

Heating Season Stocking Guide 2025



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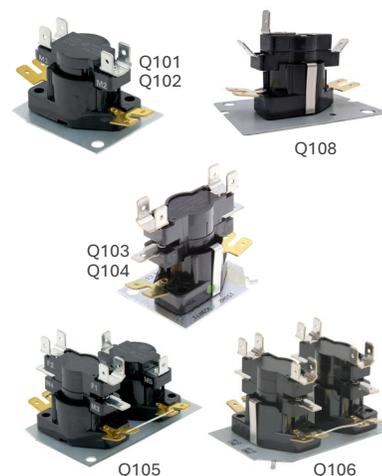
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Heat Sequencers

Heat Sequencers prevent tripping the circuit breaker by not allowing all the heating elements to turn on at the same time. Voltage enters the sequencer and engages the first heating element. When the element becomes hot enough, a circuit in the sequencer opens, engaging the next element. Sequencers can also be used with the fan to ensure it only starts once the heat has reached sufficient temperature, preventing the blowing of cold air.

Item #	Cross Reference	Type	# of Timings	# of Switches	Timings On (seconds)				Timings Off (seconds)			
					M1	M3	M5	M7	M1	M3	M5	M7
Q101	24A34-1	SPST	1	1	1-20	—	—	—	40-110	—	—	—
Q102	24A34-2	SPST	1	1	—	—	30-90	—	—	—	1-30	—
Q103	24A34-3	DPDT	1	2	1-20	1-20	—	—	40-110	40-110	—	—
Q104	24A34-4	DPDT	1	2	—	—	30-90	30-90	—	—	1-30	1-30
Q105	24A34-5	DPDT-SPST	2	3	1-110	1-110	1-110	—	1-110	1-110	1-110	—
Q106	24A34-6	(2) DPDT	2	4	1-110	1-110	1-110	1-110	1-110	1-110	1-110	1-110
Q108	60000C0-27	SPDT	1	1	1-25	—	—	—	65-115	—	—	—



Ignitors & Flame Sensors

Ignitors

Item #	Brand	Type	Shape	Voltage	Application
SSN2000	Supco	Silicone Nitride	Round	120v	Universal - w/ 2 mounting brackets
Q3200U1004	Honeywell	Silicone Nitride	Round	120v	Universal - w/ 6 mounting brackets
IG4000	Supco	Silicone Carbide	Flat	120v	Universal - w/ 5 mounting brackets
IGN00152	Trane	Silicone Nitride	Flat	120v	Multiple OEM applications w/ Molex Plug
IGN00145	Trane	Silicone Nitride	Flat	80v	Multiple OEM applications w/ Molex Plug
KIT03033USA	Trane	Silicone Carbide	Flat	120v	Multiple Commercial OEM applications



A **Hot Surface Ignitor** (direct ignition) is a more efficient and modern alternative to a pilot light. It only uses electricity when needed to ignite the gas, where a pilot light burns gas continuously.

Flame Sensors

Item #	Style	Probe Length	Connection	Replaces
FLS010	Straight Rod	2.5"	1/4" Quick Connect	Goodman® 0130F00010
FLS013	Straight Rod	2.5"	Plug Adapter	Carrier® LH33WZ514
FLS014	45° Offset	2.5"	Plug Adapter	Carrier® LH680534
FLS201	90° Offset	2"	1/4" Quick Connect	Goodman® 10735201
FLS301	90° Offset	2.5"	1/4" Quick Connect	Rheem® 62-23543-01
FLS401	Straight Rod w/ 30" Lead	3"	1/4" Quick Connect	Universal
FLS52W29	Straight Rod	2.75"	1/4" Quick Connect	Lennox® 52W29
FLS51M14	90° Offset w/ Bracket	2.5"	1/4" Quick Connect	Lennox® 51M14
SEN01114	75° Offset	3"	1/4" Quick Connect	Trane OEM Component



If a flame is present, the **Flame Sensor** signals the control board, allowing the gas valve to remain open. If no flame is detected, it shuts off the furnace to prevent gas leaks.

Fuse Links & Heater Re-String Kits

Fusible Links are a one-time use heat-sensitive safety device. It is designed to automatically open (break) the circuit when temperatures reach a dangerous level, helping prevent system damage and/or fire hazards.

Item #	Fusible Temp	Style	Pack Qty.
HFL-4257	257° F	In-Line	4 pk.
HFL-4300	300° F	In-Line	4 pk.
HFL-4333	333° F	In-Line	4 pk.



Item #	Fusible Temp	Style	Pack Qty.
HFL-5257	257° F	Straight (Teardrop)	2 pk.
HFL-5258	257° F	Right Angle (Round)	2 pk.
HFL-5300	300° F	Straight (Teardrop)	2 pk.
HFL-5301	300° F	Right Angle (Round)	2 pk.
HFL-5333	333° F	Straight (Teardrop)	2 pk.

Heater Restring Kits are used to repair a damaged heating element in an electric heater. They replace an the old, burnt-out heating wire with a new one, essentially "restringing" the element, instead of having to replace the entire heating assembly.



Item #	Coil Diameter	Watts @ 240v	Watts @ 208v	Watts @ 480v	Min Inches	Max Inches	Connection
KIT24501	3/8"	5000	3750	-	40"	130"	Bolt
KIT24500625	5/8"	5000	3750	-	25"	70"	Bolt
KIT48500	3/8"	-	-	5000	62"	176"	Bolt
KIT48500625	5/8"	-	-	5000	20"	66"	Bolt

Temperature Switches

Manual Roll-Out Switches



Item #	Open °F	Voltage	Disc Size	Close
SRL130	130° F	120/240	1/2"	Manual Reset Button
SRL135	135° F	120/240	1/2"	Manual Reset Button
SRL220	220° F	120/240	1/2"	Manual Reset Button
SRL230	230° F	120/240	1/2"	Manual Reset Button

Item #	Open °F	Voltage	Disc Size	Close
SRL240	240° F	120/240	1/2"	Manual Reset Button
SRL250	250° F	120/240	1/2"	Manual Reset Button
SRL260	260° F	120/240	1/2"	Manual Reset Button
SRL300	300° F	120/240	1/2"	Manual Reset Button
SRL350	350° F	120/240	1/2"	Manual Reset Button

Manual Roll-Out Switches have a bi-metal disc that senses the temperature and quickly separates the contacts. The roll-out switch activates (opens on temperature rise) when the furnace heats to a predetermined high temperature limit. Once the flame roll-out switch has been tripped, the furnace will turn off and remain off until the SRL switch reset button is pressed.

Adjustable Bi-Metal Limit Switches



Item #	Application	Reset	Action	Open / Close Temperature	Voltage	Disc Size
AT012	Temp Limit	Automatic	Open on Rise	135° to 175° F	120v / 240v	3/4"
AT013	Temp Limit	Automatic	Open on Rise	175° to 215° F	120v / 240v	3/4"
AT014	Temp Limit	Automatic	Open on Rise	210° to 250° F	120v / 240v	3/4"
AT015	Temp Limit	Automatic	Open on Rise	250° to 290° F	120v / 240v	3/4"
AT021	Fan Control	Automatic	Close on Rise	90° to 130° F	120v / 240v	3/4"
AT022	Fan Control	Automatic	Close on Rise	140° to 180° F	120v / 240v	3/4"

The AT series temperature controls feature adjustable fan or limit operation in a versatile 3/4" bimetal disc design. Typical applications include fan controls for heating products, and the ability to adjust calibrations makes it versatile for replacement applications.

Plenum Limit Thermostats



Item #	Open °F	Close °F
SWT01274	125°	90°
SWT01275	135°	105°
SWT01276	140°	110°
SWT01277	145°	115°

Item #	Open °F	Close °F
SWT01280	155°	125°
SWT01258	170°	140°
SWT01271	180°	150°
SWT01259	190°	160°

Item #	Open °F	Close °F
SWT01260	200°	170°
SWT01263	210°	180°
SWT01273	220°	190°
SWT01260	260°	230°

Plenum limit controls mount through the wall of a duct or furnace plenum, and turn the fan off when the trigger temperature is reached. They feature a large solid base to withstand high airflow.

Gas Valves

Honeywell Universal Gas Valves



Item #	Opening Type	System Type	HIS & DSI	Pilot	Factory Set W.C.	Adjustable Range W.C.	Inlet / Outlet Size	LP Conversion Kit Included
VR8215S1503	Standard	Single Stage	Yes	No	3.5" WC	3.0" - 5.0"	1/2" x 1/2"	Yes
VR8215T1502	Slow	Single Stage	Yes	No	3.5" WC	3.0" - 5.0"	1/2" x 1/2"	Yes
VR8345M4302	Standard	Single Stage	Yes	Yes	3.5" WC	3.0" - 5.0"	3/4" x 3/4" + 1/2" x 1/2" reducers	Yes

White Rodgers OEM Gas Valves



Item #	Model #	Opening Type	System Type	HIS & DSI	Pilot	Vent Fitting	Factory Set W.C.	Adjustable Range W.C.	Inlet / Outlet Size
VAL09028	36J22-209	Fast	Single Stage	Yes	No	90° Elbow for 1/4" Hose			
VAL09033	36J22-223	Fast	Single Stage	Yes	No	5/16" Plugged	3.3" WC	2.5" - 5.0"	1/2" x 1/2"
VAL09029	36J24-205	Slow	Single Stage	Yes	No	5/16" Plugged			
VAL09030	36J54-201	Fast	Two Stage	Yes	No	5/16" Plugged			
VAL09031	36J54-202	Fast	Two Stage	Yes	No	90° Elbow for 1/4" Hose	3.2" H / 1.4" L	2.5" - 5.0" H 1.0" - 4.0" L	1/2" x 1/2"
VAL09034	36J54-209	Fast	Two Stage	Yes	No	5/16" Plugged	3.3" H / 1.8" L		

Furnace Boards

OEM Furnace Boards



Item #	Fits	Replaces
ICM282B	Carrier	<u>Carrier</u> : CEBD431012-01A, CEPL131012-01, HK42FZ004, HK42FZ007, HK42FZ008, HK42FZ009, HK42FZ011, HK42FZ013, HK42FZ016, HK42FZ034 and 325878-751
ICM2811	Goodman	<u>Goodman</u> : PCBBF110, PCBBF123, 0130F00005, PCBBF112, B18099-26 <u>White-Rodgers</u> : 50A55-743, 50A55-289, 50T55-289
ICM2813	Lennox	<u>Lennox</u> : 10M9301, 12L6901, 32M8801, 56L8401, 24L8501, 63K8901, 97L4801, 100925-01, 100925-03, 17W9201, 23W5101, 30W2501, 69M0801, 69M1501, 83M00 <u>White-Rodgers</u> : 50A65-120, 50A65-121, 50A62-120, 50A62-121, 50A62-820, 21D83M-843, 50A66-122, 50A66-123

ICM Universal Furnace Control

The **ICM2812-KIT** is a universal board only replacement for White-Rodgers 50M56U-843 and more than 200 competitive part numbers.



Part #	HSI Ignitor	Gas Valve	Inducer Draft Motor	Blower Motor
ICM2812-KIT	6a @ 120v	1.5a @ 24v	2.2FLA @ 120v	9.5FLA @ 120v

White-Rodgers Universal Furnace Controls

The White-Rodgers Hot Surface Ignition Universal Integrated Furnace Controls replaces over 700 OEM and competitive model numbers.



- LED indicators for installation and system troubleshooting
- Select models include a universal 120V nitride ignitor to allow replacement of 80V and 120V controls

Part #	Mfg. #	Replaces	Stages	Ignitor Voltage	Inducer Motor / Blower Motor	Blower Motor Speed Taps	Thermostat Inputs	Wiring Included?	Mounting
50M56X-843	50M56X-843	Carrier, Goodman, Lennox, Nordyne, Rheem, Trane, York	Single Stage	120 V*	PSC / PSC, ECMx	PSC: 2 / 3 speed ECMx: 2, 3, 4, 5, & 9 speeds	R, C, W, G, Y1, Y/Y2, DHUM	No	Flush Mount
CNT03740	50A55-843	Carrier, Goodman, Lennox, Trane, York	Single Stage	120 V	PSC / PSC	Heat, Cool	R, C, W, Y G	Yes	Flush Mount
CNT06412	21V51U-843	Goodman, Lennox, Trane, York	Two Stage	120 V*	PSC / Var. Speed	16-pin Interface	R, B/C, W1, W2, YLo, Y, G, O, DHUM	Yes	Standoff

* On 80 VAC applications use supplied 21D64-2 Universal Ignitor