



R24 SERIES HEAT SEQUENCERS

Reduce callbacks with reliable Resideo Heat Sequencers.

Few customer callbacks are more annoying than, "There's cold air blowing out of my furnace." Resideo R24 Series Heat Sequencers eliminate those nuisance callbacks by controlling the operation of the electric strip heat and/or blower fan in heat pumps and electric furnaces. Not only does the R24 Series Heat Sequencer prevent the electrical system from being overloaded, it also eliminates the burst of cold air that comes before the unit starts producing warm air. They also prevent your truck from being overloaded by replacing more than 40 competitive models. For reliable service plus reduced inventory, choose Resideo R24 Series Heat Sequencers.

R24 Series Heat Sequencers

THE SMART, DEPENDABLE CHOICE

You don't need to stock dozens of heat sequencers. Cover nearly all applications with the Resideo R24 Series. They replace more than 40 competitive models and work perfectly in units made by major HVAC manufacturers. Resideo R24 Series Heat Sequencers are built with the famous Resideo reliability for long service life.

EASY INSTALLATION

Resideo R24 Series Heat Sequencers are solid-state positive temperature coefficient (PTC) heaters that mount in any position. Quick-connect terminals speed up installation. In addition to the fact that the R24 Series Heat Sequencers replace a wide range of models, installation is also simplified because you don't have to spend time looking for an exact model replacement. Resideo R24 Series Heat Sequencers have you covered.



APPLICATIONS

Sequencing of heater banks in:

- Electric furnaces
- Baseboard heaters
- Duct heaters
- Suspension heaters
- Recreational vehicle blower and element control
- Heat pump blower and heating element control
- Motor speed switching in air conditioning (high speed)/heating systems (low speed) where a single set of contacts handle combination motor and heater element loading in the heating function
- Control circuits requiring definite sequence of operation on both start up and shut down

KEY FEATURES

- Solid-state PTC Heaters
- Quick-connect terminals
- Shock and vibration resistant
- Mounts in any position
- Contact ratings – to 25 Amps at 120 or 240 Volts, and 12.5 Amps at 480 Volts
- Full-load rating auxiliary contacts
- Standard operating ambience between - 40° F (-40.0° C) and 165° F (73.8° C)
- UL approved; CSA/CUR approval pending

ELECTRIC HEAT SEQUENCERS

PRODUCT #	SWITCHES	TIMINGS	TIMINGS – ON					TIMINGS – OFF					
			M1-M2	M3-M4	M5-M6	M7-M8	M9-M10	M1-M2	M1-M2	M5-M6	M7-M8	M9-M10	
R24AA1008	1	1	1-20						40-110				
R24AA3004	1	1			30-90						1-30		
R24BA1006	2	1	1-20	1-20					40-110	40-110			
R24BA3002	2	1			30-90	30-90					1-30	1-30	
R24CB4007	3	2	1-110	1-110	1-110				1-110	1-110	1-110		
R24DB4005	4	2	1-110	1-110	1-110	1-110			1-110	1-110	1-110	1-110	
R24ED5007	5	4	1-160	1-160	1-160	1-160	1-160		1-160	1-160	1-160	1-160	1-160
Canada R24AA3421	1	1	1-20						1-50				
Canada R24AA3422	1	1	15-45						1-30				
Canada R24AA3423	1	1	25-55						15-45				
Canada R24AA3424	1	1	30-75						1-40				
Canada R24AA3425	1	1	40-90						1-30				
Canada R24BB3426			1-20	3-90					40-90	1-30			
Canada R24BB3427			1-160	1-160					1-160	1-160			
Canada R24AA3429			15-35						25-55				
Canada R24BB3436			1-20	30-45					45-110	1-30			
Canada R24AA3437			1-110						1-110				

Temperature: -50° F to 165° F;
 Terminations: Solder or screw type 1/4" quick connect;
 Ratings: Estimate – 25 A resistive and 14 A inductive at 120 Vac;
 SPST: Single Pole Single Throw;
 DPST: Double Pole Single Throw;
 SPDT: Single Pole Double Throw;
 DPDT: Double Pole Double Throw;
 Agency: UL/CSA;

Table Notes:

- * M1-M2 and M3-M4 are always first switches to turn ON and last to turn OFF. All other switches are random ON and random OFF.
- * R24ED5007 Switch contacts designated F1-F2 instead of M1-M2.
- * R24BB3428 is Double Pole Double Throw model.
- * R24AA2006 is a Single Pole Double Throw model for Heat Pump Applications.
- * These contacts switch simultaneously:
 ON Time: Elapsed time (min. to max.) to make contact after heater is energized.
 OFF Time: Elapsed time (min. to max.) to break contact after heater is de energized.



Resideo Technologies, Inc.
 1985 Douglas Drive North
 Golden Valley, MN 55422
 1-800-468-1502
 resideo.com

For more information
resideo.com/pro