



The new degree of comfort.™

The latest EcoNet™ Control Center includes intuitive integrated air and water control and supports new high-efficiency products.

Easy to Setup, Easy to Use, Easy to Save

- Built with our 360°+1 design philosophy, it is optimized for Installability™, Performance, Integration & Serviceability
- Controls 65%† or more of a typical home's energy use from a single device
- Can reduce energy costs by up to 30%††

Features

- Added support for EEV (Electronic Expansion Valve) Air Handlers, Air Conditioners and Heat Pumps
- Rapid installation with standard 4-wire configuration
- Automatically configures communicating equipment with optimal settings
- Adapts to home décor through interchangeable faceplates and adjustable background coloring
- Full-color, 4.7" LCD touchscreen display with easy-to-read icons and text
- Convenient date, time and indoor/outdoor temperature indications
- 5 operating modes with short-cycle protection (Heat, Cool, Auto, Emergency Heat, Fan Only)

- 7-Day programmable schedule with Smooth Arrival & Whole Home Vacation options
- Detailed operating status, alarm history, and audible alerts
- Supports humidifier accessories or over-cool based dehumidification
- One-touch access to Water Heater Management†††
- Easily manage from anywhere in the world with the compatible WiFi Module & EcoNet app for smart phones and tablets

Limited Warranty

- 5-Year limited warranty from date of installation
- If installed as part of a Rheem System, the EcoNet Control Center will be covered under the applicable product parts warranty. Refer to manufacturer product warranty card for specific details.

† Source – Department of Energy

†† When compared to non-programmable thermostats. Source: ENERGY STAR® for Programmable Thermostats

††† Requires wired connection to EcoNet Enabled Electric or Hybrid Water Heaters



EcoNet™ Control Center
Home control with intuitive LCD touchscreen navigation

EcoNet Control Center Compatibility

OFFERINGS	HEATING & COOLING										WiFi Kit for HVAC REWRA630SYS	WATER HEATING		
	Gas Furnaces			Air Handlers		Air Conditioners		Heat Pumps				Electric Tank Models Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models
Product Categories	R97V	R96V	R802V	RHMV	RH2T (EEV)	RA20	RA17	RP20*	RP17					
Models														
RETST601SYS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

*Available in 2016

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

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INTEGRATED HOME COMFORT



The new degree of comfort.™

EcoNet™ Product Selection Guide

EcoNet Control Center Compatibility

Offerings	Heating & Cooling										WiFi Kit for HVAC REWRA630SYS	Water Heating			
Product Categories	Gas Furnaces		Air Handlers	Air Conditioners				Heat Pumps				Electric Tank Model Numbers Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models	
Models	R96V	R802V	RHMV	RH2T (EEV*)	RA20	RASL-JEC	RA17	RARL-JEC	RP20	RP17		RPRL-JEC			
RETST601SYS	✓	✓	✓	✓	✓	✓★	✓	✓★	✓	✓	✓★	✓	✓	✓	

★ *Comfort Control² System™* Translator for EcoNet Required



RETRN620CC2

Installation of the RETRN620CC2 *Comfort Control² System™* Translator on the outdoor unit's control board is required to operate *Comfort Control² System™* Air Conditioner and Heat Pump models (****-JEC) with an EcoNet Control Center in a fully communicating mode when matched with EcoNet Enabled Furnaces or Air Handlers.



EcoNet Control Center

The EcoNet Control Center serves as the hub of communication for a home's Heating, Cooling and Water Heating systems, and is required to operate an EcoNet Enabled Heating & Cooling system in a fully communicating mode. The Control Center is compatible with *Comfort Control² System™* Air Conditioner and Heat Pump models when matched with a R96V or R802V Gas Furnace, or a RHMV or RH2T (EEV*) Air Handler. It also works with EcoNet Enabled Electric and Hybrid Tank Type Water Heaters.



*Electronic Expansion Valve (EEV) Models

Rheem.com/EcoNetEnabled



The new degree of comfort.™

EcoNet WiFi Kits

EcoNet WiFi Kits use the homeowner's wireless network and broadband Internet connection to enable remote operation of EcoNet Enabled equipment from the mobile-friendly web portal and mobile apps.

WiFi Kit for Heating and Cooling



REWRA630SYS

The REWRA630SYS WiFi Kit is required to remotely operate EcoNet Enabled Heating & Cooling systems from the EcoNet web portal and mobile apps. The REWRA630SYS is also compatible with EcoNet Enabled Electric or Hybrid Tank Type Water Heaters that may be part of the total home comfort solution.

WiFi Kit for Electric and Hybrid Water Heaters



EEWRA631EWH

The EEWRA631EWH WiFi Kit is required to remotely control EcoNet Enabled Electric and Hybrid Tank Type Water Heaters from the EcoNet web portal and mobile apps.

WiFi Kit for Gas Water Heaters



EEWRA631GWH

The EEWRA631GWH WiFi Kit is required to remotely control EcoNet Enabled Gas Tank Type Powered Damper Tank Water Heaters from EcoNet web portal and mobile apps.

Note: EcoNet Enabled Gas Powered Damper Tank Type Water Heaters can only be accessed from the EcoNet web portal and mobile apps, and not from the EcoNet Control Center.

Water Heating WiFi Kit Selection

Offerings	Water Heating		
	Electric Tank Model Numbers Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models
EEWRA631EWH	✓	✓	
EEWR631GWH			✓

NOTE: All model numbers are specific to the wholesale channel. Retail model numbers may differ.

In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.

RHEEM THERMOSTATS



Rheem 400 Series Touchscreen – Modulating Furnace

Specially designed to work with Rheem Prestige Series modulating gas furnaces. Plus, it's designed to be easy-to-view, easy-to-understand and easy-to-operate with simple on-screen programming.

- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming allows users to remove

- thermostat to set the schedule
- Keypad lockout options
- Easy, menu-driven programming
- Humidification and dehumidification controls
- Maintenance reminders
- Suitable for use with an indoor or outdoor sensor
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
RHC-TST412MDMS	7, 5/1/1	1H/2C	3H/2C	Yes Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rh,Rc,C,V,W/E, Y,Y2,G,B,L,6 DHM,HM,+,-S,-	5-7/8 4-5/6 1-1/4	F1451328 (1)	F1451378 (1)



Rheem 400 Series Touchscreen – Dual Fuel Ready

Specifically designed for comfort and energy savings with dual fuel split systems or Package Dual Fuel models. Ships with outdoor temperature sensor included.

- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming allows users to remove

- thermostat to set the schedule
- Keypad lockout options
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Humidification and dehumidification controls
- Maintenance reminders
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
RHC-TST422DFMS	7, 5/1/1	2H/2C	4H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E, W2,Y,Y2,G,O/B 6,DHM,HM,+,-S,-	5-7/8 4-5/6 1-1/4	F1451328 (1)	F1451378 (1 - Included)



Rheem 300 Series Deluxe Touchscreen

- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Armchair programming allows users to remove thermostat from wall to set the schedule

- Keypad lockout options
- Maintenance reminders
- Suitable for use with an indoor or outdoor sensor
- Compressor short cycle protection
- 5-year limited warranty
- Additional feature for RHC-TST305UNMS only:
– Humidification and dehumidification controls



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
RHC-TST314UNMS	7, 5/1/1	2H/2C	3H/2C	Yes-Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E,W2 Y,Y2,G,B,O,L,6,+,-S,-	5-7/8x 4-5/6x1-1/4	F1451328 (1)	F1451378 (1)
RHC-TST305UNMS	7, 5/1/1	2H/2C	4H/2C	Yes-Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E,W2,Y,Y2 G,O/B,6,DHM,HM,+,-S,-	5-7/8x 4-5/6x1-1/4	F1451328 (1)	F1451378 (1)



Rheem 200 Series Programmable

- Lighted 4 square inch blue display
- Fast and easy to program
- Permanent program retention
- Easy to wire terminal block
- Compressor short cycle protection
- 5-year limited warranty

- thermostat to set the schedule



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
RHC-TST211GESS	5/2, 5/1/1	1H/1C	N/A	Yes	No	Cool-Auto-Heat-Off	On-Auto	Rc,Rh,C,W,Y,G,O/B	5-1/8 x 3-7/8 x 1-1/4
RHC-TST213UNMS	5/1/1	2H/2C	3H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	RH,RC,C,E/W1,W2,G,Y1,Y2,O,B,L	5-1/8 x 3-7/8 x 1-1/4



**INTEGRATED CONTROLS
UETST601SYS**

THE LATEST ECONET™ CONTROL CENTER INCLUDES INTUITIVE INTEGRATED AIR AND WATER CONTROL AND SUPPORTS NEW HIGH-EFFICIENCY PRODUCTS.

EASY TO SETUP, EASY TO USE, EASY TO SAVE

- Built with our 360°+1 design philosophy, it is optimized for Installability™, Performance, Integration & Serviceability
- Controls 65%† or more of a typical home's energy use from a single device
- Can reduce energy costs by up to 30%††

FEATURES

- Added support for new EEV (Electronic Expansion Valve) Air Handlers, Air Conditioners and Heat Pumps*
- Rapid installation with standard 4-wire configuration
- Automatically configures communicating equipment with optimal settings
- Adapts to home décor through interchangeable faceplates and adjustable background coloring
- Full-color, 4.7" LCD touchscreen display with easy-to-read icons and text
- Convenient date, time and indoor/outdoor temperature indications
- 5 operating modes with short-cycle protection (Heat, Cool, Auto, Emergency Heat, Fan Only)

- 7-Day programmable schedule with Smooth Arrival & Whole Home Vacation options
- Detailed operating status, alarm history, and audible alerts
- Supports humidifier accessories or over-cool based dehumidification
- One-touch access to Water Heater Management†††
- Easily manage from anywhere in the world with the compatible WiFi Module & EcoNet app for smart phones and tablets

LIMITED WARRANTY

- 5-Year limited warranty from date of installation
- If installed as part of a Ruud System, the EcoNet Control Center will be covered under the applicable product parts warranty. Refer to manufacturer product warranty card for specific details.

† Source – Department of Energy

†† When compared to non-programmable thermostats. Source: ENERGY STAR® for Programmable Thermostats

††† Requires wired connection to EcoNet Enabled Electric or Hybrid Water Heaters



ECONET™ CONTROL CENTER
Home control with intuitive LCD touchscreen navigation

ECONET CONTROL CENTER COMPATIBILITY

OFFERINGS	HEATING & COOLING										WiFi Kit for HVAC REWRA630SYS	WATER HEATING		
	Gas Furnaces			Air Handlers		Air Conditioners		Heat Pumps				Electric Tank Models Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models
Product Categories	U97V	U96V	U802V	RHMV	RH2T (EEV)	UA20	UA17	UP20*	UP17					
Models	U97V	U96V	U802V	RHMV	RH2T (EEV)	UA20	UA17	UP20*	UP17					
UETST601SYS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

*Available in 2016

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RELY ON RUUD.™



ECONET™ PRODUCT SELECTION GUIDE

EcoNet Control Center Compatibility

Offerings	Heating & Cooling											WiFi Kit for HVAC REWRA630SYS	Water Heating		
Product Categories	Gas Furnaces		Air Handlers		Air Conditioners				Heat Pumps				Electric Tank Model Numbers Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models
Models	U96V	U802V	RHMV	RH2T (EEV*)	UA20	UASL-JEC	UA17	UARL-JEC	UP20	UP17	UPRL-JEC				
UETST601SYS	✓	✓	✓	✓	✓	✓★	✓	✓★	✓	✓	✓★	✓	✓	✓	

★ *Comfort Control² System™* Translator for EcoNet Required



RETRN620CC2

Installation of the RETRN620CC2 *Comfort Control² System™* Translator on the outdoor unit's control board is required to operate *Comfort Control² System™* Air Conditioner and Heat Pump models (****JEC) with an EcoNet Control Center in a fully communicating mode when matched with EcoNet Enabled Furnaces or Air Handlers.



EcoNet Control Center

The EcoNet Control Center serves as the hub of communication for a home's Heating, Cooling and Water Heating systems, and is required to operate an EcoNet Enabled Heating & Cooling system in a fully communicating mode. The Control Center is compatible with *Comfort Control² System™* Air Conditioner and Heat Pump models when matched with a U96V or U802V Gas Furnace, or a RHMV or RH2T (EEV*) Air Handler. It also works with EcoNet Enabled Electric and Hybrid Tank Type Water Heaters.



*Electronic Expansion Valve (EEV) Models



EcoNet WiFi Kits

EcoNet WiFi Kits use the homeowner's wireless network and broadband Internet connection to enable remote operation of EcoNet Enabled equipment from the mobile-friendly web portal and mobile apps.

WiFi Kit for Heating and Cooling



REWRA630SYS

The REWRA630SYS WiFi Kit is required to remotely operate EcoNet Enabled Heating & Cooling systems from the EcoNet web portal and mobile apps. The REWRA630SYS is also compatible with EcoNet Enabled Electric or Hybrid Tank Type Water Heaters that may be part of the total home comfort solution.

WiFi Kit for Electric and Hybrid Water Heaters



EEWRA631EWH

The EEWRA631EWH WiFi Kit is required to remotely control EcoNet Enabled Electric and Hybrid Tank Type Water Heaters from the EcoNet web portal and mobile apps.

WiFi Kit for Gas Water Heaters



EEWRA631GWH

The EEWRA631GWH WiFi Kit is required to remotely control EcoNet Enabled Gas Tank Type Powered Damper Tank Water Heaters from EcoNet web portal and mobile apps.

Note: EcoNet Enabled Gas Powered Damper Tank Type Water Heaters can only be accessed from the EcoNet web portal and mobile apps, and not from the EcoNet Control Center.

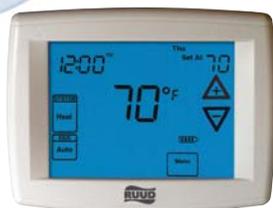
Water Heating WiFi Kit Selection

Offerings	Water Heating			
	Product Categories	Electric Tank Model Numbers Ending in EC2	Hybrid Tank HB50 Models	Gas Powered Damper Tank Models
EEWRA631EWH		✓	✓	
EEWR631GWH				✓

NOTE: All model numbers are specific to the wholesale channel. Retail model numbers may differ.

In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice.

RUUD THERMOSTATS



Ruud 400 Series Touchscreen – Modulating Furnace



Specially designed to work with Rheem Prestige Series modulating gas furnaces. Plus, it's designed to be easy-to-view, easy-to-understand and easy-to-operate with simple on-screen programming.

- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming allows users to remove

- thermostat to set the schedule
- Keypad lockout options
- Easy, menu-driven programming
- Humidification and dehumidification controls
- Maintenance reminders
- Suitable for use with an indoor or outdoor sensor
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
UHC-TST412MDMS	7, 5/1/1	1H/2C	3H/2C	Yes Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rh,Rc,C,V,W/E, Y,Y2,G,B,L,6 DHM,HM,+,-S,-	5-7/8 4-5/6 1-1/4	F1451328 (1)	F1451378 (1)



Ruud 400 Series Touchscreen – Dual Fuel Ready



Specifically designed for comfort and energy savings with dual fuel split systems or Package Dual Fuel models. Ships with outdoor temperature sensor included.

- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming allows users to remove

- thermostat to set the schedule
- Keypad lockout options
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Humidification and dehumidification controls
- Maintenance reminders
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
UHC-TST422DFMS	7, 5/1/1	2H/2C	4H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E, W2,Y,Y2,G,O/B 6,DHM,HM,+,-S,-	5-7/8 4-5/6 1-1/4	F1451328 (1)	F1451378 (1 - Included)



Ruud 300 Series Deluxe Touchscreen



- Bright 12 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Armchair programming allows users to remove thermostat from wall to set the schedule

- Keypad lockout options
- Maintenance reminders
- Suitable for use with an indoor or outdoor sensor
- Compressor short cycle protection
- 5-year limited warranty
- Additional feature for RHC-TST305UNMS only:
– Humidification and dehumidification controls

PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	REMOTE SENSOR INDOOR	REMOTE SENSOR OUTDOOR
UHC-TST314UNMS	7, 5/1/1	2H/2C	3H/2C	Yes-Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E,W2 Y,Y2,G,B,O,L,6,+,-S,-	5-7/8x 4-5/6x1-1/4	F1451328 (1)	F1451378 (1)
UHC-TST305UNMS	7, 5/1/1	2H/2C	4H/2C	Yes-Outdoor Sensor Req	2/2	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto Prog	Rc,Rh,C,W/E,W2,Y,Y2 G,O/B,6,DHM,HM,+,-S,-	5-7/8x 4-5/6x1-1/4	F1451328 (1)	F1451378 (1)



Ruud 200 Series Programmable



- Lighted 4 square inch blue display
- Fast and easy to program
- Permanent program retention
- Easy to wire terminal block
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
UHC-TST211GESS	5/2, 5/1/1	1H/1C	N/A	Yes	No	Cool-Auto-Heat-Off	On-Auto	Rc,Rh,C,W,Y,G,O/B	5-1/8 x 3-7/8 x 1-1/4
UHC-TST213UNMS	5/1/1	2H/2C	3H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	RH,RC,C,E,W1,W2,G,Y1,Y2,O,B,L	5-1/8 x 3-7/8 x 1-1/4

EMERSON (WHITE-RODGERS) THERMOSTATS



Sensi WiFi Thermostat

The Sensi WiFi Programmable Thermostat provides control of home comfort - anytime and anywhere from a smartphone, tablet or PC. The FREE Sensi App connects the Sensi thermostat to a home WiFi router. No more wasteful heating or cooling an empty home. Includes 5-year limited warranty with the professional installation.

- Easy to install
 - No “C wire” require for most applications. (Required for heat only/cool only systems)
 - Traditional wire and configure installation

- Simple to Connect
 - Connect to home WiFi at installation, or customer-self-service using Sensi app
 - Android and iOS compatible
 - Connect Contractors with Customers
- Customizable company name and contact info via smartphone or table app when service is needed
- Over-The-Air (OTA) product updates
- Universal application



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	INDOOR REMOTE SENSOR	OUTDOOR REMOTE SENSOR
1F86U-42WF	7	2H/2C	4H/2C	—	—	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,W/E,W2,Y2,G,B,0/L,6,+,-	5-7/8 x 3-3/4 x 1-1/4	—	—



12" Blue Touchscreen

- Bright 12 square inch Touchscreen display
- Dual-Powered – Choice of battery-powered or hardwired with battery back-up
- Universal – Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Arm-chair programming
- Keypad lockout options

- Maintenance reminders
- Suitable for use with indoor and outdoor sensors
- Compressor short cycle protection
- 5-year limited warranty
- Additional features for 1F95-1291 only: Humidification and dehumidification controls



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	INDOOR REMOTE SENSOR	OUTDOOR REMOTE SENSOR
1F95-1277	7, 5/1/1	2H/2C	3H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto-Prog	Rc,Rh,C,W/E,W2,Y2,G,B,0,L,6,+,-	5-7/8 x 4-5/6 x 1-1/4	F1451328 (1)	F1451378 (1)
1F95-1291	7, 5/1/1	2H/2C	4H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto-Prog	Rc,Rh,C,W/E,W2,Y2,G,0/B,6,DHM,HM,+,-	5-7/8 x 4-5/6 x 1-1/4	F1451328 (1)	F1451378 (1)
1F97-1277	7, 5/1/1	1H/1C	1H/1C	—	—	Yes	Yes	Cool-Auto-Heat	On-Auto-Prog	Rc,Rh,C,W,Y,G,L,0,B,6,+,-	5-7/8 x 4-5/6 x 1-1/4	F1451328 (1)	F1451378 (1)



12" Easy Install Blue Touchscreen

- Upgrade single stage applications to premium high efficiency systems using existing 4-wire thermostat cable
- Equipment control feature quick connect terminals for faster installation; wiring and configuration is done at the control, mounted near the equipment
- User interface features scrolling text confirming connection to equipment control and

- displaying words for easy menu configuration
- Color-coded LEDs provide positive feedback for easy setup and confidence in the installation
- Humidification and dehumidification controls
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	INDOOR REMOTE SENSOR	OUTDOOR REMOTE SENSOR
1F98EZ-1421	7, 5/1/1	2H/2C	4H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto-Prog	Rc,Rh,C,W/E,W2,Y2,G,0/B,L,+,-,S,-,HM, HM2, DHM, DHM2	5-7/8 x 4-5/6 x 1-1/4	—	F1451378 (1)
1F98EZ-1441	7, 5/1/1	2H/2C	4H/2C	Yes	2/2	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto-Prog	Rc,Rh,C,W/E,W2,Y2,G,0/B,L,+,-,S,-,HM, HM2, DHM, DHM2	5-7/8 x 4-5/6 x 1-1/4	—	F1451378 (Included)

EMERSON (WHITE-RODGERS) THERMOSTATS



Blue Wireless Easy Install Thermostat

- Provides wireless temperature and comfort control for HVAC systems; ideal where pulling wires is difficult and additional temperature sensing is desired
- Color-coded LEDs provide positive feedback for easy setup and confident installation
- Thermostat and equipment control are paired at the factory – nothing to configure
- Wireless sensor F145RF-1600 (ordered

- separately) is configurable for indoor use (up to three sensors) or outdoor use (one sensor)
- Large 6 square inch blue display with easy to read characters
- Battery powered
- Humidification and dehumidification controls
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	INDOOR REMOTE SENSOR	OUTDOOR REMOTE SENSOR
1F98EZ-1621	7	2H/2C	4H/2C	Yes	2/2	Yes	No	Heat-A/C-Fan-Off	N/A	R,Rc,Rh,C,W/E,W2,Y,Y2,G,O/B,L,HM,DM2,DHM,DHM2	6-7/16 x 4-1/4 x 1-1/4	F145RF-1600 (3)	F145RF-1600 (1)



Blue 6" Easy Reader Programmable

- Large 6 square inch blue display with easier to read characters, offers display numbers and letters twice as large as other thermostats
- Homeowner friendly language and mode buttons with one-touch functionality
- Dual Fuel capable with SmartFuel™ logic

- program; no outdoor sensor required
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F95EZ-0671	7	2H/2C	4H/2C	No	No	Heat-A/C-Fan-Off	N/A	Rc,Rh,C,W/E,W2,Y,Y2,G,O/B,6,L	6-7/16 x 4-1/4 x 1-3/4



Blue 4" Programmable

- Large 4 square inch blue display with easy to read characters
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods

- Patented pre-programmed software simplifies time and temperature programming
- Exclusive battery power monitor
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F80-0471	5/2, 5/1/1	1H/1C	1H/1C	Yes	No	Cool-Auto-Heat-Off	On-Auto	Rh,Rc,C,W,Y,G,O/B	4-1/2 x 3-1/2 x 1-1/8
1F85-0422	5/2, 5/1/1	2H/2C	3H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	RH,RC,C,E/W1,W2,G,Y1,Y2,O,B,L	5-1/8 x 3-7/8 x 1-1/4
1F85-0477	7, 5/1/1	2H/2C	3H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	RH,RC,C,W/E,W2,G,Y,Y2,O,B,L,6	5-1/8 x 3-7/8 x 1-1/4



Blue 4" Non-Programmable

- Large 4 square inch blue display with easy to read characters
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Exclusive battery power monitor

- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F83-0471	None	1H/1C	3H/2C	Yes	No	Cool-Off-Heat-EM Heat	On-Auto	Rh,Rc,C,G,W/E,W2,Y2,O/B,6,L	4-1/2 x 3-1/2 x 1-1/8
1F86-0471	None	1H/1C	1H/1C	Yes	No	Cool-Auto-Heat-Off	On-Auto	Rh,Rc,C,W,Y,G,O/B	4-1/2 x 3-1/2 x 1-1/8

EMERSON (WHITE-RODGERS) THERMOSTATS



Blue 2" Programmable

- 2 square inch blue display with easy to read characters
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Patented pre-programmed software simplifies time and temperature programming
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Exclusive battery power monitor
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F80-0261	5/1/1	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,Y,W,G,O/B	4-13/16 x 3-13/16 x 1-1/2
1F82-0261	5/1/1	-	2H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,Y,W2,G,O/B,L	4-13/16 x 3-13/16 x 1-1/2



Blue 2" Non-Programmable

- 2 square inch blue display with easy to read characters
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Exclusive battery power monitor
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F86-0244	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,Y,W,G,O/B	4-13/16 x 3-13/16 x 1-1/2
1F89-0211	None	-	2H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,Y,W2,G,O/B,L	4-13/16 x 3-13/16 x 1-1/2



Blue 2" Easy Set Non-Programmable

- 2 square inch blue display with easy to read characters
- Easy to change temperature presets
- Dual-Powered - Choice of battery-powered or hardwired with battery back-up
- Exclusive battery power monitor
- Exclusive Cool Savings™ feature saves energy during peak A/C demand periods
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F86EZ-0251	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,O/B,W,Y,G	4-13/16 x 3-13/16 x 1-1/2
1F89EZ-0251	None	N/A	2H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,O/B,W2,Y,G,L	4-13/16 x 3-13/16 x 1-1/2



Classic 80 Series Programmable

- Lighted digital display
- Fast and easy to program
- Compressor short cycle protection
- Easy to wire terminal block
- Permanent program retention
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F85-277	7, 5/1/1	2H/2C	3H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	R,C,EW1,W2,G,Y1,Y2,O,B,L	6-1/8 x 3-3/4 x 1-1/4



Classic 80 Series Non-Programmable

- Lighted digital display
- Easy to wire terminal block
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F86-241	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,C,W2,Y,G,B/O,E,L	6-1/8 x 3-3/4 x 1-1/4

EMERSON (WHITE-RODGERS) THERMOSTATS



New 80 Series Programmable

- Large bright backlight digital display with high contrast screen
- Slim profile and modern design
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F83C-11PR	7, 5/1/1	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	Rc,Rh,C,W,Y,O/B,G	6 x 3-3/4 x 1-1/8
1F83H-21PR	7, 5/1/1	—	2H/1C	No	No	Cool-Heat-EM Heat-Off	On-Auto	R,C,W2,E,Y,O/B,G,L	6 x 3-3/4 x 1-1/8
1F85U-22PR	7, 5/1/1	2H/2C	2H/1C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,W/E,W2,Y,Y2,O/B/6,G,L	6 x 3-3/4 x 1-1/8
1F85U-42PR	7, 5/1/1	2H/2C	4H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,W/E,W2,Y,Y2,O/B/6,G,L	6 x 3-3/4 x 1-1/8



New 80 Series Programmable

- Large bright backlight digital display with high contrast screen
- Slim profile and modern design
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F83H-21NP	None	—	2H/1C	No	No	Cool-Heat-EM Heat-Off	On-Auto	R,C,W2,E,Y,O/B,G,L	6 x 3-3/4 x 1-1/8
1F85U-22NP	None	2H/2C	2H/1C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,W/E,W2,Y,Y2,O/B/6,G,L	6 x 3-3/4 x 1-1/8
1F85U-42NP	None	2H/2C	4H/2C	Yes	No	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,W/E,W2,Y,Y2,O/B/6,G,L	6 x 3-3/4 x 1-1/8



70 Series Programmable

- Digital display
- Economical upgrade to digital accuracy and energy savings
- Easy to use
- Footprint covers wall marks of most

mechanical thermostats without additional wall plate

- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F78-151	5/2	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	Rh,Rc,G,W,Y,O,B	5-1/8 x 3-3/4 x 1-1/8



70 Series Non-Programmable – Horizontal

- Digital display
- Economical upgrade to digital accuracy and energy savings
- Easy to use
- Footprint covers wall marks of most

mechanical thermostats without additional wall plate

- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1F78-144	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	Rh,Rc,G,W,Y,O,B	5-1/8 x 3-3/4 x 1-1/8
1F79-111	None	N/A	2H/1C	No	No	Cool-Off-Heat-EM Heat	On-Auto	R,C,W2,Y,G,O/B,E,L	5-1/8 x 3-3/4 x 1-1/8

EMERSON (WHITE-RODGERS) THERMOSTATS



70 Series Non-Programmable – Vertical

- Digital display
- Economical upgrade to digital accuracy and energy savings
- Easy to use
- Compressor short cycle protection
- 5-year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1E78-140	None	1H/0C	—	No	—	On-Off	—	Rh, W	3-3/16 x 5-5/16 x 1-1/8
1E78-144	None	1H/1C	1H/1C	No	—	Cool-Off-Heat	On-Auto	Rc,Rh,G,W,Y,B,O	3-3/16 x 5-5/16 x 1-1/8



Mechanical (Mercury Free) Thermostats

- Mercury free replacement for hundreds of White-Rodgers and competitive models installed during the past 50 years
- Enclosed contacts for increased reliability and accuracy
- Includes terminal wallplate for 3-wire zone valve applications
- Available in both horizontal (1F56N-444) and vertical (1E56N-444) configurations
- 5 Year limited warranty



PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
1E56N-444	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	Rc,Rh,W,Y,G,O,B,A	3-1/4 x 4-1/2 x 1-5/8
1F56N-444	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	Rc,Rh,W,Y,G,O,B,A	4-1/2 x 3-1/4 x 1-5/8

PRO1 THERMOSTATS

Contractors demand quality, reliability, and availability. Homeowners want an easy to use thermostat with premium styling and large displays. The Pro1 thermostats are designed to satisfy these heavy duty demands. They provide a great value and are exclusive to the HVAC industry.

- Dual powered – choice of battery-powered or hardwired with battery back-up
- One Size Thermostats – All Pro1 thermostats have the same size footprint, so you'll never have to worry about wall marks left by older designs; you can also upgrade to new models without replacing the subbase

- Innovative Dealer Badge System - Private labeling for dealers has never been easier. The magnetic badge is universal for all Pro1 models. Go to www.rheemparts.com or www.ruudparts.com for more details and a copy of the "Private Label Program Order Form"
- Color coded terminal blocks to help identify terminals
- Glow in the dark light button
- Compressor short cycle protection due to user inputs
- 5-year limited warranty



PRO1 WIFI THERMOSTATS

T855i Programmable WiFi



- Control and monitor the HVAC system's performance from anywhere
- Active alerts send notification to smart device if the system is not working correctly
- Easy setup; quickstart guide walks homeowner through the WiFi linking procedure

- Smart grid capable; works with many utility incentive programs
- Bright 8 square inch LCD display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable
- Armchair programming



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
T855i	T855i	7, 5/1/1	2H/2C	3H/2C	Yes	2/1	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,O,B,W,E,W2,G,Y1,Y2	4-3/4 x 4-7/16 x 1-1/4	10	Yes

PRO1 THERMOSTATS

PRO1 WIFI THERMOSTATS

T701i WiFi



- Low cost basic WiFi option; programmable through app only
- Control and monitor the HVAC system's performance from anywhere
- Active alerts send notification to smart device if the system is not working correctly

- Easy setup; quickstart guide walks homeowner through the WiFi linking procedure
- Smart grid capable; works with many utility incentive programs
- Bright 4 square inch LCD display



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
T701i	T701i	Via WiFi	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,W,Y,G,B,O	4-3/4 x 4-7/16 x 3/4	10	Yes

T900 Series Touchscreen – Wireless



- Wall thermostat wirelessly communicates up to 100 feet with base module, which is installed adjacent to equipment
- Bright 13 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)

- Armchair programming
- Keypad lockout options
- Maintenance reminders
- Suitable for use with up to four indoor sensors and one outdoor sensor
- Humidification and dehumidification controls



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411093	T955WH	7, 5/1/1	2H/2C	3H/2C	Yes Outdoor Sensor Req	2/1	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,B,O,G W1/E,W2,Y1,Y2,D,H	4-3/4 x 4-7/16 x 1-1/4	5	Yes

T900 Series Touchscreen



- Bright 13 square inch Touchscreen display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411066	T905	7, 5/1/1	1H/1C	1H/1C	—	—	Yes	Yes	Cool-Auto-Heat-Off	On-Auto	Rc,Rh,C,W, Y,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411067	T925	7, 5/1/1	N/A	3H/2C	Yes Gas as Auxiliary Heat Only	2/1	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto	R,C,O,B,E, W2,G,Y1,Y2,L	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411090	T955	7, 5/1/1	2H/2C	3H/2C	Yes Gas as Auxiliary Heat Only	2/1	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,B,O,G, W/E,W2,Y,Y2	4-3/4 x 4-7/16 x 1-1/4	10	Yes

T800 Series Programmable



- Bright 8 square inch LCD display
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Armchair programming



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411064	T805	7, 5/1/1	1H/1C	1H/1C	—	—	Yes	Yes	Cool-Auto-Heat-Off	On-Auto	Rc,Rh,C,W, Y,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411065	T855	7, 5/1/1	2H/2C	3H/2C	Yes Gas as Auxiliary Heat Only	2/1	Yes	Yes	Cool-Auto-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,O,B, W/E,W2,G,Y1,Y2	4-3/4 x 4-7/16 x 1-1/4	10	Yes



PRO1 THERMOSTATS



T800 Series Non-Programmable

- Bright 8 square inch LCD display

PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411088	T801	None	1H/1C	1H/1C	—	—	Yes	No	Cool-Auto-Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W,Y	4-3/4 x 4-7/16 x 1-1/4	10	Yes



T700 Series Programmable

- Bright 4 square inch LCD display
- Armchair programming
- Additional features for PD411089 only: Humidification and dehumidification controls
- Additional features for PD411097 only: Up to 16 remote wired indoor sensors and outdoor sensor



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411061	T705	5/1/1	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,W,Y,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411062	T715	5/1/1	2H/2C	N/A	—	—	No	No	Cool-Heat-Off	On-Auto	R,C,W,W2,Y,Y2,G	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411087	T725	5/1/1	N/A	2H/1C	Yes	1/1	No	No	Cool-Heat-EM Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W/E,W2,Y,Y2	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411085	T755	5/1/1	2H/2C	3H/2C	Yes	2/1	No	Yes	Cool-Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W/E,W2,Y,Y2	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411089	T755H	5/1/1	2H/2C	3H/2C	Yes	2/1	No	Yes	Cool-Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W/E,W2,Y,Y2,D,H	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411097	T755S	5/1/1	2H/2C	3H/2C	Yes	2/1	No	Yes	Cool-Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W/E,W2,Y,Y2,S1/S2	4-3/4 x 4-7/16 x 1-1/4	10	Yes



T700 Series Non-Programmable

- Bright 4 square inch LCD display



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411060	T701	None	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,W,Y,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411063	T721	None	N/A	2H/1C	Yes	1/1	No	No	Cool-Heat-EM Heat-Off	On-Auto	R,C,Y,O,W2,B,G,E	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411072	T771	None	1H or 1C	N/A	—	—	No	No	On-Off	On-Auto	R,C,Y,W,G	4-3/4 x 4-7/16 x 1-1/4	10	Yes



T600 Series Programmable

- Bright 2 square inch LCD display
- Armchair programming



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411095	T605-2	5/1/1	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,Y,W,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes

PRO1 THERMOSTATS



T600 Series Non-Programmable (LCD)

- Bright 2 inch LCD display



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411094	T601-2	None	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,Y,W,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes
PD411096	T621-2	None	—	2H/1C	—	—	No	No	Cool-Heat-EM Heat-Off	On-Auto	R,C,Y,W2,E,G,B,O	4-3/4 x 4-7/16 x 1-1/4	10	Yes



T600 Series Non-Programmable (Dial)

- Intuitive set-point dial



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
PD411092	T601	None	1H/1C	1H/1C	—	—	No	No	Cool-Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W,Y	4-3/4 x 4-7/16 x 1-1/4	10	Yes



T600 Series Non-Programmable PTAC Thermostats

- Simple retrofit thermostat for PTAC applications
- Bright 2 square inch LCD display
- T631-2 - wired
- T631W-2 - wireless

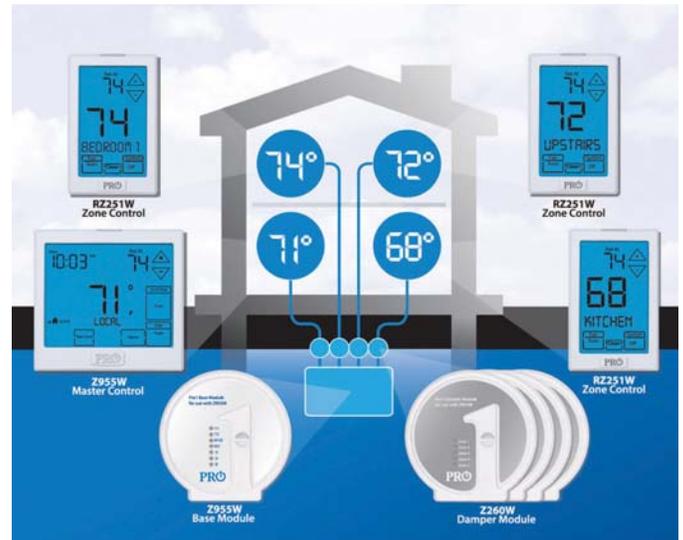


PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
T631-2	—	None	1H/1C	2H/1C	—	—	No	No	Cool-Heat-Off	Auto-Low-High	R,C,W,Y,GL,GH,O/B	4-3/4 x 4-7/16 x 1-1/4	—	—
PD411103	T631W-2	None	1H/1C	2H/1C	—	—	No	No	Cool-Heat-Off	Auto-Low-High	R,C,B,O,GL,GH,W,Y	4-3/4 x 4-7/16 x 1-1/4	5	Yes

PRO1 THERMOSTATS

PRO1 WIRELESS ZONING SYSTEM

- Universal wireless zone control system
- Controls up to five zones
- No control wires or zone panel
- Compatible with any 24VAC two or three-wire dampers
- Master control serves as central command center
- More flexibility than a conventional wired zoning system
- Affordable retrofit option



Z955W Master Zoning Control

- Wall thermostat wirelessly communicates up to 100 feet with base module, which is installed adjacent to equipment
- Bright 13 square inch Touchscreen display
- Armchair programming
- Universal - Choice of 7 day, 5/1/1 day programmable, or non-programmable (Installer selectable)
- Keypad lockout options
- Maintenance reminders



PART NO	IDENTIFIER	PROG	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	DUEL FUEL READY	STAGES DUEL FUEL HEAT (HP/GAS)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)	CASE QTY	CASE REQ
Z955W	Z955W	7, 5/1/1	2H/2C	3H/2C	Yes - Outdoor Sensor Req	2/1	Yes	Yes	Cool-Auto-Heat EM Heat-Off	On-Auto	Rc,Rh,C,B,O,G,W1,E,W2,Y1,Y2	4-3/4x 4-7/16x1-1/4	5	Yes



ZDA250W Wireless Discharge Sensor

- Helps protect equipment against overheating or overcooling
- Requires 24VAC Class 2 power source



PART NO	DESCRIPTION
ZDA250W	Wireless Discharge Air Sensor



Z260W Wireless Damper Module

- Control up to three dampers (10VA total load)
- Requires 24VAC Class 2 power source



PART NO	DESCRIPTION
Z260W	Wireless Damper Module



Z2K955WDA 2-Zone Wireless Zoning Kit

- Includes all required components required for Two Zone wireless zoning install
- Includes one Z955W Master Control, one RZ251 Remote Zone Controller and two Z260W Damper Modules
- Recommended ZDA250W Discharge Air Sensor and optional RZ250W Outdoor Sensor are sold separately



PART NO	DESCRIPTION
Z2K955WDA	Wireless Zoning Kit - 2-Zone

HONEYWELL THERMOSTATS



FocusPRO 6000 Series Programmable

Honeywell

- Large clear backlit display - Easy to read in various lighting conditions
 - TH6110D1005 and TH6220D1002 include 3.75 square inch screen
 - TH6110D1021 and TH6220D1028 include 5.09 square inch screen
- Dual-Powered – Choice of Battery-Powered or Hardwired with Battery Back-Up
- Simplified programming and operation
- Built in instructions – Simple pull-out instruction manual
- Adaptive Intelligent Recovery™ – Ensures programmed temperature is reached by programmed time
- Temperature range stops – prevents user from setting the temperature too high or too low
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH6110D1005	5/2, 5/1/1	1H/1C	1H/1C	Yes	No	Heat-Off-Cool-Auto	On-Auto	Rc,R,W(O/B),Y,G,C	5-13/16 x 3-9/16 x 1-1/2
TH6110D1021	5/2, 5/1/1	1H/1C	1H/1C	Yes	No	Heat-Off-Cool-Auto	On-Auto	Rc,R,W(O/B),Y,G,C	5-13/16 x 3-9/16 x 1-1/2
TH6220D1002	5/2, 5/1/1	2H/2C	2H/1C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2(AUX),Y,Y2(E),G,L,C	5-13/16 x 3-9/16 x 1-1/2
TH6220D1028	5/2, 5/1/1	2H/2C	2H/1C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2(AUX),Y,Y2(E),G,L,C	5-13/16 x 3-9/16 x 1-1/2



Wi-Fi FocusPRO

Honeywell

- Homeowners can monitor and control their home's comfort setting from anywhere at anytime
- Automatic software updates through Wi-Fi
- Connect using a regular computer, tablet or smartphone
- Large, clear, 5.09 square inch backlight display – easy-to-read in various lighting conditions.

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH6320WF1005	7	2H/2C	3H/2C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2 (AUX/E),Y,Y2,G,K,C	5-13/16 x 3-9/16 x 1-1/2



FocusPRO 5000 Series TH5110 Non-Programmable

Honeywell

- Large clear backlit display – Easy to read in various lighting conditions
 - TH5110D1006 includes 1.95 square inch screen
 - TH5110D1022 includes 2.98 square inch screen
- Dual-Powered – Choice of battery-powered or hardwired with battery back-up
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH5110D1006	None	1H/1C	1H/1C	Yes	No	Heat-Off-Cool-Auto	On-Auto	R,Rc,C,W(O/B),Y,G	4-1/2 x 3-7/16 x 1-5/16
TH5110D1022	None	1H/1C	1H/1C	Yes	No	Heat-Off-Cool-Auto	On-Auto	R,Rc,C,W(O/B),Y,G	4-1/2 x 3-7/16 x 1-5/16



FocusPRO 5000 Series TH5220/TH5320 Non-Prog.

Honeywell

- Large clear backlit display – Easy to read in various lighting conditions
 - TH5220D1003 includes 3.75 square inch screen
 - TH5220D1029 & TH5320U1001 include 5.09 square inch screen
- Dual-Powered – Choice of battery-powered or hardwired with battery back-up
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH5220D1003	None	2H/1C	2H/2C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2(AUX),Y,Y2(E),G,L,C	5-13/16 x 3-9/16 x 1-1/2
TH5220D1029	None	2H/2C	2H/1C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2(AUX),Y,Y2(E),G,L,C	5-13/16 x 3-9/16 x 1-1/2
TH5320U1001	None	2H/2C	3H/2C	Yes	No	Heat-Off-Cool-Auto-EM Heat	On-Auto	Rc,R,W(O/B),W2(AUX/E),Y,Y2,G,L,C	5-13/16 x 3-9/16 x 1-1/2

HONEYWELL THERMOSTATS



PRO 4000 Programmable

Honeywell

- Backlit digital display – Both current and set temperatures are easy to read in various lighting conditions
- Dual-Powered – Choice of battery-powered or hardwired with battery back-up
- Adaptive Intelligent Recovery™ – Ensures programmed temperature is reached by programmed time
- Basic operation – Easy-to-use slide switches
- Built in instructions – Simple pull-out instruction manual
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH4110D1007	5/2	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,Rc,W,Y,G,O,B,C	5-3/8 x 3-13/16 x 1-1/4
TH4210D1005	5/2	N/A	2H/1C	No	No	Cool-Off-Heat-EM Heat	On-Auto	R,Y,AUX,E,G,O,B,L,C	5-3/8 x 3-13/16 x 1-1/4



PRO 3000 Non-Programmable

Honeywell

- Backlit digital display – both current and set temperatures are easy to read in various lighting conditions
- Dual-Powered – Choice of battery-powered or hardwired with battery back-up
- Shows both current and set temperatures at the same time
- Basic operation – Easy-to-use slide switches
- Compressor short cycle protection
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
TH3110D1008	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,Rc,W,Y,G,O,B,C	5-3/8 x 3-13/16 x 1-1/4
TH3210D1004	None	N/A	2H/1C	No	No	Cool-Off-Heat-EM Heat	On-Auto	R,Y,AUX,E,G,O,B,L,C	5-3/8 x 3-13/16 x 1-1/4



Econostat (Mercury Free)

Honeywell

- Same precision temperature control and reliable performance as original Econostat, now mercury free
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE WxHxD (IN)
T822K1018	None	1H/0C	N/A	No	No	—	—	R,W	2-7/8 x 4-3/4 x 1-1/2



Round Non-Programmable (Mercury Free)

Honeywell

- Classic styling now mercury free
- Separate temperature setting and thermometer display dials
- 5-year limited warranty

PART NO	PROGRAMMING	STAGES HEAT/COOL (CONV)	STAGES HEAT/COOL (HEAT PUMP)	AUTO CHANGE OVER	PROG FAN	SYSTEM SWITCHES	FAN SWITCH	CONNECTIONS	SIZE DIA/DEPTH (IN)
T87K1007	None	1H/0C	—	No	No	Heat-Off	On-Auto	R,W,Y	3-11/16 / 1-3/4
T87N1000	None	1H/1C	1H/1C	No	No	Cool-Off-Heat	On-Auto	R,Rc,W,Y,G,O,B	3-11/16 / 1-3/4

CONSTRUCTION THERMOSTATS

Construction thermostats are a low cost, non-adjustable, temporary thermostat preset to a given temperature.

- Reduces fuel bills during the construction process; no more high fuel bills caused by

construction workers turning up the thermostat and leaving

- Rugged construction; not affected by heat, moisture, paint and drywall dust
- Mercury-free



Temp-Stat Construction Thermostats

Rated 24VAC, 1A



PART NO	DESCRIPTION	CASE QTY	CASE REQ
CL-70	Temporary Construction Thermostat - Cooling Only - 70F	10	Yes
TS-41	Temporary Construction Thermostat - Heating Only - 41F	10	Yes
TS-50	Temporary Construction Thermostat - Heating Only - 50F	10	Yes
TS-60	Temporary Construction Thermostat - Heating Only - 60F	10	Yes
TS-65	Temporary Construction Thermostat - Heating Only - 65F	10	Yes
TS-70	Temporary Construction Thermostat - Heating Only - 70F	10	Yes
TS-75	Temporary Construction Thermostat - Heating Only - 75F	10	Yes

ICM Construction Thermostats

Rated 24VAC, 2A



PART NO	DESCRIPTION	CASE QTY	CASE REQ
41-ICMSC055	Temporary Construction Thermostat - Cooling Only - 55F	10	Yes

THERMOSTAT ACCESSORIES

THERMOSTAT GUARDS

F29-0143



These durable poly guards are designed for use in offices, churches, restaurants, and other public areas to prevent adjustment of the thermostat by unauthorized personnel.

- Clear plastic keeps thermostat visible

- Can be mounted vertically or horizontally
- Includes options for both ring mount or solid plate mount
- Furnished with one key



PART NO	LENGTH (IN)	HEIGHT (IN)	DEPTH (IN)	COVER MATERIAL
F29-0143	6-3/8	3-1/2	3	Clear Plastic

F29-0222



These durable metal guards are designed for government, military, industrial, and education applications to prevent adjustment of the thermostat by unauthorized personnel.

- Beige enamel finish over heavy-duty steel enclosure
- Can be mounted vertically or horizontally
- Furnished with one key



PART NO	LENGTH (IN)	HEIGHT (IN)	DEPTH (IN)	COVER MATERIAL
F29-0222	6-5/8	4-1/2	3-3/8	Metal - 18 guage

T150



Pro1's commercial strength locking thermostat cover guard; can be installed without removing the existing thermostat; ideal for high traffic areas.

- Clear plastic keeps thermostat visible
- Furnished with one key



PART NO	LENGTH (IN)	HEIGHT (IN)	DEPTH (IN)	COVER MATERIAL
F29-0222	6-3/4	5	2-3/8	Clear Plastic

THERMOSTAT ACCESSORIES

WALL PLATES

RETSTWPLWHT EcoNet Wall Plate



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
RETSTWPLWHT	5	6-5/8	White	Fits all EcoNet control centers

F61-2301



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2301	5-5/8	5-3/4	White	Includes adapter for mounting to vertical junction box

F61-2500



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2500	4-5/8	7-5/8	White	Fits all 80 Series Emerson/White-Rodgers models except Blue models

F61-2252



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2252	5-5/8	5-3/4	Beige	Fits all 1F90 and 1F70 Emerson/White-Rodgers models

F61-2300



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2300	7-1/4	5-1/2	White	Fits all 1F90 Emerson/White-Rodgers models except Blue models

F61-2510



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2510	6-1/2	4-1/2	White	Fits all F70 Emerson/White-Rodgers models. Includes adapter for mounting to horizontal or vertical junction box

F61-2550



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2550	6-1/2	4-1/2	White	Fits all F70 Emerson/White-Rodgers models

F61-2600



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2600	8-1/8	5-3/8	White	Fits 90 Series Blue Emerson/White-Rodgers models. For use with or without horizontal junction box.

THERMOSTAT ACCESSORIES

WALL PLATES

F61-2634

White-Rodgers



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
F61-2634	5	6-1/2	White	Fits 90 and 80 Series Blue Emerson/White-Rodgers models. For use with or without horizontal junction box.

PD411073 (T119)

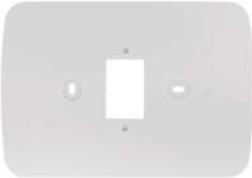
PRO



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION	CASE QTY	CASE REQ
PD411073	5-1/2	7-1/2	White	Fits all Pro1 IAQ models	5	Yes

50028399-001

Honeywell



PART NO	HEIGHT (IN)	WIDTH (IN)	COLOR	DESCRIPTION
50028399-001	5-1/2	7-7/8	White	Fits Honeywell THX9000 series high definition thermostats. Includes bracket for mounting to 2 in. x 4 in. junction box.

EMERSON (WHITE-RODGERS) REMOTE TEMPERATURE SENSORS

F1451328 Indoor Sensor



- For use with all Emerson (White-Rodgers) thermostats with remote sensor capability
- Classic white color

- Digital signal output provides superior temperature control
- Works with a maximum 300 foot wire run

EMERSON

PART NO	DESCRIPTION
F1451328	Remote Indoor Sensor

F1451378 Outdoor Sensor



- For use with all Emerson (White-Rodgers) thermostats with remote sensor capability
- Classic white color

- Digital signal output provides superior temperature control
- Works with a maximum 300 foot wire run

EMERSON

PART NO	DESCRIPTION
F1451378	Remote Outdoor Sensor

F145RF-1600 Wireless Indoor/Outdoor Sensor



- 1F98EZ-1621 accepts up to three remote sensors configured as indoor sensors and one remote sensor configured as an outdoor

- sensor
- Requires two AA batteries

EMERSON

PART NO	DESCRIPTION
F145RF-1600	Wireless Remote Sensor - Indoor/Outdoor

THERMOSTAT ACCESSORIES

PRO1 REMOTE TEMPERATURE SENSORS

RZ251W Remote Indoor Sensor/Wireless Zone Control



- Wirelessly senses outdoor temperature for use with T900 Series Wireless thermostats and the Pro1 Wireless Zoning System
- Installs in minutes

- Wireless range up to 100 feet unobstructed and up to 50 feet in standard residential construction

PART NO	DESCRIPTION	CASE QTY	CASE REQ
RZ251W	Remote Indoor Sensor/Wireless Zone Control	5	Yes

RZ250W Remote Outdoor Sensor



- Wirelessly senses outdoor temperature for use with T900 Series Wireless thermostats and Wireless Zoning System
- Installs in minutes

- Wireless range up to 100 feet unobstructed and up to 50 feet in standard residential construction

PART NO	DESCRIPTION	CASE QTY	CASE REQ
RZ250W	Wireless Outdoor Temperature Sensor	5	Yes

R251S Remote Indoor Sensor



- For use with T755S thermostat
- Provides a better level of comfort by averaging as many as 16 different sensing points;

additional indoor sensors increase the accuracy of the temperature reading throughout a home

PART NO	DESCRIPTION	CASE QTY	CASE REQ
PD411099	Pro1 R251S Remote Indoor Sensor	5	Yes

R250S Remote Indoor Sensor



- For use with T755S thermostat
- Can be used as an outdoor temperature sensor to set a dual fuel balance point.

- Can be used as a floor sensor in radiant heating applications.

PART NO	DESCRIPTION	CASE QTY	CASE REQ
PD411098	Pro1 R250S Remote Indoor Sensor	5	Yes

HONEYWELL REMOTE TEMPERATURE SENSORS

C7189U1005 Indoor Sensor



- For use with VisionPRO Thermostats
- Used to sense temperature if the thermostat is installed in a poor temperature sensing location.
- Factory calibrated; no field calibration required.

- Small remote temperature sensor to match any room decor.
- Easy to install and use.
- Works with a maximum 200 foot wire run.

PART NO	DESCRIPTION
C7189U1005	Remote Indoor Sensor

C7089U1006 Outdoor Sensor



- For use with VisionPRO Thermostats
- Used for Dual Fuel application with thermostats that control dual fuel
- Factory calibrated; no field calibration required

- Mounting clip allows easy sensor positioning on siding or soffit
- 60 in. lead wires, works with a maximum wire run of 200 feet.

PART NO	DESCRIPTION
C7089U1006	Remote Outdoor Sensor

THERMOSTAT ACCESSORIES

HONEYWELL REMOTE TEMPERATURE SENSORS



REM5000R1001 Portable Comfort Control (RedLINK/Prestige HD)

Honeywell

- Works with compatible RedLINK™ enabled thermostats and accessories, including the HD Prestige™
- Touchscreen interface with backlit display
- Can display outdoor temperature and humidity
- Built-in pager with an audible noise helps locate the device in the home
- Screen-lock feature helps prevent accidental changes
- In Non-Zoned Applications:
 - Take anywhere in the home to sense and control temperature from the room that you are in
- In Zoned Applications:
 - View and adjust all RedLINK™ enabled thermostats from a single control
 - Controls up to 16 thermostats

PART NO	DESCRIPTION
REM5000R1001	Portable Comfort Control



C7089R1013 Remote Outdoor Sensor (RedLINK/Prestige HD) **Honeywell**

- Wirelessly senses outdoor temperature and humidity to display on compatible RedLINK™ enabled thermostats and accessories, include HD Prestige™
- Installs in minutes
- Up to 5-year battery life
- Includes two AA lithium batteries and mounting hardware

PART NO	DESCRIPTION
C7089R1013	Remote Outdoor Sensor

PRO1 WIRELESS ACCESSORIES

Pro1 W150W Wireless Repeater

PRO

The wireless repeater extends the signal range of Pro1 wireless devices. When W150W receives a coded wireless signal, it repeats it to extend the wireless range of the device. Extends range

up to 100 feet with no obstructions, and 50 feet in standard residential construction. Requires 24VAC power source.



PART NO	DESCRIPTION
W150W	Wireless Repeater

Pro1 WW160W “Wireless Wire”

PRO

Wireless Wire® replaces 24V control wiring. Simply connect the terminals on one module, and when those terminals see 24V, the corresponding terminals on the other module close.

- Wireless connect up to 2H/2C conventional or

3H/2C heat pump systems

- Add wires to a condensing unit
- Wireless range up to 100 feet unobstructed and up to 50 feet in standard residential construction



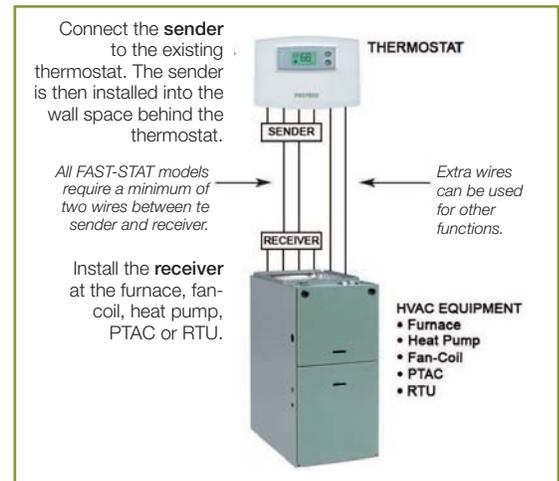
PART NO	DESCRIPTION	CASE QTY	CASE REQ
PD411086	“Wireless Wire” Wire Extender	5	Yes

THERMOSTAT ACCESSORIES

FAST-STAT WIRE EXTENDERS

For over 15 years now, 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. 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



FAST-STAT 1000 Wire Extender (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.

PART NO	POWER INPUT (VAC)	NO OF CONTACTS	CONTACT CONFIG	CONTACT RATING (VAC)	CONTACT RATING (A)
1000	18-30	2	NO	24	2

FAST-STAT 3000 Wire Extender (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.

PART NO	POWER INPUT (VAC)	NO OF CONTACTS	CONTACT CONFIG	CONTACT RATING (VAC)	CONTACT RATING (A)
3000	20-30	3	NO	24	2

FAST-STAT 5000 Wire Extender (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.

PART NO	POWER INPUT (VAC)	NO OF CONTACTS	CONTACT CONFIG	CONTACT RATING (VAC)	CONTACT RATING (A)
5000	20-30	4	NO	24	2

FAST-STAT 7000 Wire Extender (For Converting AC to HP)



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.

PART NO	POWER INPUT (VAC)	NO OF CONTACTS	CONTACT CONFIG	CONTACT RATING (VAC)	CONTACT RATING (A)
7000	20-30	5	NO	24	2

THERMOSTAT ACCESSORIES

FAST-STAT WIRE EXTENDERS



FAST-STAT 9000 Wire Extender (For Converting AC to 1 or 2-Stage HP)

Model 9000 mounts between the control board on the indoor unit and the outdoor unit. Provides 2-stage air conditioning or heat pump control over the existing 2-wire condenser cable. It is designed to reduce installation time when converting from an air conditioner to a heat pump (single or 2-stage) system. It can also interact with Zone Controllers made by Honeywell and others.

PART NO	DESCRIPTION
9000	FAST-STAT 9000 Wire Extender



Kure-A-Stat – Energy Saving Chip

- Micro post-purge fan off delay timer
- Measures run time of the compressor and/or heating system; calculates the best fan off delay time to purge ducts of residual air
- Works on all 24V systems that have a common wire, including heat pumps
- 5-year limited warranty



PART NO	DESCRIPTION
Kure-A-Stat	Kure-A-Stat - Energy Saving Chip

HUMIDISTATS & DEHUMIDISTATS



H8908ASPST Humidistat



Can be mounted in either vertical or horizontal configuration.

PART NO	VENDOR PART NO	VOLTAGE (VAC)	CONTACT CONFIG	CONTACT OPERATION	ADJUSTMENT RANGE (% RH)	MOUNTING LOCATON	SIZE WxHxD (IN)
H8908ASPST	H8908ASPST	24	SPST	Contacts close on humidity drop	10-60	Wall, Duct	5-1/2 x 4 x 2-1/2



45-25055-99 Humidistat



PART NO	VENDOR PART NO	VOLTAGE (VAC)	CONTACT CONFIG	CONTACT OPERATION	ADJUSTMENT RANGE (% RH)	MOUNTING LOCATON	SIZE WxHxD (IN)
45-25055-99	352680-008	24	SPST	Contacts close on humidity drop	20-80	Wall, Duct	4-3/4 x 2-7/8 x 1-3/8



H8908DSPST Dehumidistat



Can be mounted in either vertical or horizontal configuration.

PART NO	VENDOR PART NO	VOLTAGE (VAC)	CONTACT CONFIG	CONTACT OPERATION	ADJUSTMENT RANGE (% RH)	MOUNTING LOCATON	SIZE WxHxD (IN)
H8908DSPST	H8908DSPST/U	24	SPST	Contacts close on humidity rise	10-60	Wall, Duct	5-1/2 x 4 x 2-1/2



41-25066-02 Dehumidistat



PART NO	VENDOR PART NO	VOLTAGE (VAC)	CONTACT CONFIG	CONTACT OPERATION	ADJUSTMENT RANGE (% RH)	MOUNTING LOCATON	SIZE WxHxD (IN)
41-25066-02	J10-809-070	24	SPST	Contacts close on humidity rise	20-80	Wall	4-3/8 x 2-7/8 x 1-1/2

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS

SL-2000 SERIES DUCT SMOKE DETECTORS



Product Application: The SL-2000 Series Smoke Duct Detector is the latest innovation for early detection of smoke and products of combustion present in air moving through HVAC ducts in Commercial, Industrial, and Residential applications. The unit is designed to prevent the recirculation or spread of smoke by air handling systems, fans, and blowers. Complete systems may be shut down in the event of smoke detection. The SL-2000 is designed and built to meet all local code requirements, as well as the NFPA and ICC standards regarding HVAC supply and return duct smoke detectors. Output terminals are provided for a wide range of remote accessories such as horns, strobes, remote status indicators, and test/reset key switches or push buttons.

Product Description: The SL-2000 includes many features that represent true innovations from current generation duct smoke detectors. Air Products and Controls' traditional installer/ servicer-friendly approach has been closely followed and expanded throughout the SL-2000. This philosophy provides a new level of efficiency in after-purchase value to both the installer/ servicer and end-user. Attention to detail has yielded a host of "No-Tools Required" features, as well as a multi-application performance level as yet unmatched in the industry. The key features below detail many of the customer-driven innovations incorporated in the SL-2000 Series. Innovative product combined with unsurpassed customer service equals the right combination for all of your projects.

- Low-Flow Technology: Both Ionization and Photoelectric models listed for velocities between 100-4000 ft./min
- Both models listed for high-temperature applications
- Operating voltages: 230/120/24VAC, 24VDC
- Interconnect up to 30 units for common functions
- Patent-pending "No-Tools Required" front or rear loading and removing sampling/exhaust tubes
- Patent-pending "Test Port Valve" allows for

aerosol smoke testing without cover removal

- Clear cover fitted with four captive "No-Tools Required" thumbscrews
- Instantaneous cover removal trouble indication
- Staggered terminal blocks for easier wiring
- Flashing LED on detector head indicates normal operation
- Magnet test capability (magnet included)
- More wiring space than competitive models
- Footprint allows easy retrofit in many applications without additional drilling
- Over 15 remote accessories available
- Duct wall gaskets on back of enclosure are pre-installed
- Compatible with the WP-2000 weatherproof enclosure
- Reset switch is also an alarm test switch - competitive models require a magnet or cover removal to test at unit
- Unit includes green pilot and red alarm visual indicators
- External mounting tabs do not require cover removal to install
- Colored cover gasket indicates proper cover seal
- UL, C-UL, CSFM, and MEA Listed
- Compact, lightweight size means easy handling, lower shipping costs
- Two sets of 10A form "C" alarm contacts
- One set of 2A form "A" alarm contacts
- One set of 10A form "C" trouble contacts
- Large terminal connection screws
- Standard interchangeable "plug-in" UL268 photoelectric or ionization heads
- Advanced detector head design yields internal dust filtering
- No additional screens or filters to clean
- Compatible with building automation and fire alarm systems
- Ionization and Photoelectric versions available
- Complete wiring details permanently fixed to unit
- Toll-Free Technical Support: (888) 332-2241



SL-2000-N (849046) Duct Smoke Detector – Ionization

PART NO	VENDOR PART NO	DESCRIPTION
849046	SL-2000-N	Duct Smoke Detector - Ionization



SL-2000-P (849047) Duct Smoke Detector – Photoelectric

PART NO	VENDOR PART NO	DESCRIPTION
849047	SL-2000-P	Duct Smoke Detector - Photoelectric



Sampling Tubes for SL-2000 Series

PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
849050	STN-1.0	Sampling Tube - 10 in. (For SL-2000)	1	—
849051	STN-2.5	Sampling Tube - 2.5 ft. (For SL-2000)	5	Yes
849052	STN-5.0	Sampling Tube - 5.0 ft. (For SL-2000)	5	Yes
849053	STN-10.0	Sampling Tube - 10.0 ft. (For SL-2000)	1	—

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS

SM-501 SERIES DUCT SMOKE DETECTORS



Product Application: The SM-501 Series Duct Smoke Detector provides early detection of smoke and products of combustion present in air moving through HVAC ducts in Commercial, Industrial, and Residential applications. The unit is designed to prevent the re-circulation or spread of smoke by air handling systems, fans, and blowers. Complete systems may be shut down in the event of smoke detection. The SM-501 model will operate on any one of four input voltages (230, 120, or 24VAC or 24VDC). The SM-501 allows up to 30 detectors to be interconnected for many common functions.

Product Description: Continuing Air Products and Controls' history of building innovative and reliable products, the SM-501 is housed in the popular traditional compact housing. The unit provides two sets of 10 Amp form "C" alarm contacts, along with one set of 10 Amp form "C" trouble contacts for monitoring head removal and supply voltage failure. The green pilot and red alarm visual indicators provided on the front of the SM-501 signal the operating status of the device. The green pilot LED will be extinguished when the detector head is removed or power is lost. A manual test/reset switch is located next to the visual indicators. The SM-501 has been specially designed to allow linkage of common detector functions for up to 30 detectors. The units may be wired to use a common test/reset function, and to alarm when a single unit alarms. Also, up to 15 units with signaling devices may be interconnected to operate with a single alarm. The SM-501 is designed and built to meet all local code requirements, as well as the NFPA and ICC standards regarding HVAC supply and return duct smoke detectors. Output terminals are provided for remote accessories such as horns, strobes, remote status indicators, and test/reset key switches or push buttons. The SM-501 is avail-

able with either ionization or photo-electric detector heads, which are inter-changeable. Air sampling is accomplished via two rear loading tubes which protrude into the duct. An exhaust tube of one standard length (7.0 in) is supplied in the installation kit with the duct smoke unit. Once the duct width has been determined, the air intake sampling tube must be ordered. Sampling tubes are supplied in standard lengths (1.0, 2.5, 5.0, and 10.0 foot), and are cut to size to fit the duct. Mounting the duct smoke detector is accomplished by the use of a template and four sheet metal screws, as provided. Mounting can be achieved without the removal of the clear cover, which is secured by four captive screws.

- Operating voltages: 230/120/24VAC, 24VDC
- Both models listed for high temperature applications
- UL, C-UL, CSFM, and MEA Listed
- Interconnect up to 30 units for common functions
- Compact Size
- Two sets of 10A form "C" alarm contacts
- One set of 10A form "C" trouble contacts
- Rugged steel back box with clear cover
- Compatible with WP-1 weatherproof enclosure
- Easy retro-fit/upgrade of existing RW Series detectors
- Clear cover fitted with 4 captive screws
- Large terminal connection screws
- Interchangeable "Plug-In" photoelectric or ionization heads
- Easy mounting without cover removal
- Advanced detector head design yields internal dust filtering with no additional screens or filters to clean
- Over 15 remote accessories available
- Toll-Free Technical Support 888.332.2241



SM-501-N Duct Smoke Detector – Ionization

PART NO	VENDOR PART NO	DESCRIPTION
SM-501-N	SM-501-N	Smoke Detector - Ionization

SM-501-P Duct Smoke Detector – Photoelectric

PART NO	VENDOR PART NO	DESCRIPTION
SM-501-P	SM-501-P	Smoke Detector - Photoelectric

Sampling Tubes for SM-500/SM-501 Series



PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
849054	STS-1.0	Sampling Tube - 10 in. (For SM-500/SM-501)	1	—
849055	STS-2.5	Sampling Tube - 2.5 ft. (For SM-500/SM-501)	5	Yes
849056	STS-5.0	Sampling Tube - 5.0 ft. (For SM-500/SM-501)	5	Yes
849057	STS-10.0	Sampling Tube - 10.0 ft. (For SM-500/SM-501)	1	—

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS

MS SERIES REMOTE ACCESSORIES

The MS Series remote accessories are designed to be used with the Air Products and Controls Duct Smoke Detectors to provide audible and visual indication as well as remote test/reset functions. These devices are constructed of attractive, yet durable brushed stainless steel and mount on a standard single or double gang electrical box.



MS-RA (849058) – Alarm LED

PART NO	VENDOR PART NO	DESCRIPTION
849058	MS-RA	Remote Accessory - Alarm LED



MS-RA/P (849059) – Alarm & Pilot LEDs

PART NO	VENDOR PART NO	DESCRIPTION
849059	MS-RA/P	Remote Accessory - Alarm & Pilot LEDs



MS-RA/R (849060) – Alarm LED / Test/Reset Button

PART NO	VENDOR PART NO	DESCRIPTION
849060	MS-RA/R	Remote Accessory - Alarm LED / Test/Reset Button



MS-RA/P/R (849061) – Alarm & Pilot LEDs / Test/Reset Button

PART NO	VENDOR PART NO	DESCRIPTION
849061	MS-RA/P/R	Remote Accessory - Alarm & Pilot LEDs / Test/Reset Button



MS-RA/P/T (849062) – Fault/Trouble & Pilot LEDs

PART NO	VENDOR PART NO	DESCRIPTION
849062	MS-RA/P/T	Remote Accessory - Fault/Trouble & Pilot LEDs



MS-RA/FT/P (849063) – Fault/Trouble & Pilot LEDs / Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849063	MS-RA/FT/P	Remote Accessory - Fault/Trouble & Pilot LEDs / Test/Reset Switch



MS-KA/R (849064) – Alarm LED / Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849064	MS-KA/R	Remote Accessory - Alarm LED / Test/Reset Switch



DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS

MS SERIES REMOTE ACCESSORIES



MS-KA/P/R (849065) – Alarm & Pilot LEDs/Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849065	MS-KA/P/R	Remote Accessory - Alarm & Pilot LEDs / Test/Reset Switch



MS-KA/P/R/T (849066) – Duct Trouble Detector & Pilot LEDs/Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849066	MS-KA/P/R/T	Remote Accessory - Duct Trouble Detector & Pilot LEDs / Test/Reset Switch



MS-RH (849067) – Alarm Horn

PART NO	VENDOR PART NO	DESCRIPTION
849067	MS-RH	Remote Accessory - Alarm Horn



MS-F/T (849072) – Fault/Trouble LED

PART NO	VENDOR PART NO	DESCRIPTION
849072	MS-F/T	Remote Accessory - Fault/Trouble LED



MS-RH/P/A (849068) – Alarm & Pilot LEDs/Horn

PART NO	VENDOR PART NO	DESCRIPTION
849068	MS-RH/P/A	Remote Accessory - Alarm & Pilot LEDs / Horn



MS-RH/KA/P/R (849069) – Alarm & Pilot LEDs/Horn/Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849069	MS-RH/KA/P/R	Remote Accessory - Alarm & Pilot LEDs / Horn / Test/Reset Switch



MS-RH/KA/P/A/T (849070) – Alarm, Fault/Trouble, & Pilot LEDs/Horn/Test/Reset Switch

PART NO	VENDOR PART NO	DESCRIPTION
849070	MS-RH/KA/P/A/T	Remote Accessory - Alarm, Fault/Trouble, & Pilot LEDs / Horn / Test/Reset Switch

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS

MS SERIES REMOTE ACCESSORIES



MS-RD (849071) – Duct Smoke Detector LED

PART NO	VENDOR PART NO	DESCRIPTION
849071	MS-RD	Remote Accessory - Duct Smoke Detector LED



KEY (849157) for MS Series Accessories

PART NO	VENDOR PART NO	DESCRIPTION
849157	KEY	Alarm Horn Key (Pack of 2)

MSR-AV AUDIO/VISUAL TERMINAL SERIES

The MSR-AV series provides audible and visible private mode alarm indications in a low-profile, single-gang Decora style configuration. Choice of plate colors. Boasting code compliance with emergency signaling applications, the MSR-AV is Listed to UL 464 and UL 1638, and offers the industry's first LED strobe. The sound output level is jumper-selectable at either 53/54 dB (low) or 68/69 dB (high). The sound output format is also jumper selectable for steady or temporal (code 3). The units are shipped with the jumpers installed, pre-set to high, temporal. For use with UL Listed 24VDC polarized power circuits.



MSR-AV/T/R/C (841010) Horn/Strobe – Red w/ Clear Lens

PART NO	VENDOR PART NO	DESCRIPTION
841010	MSR-AV/T/R/C	Horn/Strobe - Red w/ Clear Lens



MSR-AV/T/W/C (841008) Horn/Strobe – White w/Clear Lens

PART NO	VENDOR PART NO	DESCRIPTION
841008	MSR-AV/T/W/C	Horn/Strobe - White w/Clear Lens



MSR-AV/T/W/O (841009) Horn/Strobe – White w/Opaque Lens

PART NO	VENDOR PART NO	DESCRIPTION
841009	MSR-AV/T/W/O	Horn/Strobe - White w/Opaque Lens



MSR-100R/R Remote Accessory Controller



The MSR-100 Series remote accessories are designed to be used with Air Products and Controls duct smoke detectors to provide the most complete functionality ever available in such a device.

- Visual indication of detector pilot, trouble and alarm functions
- Selectable audible indication of alarm, trouble or both

- Buzzer silence function, with silenced indication and “ringback” following condition correction
- Lamp/buzzer test function
- Key-operated detector test and reset functions
- Lever-operated “no-tools” terminal block
- Port for plugging in the optional strobe assembly

PART NO	VENDOR PART NO	DESCRIPTION
MSR-100R/R	MSR-100R/R	Remote Accessory - Controller - Red

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – AIR PRODUCTS AND CONTROLS



WP-2000 (849079) Weatherproof Enclosure for SL-2000 Series

PART NO	VENDOR PART NO	DESCRIPTION
849079	WP-2000	Weatherproof Enclosure (For SL-2000)



TG-2000 (849074) Test Gas for SL-2000 Series

PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
849074	TG-2000	Test Gas w/Test Port Nozzle (For SL-2000)	12	Yes

Air Products and Controls Replacement Parts/Service

PART NO	VENDOR PART NO	DESCRIPTION
849080	55000-225	Replacement Head (For SL-2000-N)
849081	55000-328	Replacement Head (For SL-2000-P)
849082	55000-250	Replacement Head (For SM-501-N)
849083	55000-350	Replacement Head (For SM-501P)
849084	STN-XT	Replacement Exhaust Tube (For SL-2000-N and SL-2000-P)
849085	STS-XT	Replacement Exhaust Tube (For SM-501)
849086	CLEAN-RECAL	Smoke Detector Head Cleaning and Recalibration Service

DUCT SMOKE DETECTORS – SYSTEM SENSOR



SYSTEM SENSOR DUCT SMOKE DETECTORS

D4120 Innovair Flex Duct Smoke Detector – Photoelectric



The Innovair Flex D4120 Duct Smoke Detectors provide superb immunity to false alarms and easy, labor saving installation options. Its flexible configurations allow an easy replacement to any model, and its 2 to 1 sensor to power board offers cost savings where both supply and return installation is required. The InnovairFlex D4120 4-wire photoelectric duct smoke detector features a pivoting housing that fits both square and rectangular footprints and mounts to round or rectangular ductwork. This unit senses smoke in the most challenging conditions. An improved cover design isolates the sensor head from the low-flow feature for simple maintenance. With its 2:1 sensor-to-power capability, the power board of the D4120 may be used to monitor a second sensor, D4S, simultaneously (i.e., supply and return side). As many as 50 InnovairFlex detectors can be interconnected. When one unit senses smoke, all interconnected detectors will switch their relays; only the detector sensing smoke will go into alarm, thus pinpointing the fire source. An easy-access Test/Reset button makes it possible to test the unit with the cover on. Three DIP switches can be used to configure field selectable settings: cover tamper delay, number of sensors to be controlled, and shut down on trouble option. Each power board has two LEDs that can be used to indicate the status of connected sensors, and a quick reference imprinted on the cover explains the LED status indications (Standby, Maintenance,

Trouble, and Alarm). The InnovairFlex duct smoke detector can be customized to meet local codes and specifications without additional wiring.

- Versatile mounting options: square or rectangular configuration
- Air velocity rating from 100 ft/min to 4,000 ft/min (0.5 m/s to 20.32 m/sec)
- Broad ranges for operating temperature (-4°F to 158°F) and humidity (0% to 95% non-condensing)
- Patented sampling tube installs from front or back of the detector with no tools required
- Plug-in sensor offers superb false alarm immunity and the latest sensor technology
- Increased wiring space with a newly added 3/4 in. conduit knockout
- One easy-access Test/Reset button and improved LED status
- Patented interconnect feature for multi-fan shutdown
- New high contrast terminal designations
- Built-in short circuit protection from operator wiring errors
- Field selectable settings for configuring the detector
- Two DPDT form “C” relay contacts
- 24VAC, 24VDC or 120VAC
- Backward compatibility with existing Innovair products, including remote accessories
- Toll-free Technical Support: 800.SENSOR2 (800.736.7672)

PART NO	DESCRIPTION
D4120	Duct Smoke Detector - Photoelectric, 4-Wire

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – SYSTEM SENSOR



D4120W Watertight Innovair Flex Duct Smoke Detector – Photoelectric



InnovairFlex duct smoke detector with NEMA Type 4 enclosure for non-hazardous locations indoor, and for outdoor rooftop installations – saving the cost of expensive separate enclosures.

PART NO	DESCRIPTION
D4120W	Duct Smoke Detector - Photoelectric NEMA4, 4-Wire

D4P120 Power Board Only



4-wire photoelectric power board component only.



PART NO	DESCRIPTION
D4P120	Power Board Only - Photoelectric, 4-Wire

D4S Sensor Only – Photoelectric



4-wire photoelectric sensor component only.



PART NO	DESCRIPTION
D4S	Sensor Only - Photoelectric, 4-Wire

2D51 Sensor Head for Special Applications



4-wire conventional photoelectric sensor head.



PART NO	DESCRIPTION
2D51	Sensor Head Only - Special Applications

Metal Sampling Tubes for Innovair Flex Series



No tools required – just snap in front or back.



PART NO	VENDOR PART NO	DESCRIPTION	CASE QTY	CASE REQ
DST1		Sampling Tube - Duct Widths up to 1 ft. (For Innovair Flex)	10	Yes
DST1.5		Sampling Tube - Duct Widths 1 to 2 ft. (For Innovair Flex)	10	Yes
DST10		Sampling Tube - Duct Widths 8 to 12 ft. (For Innovair Flex)	3	Yes
DST3		Sampling Tube - Duct Widths 2 to 4 ft. (For Innovair Flex)	10	Yes
DST5		Sampling Tube - Duct Widths 4 to 8 ft. (For Innovair Flex)	10	Yes

REMOTE TEST STATIONS

RTS151 Remote Test Station



Remote test (magnet) and reset station with status LED.



PART NO	DESCRIPTION
RTS151	Remote Test Station

RTS151KEY Remote Test Station with Key



Key remote test and reset station with status LED.



PART NO	DESCRIPTION
RTS151KEY	Remote Test Station with Key

DUCT SMOKE DETECTORS & ACCESSORIES

DUCT SMOKE DETECTORS – SYSTEM SENSOR

MULTI-SIGNALING ACCESSORIES



RTS2-AOS Multi-Signaling Accessory with Add-on-Strobe



RTS2-AOS is multi-signaling accessory designed to work with InnovairFlex 4-wire conventional duct smoke detectors. AOS stands for “Add On Strobe”. The RTS2 and AOS may be ordered separately

PART NO	DESCRIPTION
RTS2-AOS	Multi-Signaling Accessory w/Strobe



RTS2 Multi-Signaling Accessory



PART NO	DESCRIPTION
RTS2	Multi-Signaling Accessory w/o Working Strobe



AOS Add-On-Strobe



PART NO	DESCRIPTION
AOS	Add-On-Strobe – Component for RTS2



MHW Mini-Horn



The SpectrAlert® Advance MHW is the white, 12/24V mini-horn used where a smaller notification device is desired.

PART NO	DESCRIPTION
MHW	Mini-Horn - White

REMOTE ANNUNCIATORS



APA151 Remote Annunciator with Piezo and Alarm/Power LEDs



Remote annunciator with piezo alarm and status LED.

PART NO	DESCRIPTION
APA151	Remote Annunciator w/Piezo/Alarm/Power LED



RA100Z Remote Annunciator with Alarm LED



Remote annunciator with red LED alarm indication.

PART NO	DESCRIPTION
RA100Z	Remote Annunciator w/Alarm LED



CARBON MONOXIDE (CO) ALARMS



AC Powered Plug-In with Battery Backup

The Kidde AC-powered carbon monoxide alarm plugs directly into a standard wall outlet making installation quick and easy. The two AA battery backup provides protection even during power outages when many CO incidences occur. The tamper resist feature deters tampering or theft of the unit. It is a great CO alarm for property owners that are concerned with theft, or parents with small children. The unit alerts you if it has been unplugged or if it comes loose from the wall outlet. This alarm uses advanced electro-mechanical sensing technology to monitor for carbon monoxide levels in your home. This alarm has a compact that does not conceal secondary receptacle space in a standard outlet. Provides a loud warning signal against the dangers of elevated CO levels. This alarm is easily installed in AC wall outlets. The green LED shows that AC power is present and the alarm is working properly. The red LED will illuminate when the alarm detects carbon monoxide.

- Tamper resist feature - Unit goes into constant alarm mode if it has been unplugged or has come loose from the outlet
- AAA battery backup - Provides continuous protection even during power outages.
- Low battery hush® - Silences low battery chirp warning for up to twelve hours in order to maintain protection without having to replace the battery at an inconvenient time
- Easy installation - Mounts to any wall outlet
- Battery pull tab - Eliminates battery installation time and keeps battery fresh
- Loud 85dB alarm - Alerts of deadly CO gas
- Test/Reset button - Tests the alarm electronics and resets the unit during alarm
- Green LED - Indicates alarm is receiving power and operating properly
- Red LED - Illuminates when in alarm mode
- UL listed
- 10-year limited warranty.

PART NO	DESCRIPTION	CASE QTY	CASE REQ
21025759	Carbon Monoxide Alarm - AC Powered (Battery Backup) - PDQ Pack	2	Yes
21025761	Carbon Monoxide Alarm - AC Powered (Battery Backup) - Bulk Pack	6	Yes



Battery Operated

The Kidde battery operated carbon monoxide alarm utilizes sophisticated electronic components to protect from the dangers of carbon monoxide. This alarm includes a slide-out battery door that gives immediate access to the batteries and a safety feature that makes it difficult to close the door without the batteries being installed. Inside cover of battery door features quick reference guide for what to do in case of an alarm. This easy-to-install alarm is suitable for all living areas. UL Listed with a 10-year limited warranty. Provides a loud warning signal against the dangers of elevated CO levels. The battery-operated CO alarm provides continuous monitoring of CO levels, even during power outages when AC-only units are not providing protection.

- Battery operated (two AA's included) - Provides protection during power outage
- Battery lockout system - Deters covering battery compartment without installation of batteries.
- Slide-out battery door cover; gives immediate access to batteries
- Test/Reset button - Tests the unit for proper operation; Resets the CO alarm
- Low battery signal - Alerts user when the battery needs to be replaced
- Green LED - Indicates alarm is receiving power and operating properly
- Red LED - Illuminates when in alarm mode

PART NO	DESCRIPTION	CASE QTY	CASE REQ
21025788	Carbon Monoxide Alarm - Battery Operated - Bulk Pack	6	Yes

