	Damper Actuator Cover	DAMPACTXXCOV