

275 SERIES

Electric Thermostats for Residential Gas Ranges/Ovens

Robertshaw®



275-3425-00



275-3509-00

Features and Benefits

- Compact design for tight spaces
- Patented push-to-turn function
- Positive appliance shutoff
- Long operating life

Description

Designed for reliable temperature control and long operating life, UL- and CSA-approved Robertshaw® 275 Series electric thermostats work in combination with ignition systems in conventional residential gas ranges and ovens. Their compact design enables use even in limited space configurations.

A patented push-to-turn switch function activates the range valve or closes the switch contacts. Once the durable silicon carbide bar heats up to the correct temperature, the thermostat opens the gas valve and ignites the gas supply. The thermostats increase the temperature with a counterclockwise shaft rotation. A detent on the frame ensures a positive appliance shutoff.

Applications

- Residential gas ranges/ovens

Specifications

Part Number	Description	Maximum Temperature (°F)	Electrical Specifications	Capillary Length (in.)
275-2789-00	Safety Thermostat	120	30 Amps @125/250V AC	12
275-3100-04	Range/Oven Thermostat	650	5 Amps @ 120V AC	30
275-3140-13	Range/Oven Thermostat	625	25 Amps @ 125/250V AC	26
275-3147-00	Range/Oven Thermostat	207	22 Amps @ 120/240V AC	24
275-3180-00	Range/Oven Thermostat	625	25 Amps @ 125/250V AC	28
275-3209-00	Range/Oven Thermostat	625	25 Amps @ 125/250V AC	36
275-3325-00	Range/Oven Thermostat	1000	5 Amps @125/250V AC	55
275-3326-00	Range/Oven Thermostat	575	10 Amps @ 125/250V AC	55
275-3334-01	Range/Oven Thermostat	570	15 Amps @240/250V AC	36
275-3359-00	Range/Oven Thermostat	580	15 Amps @125/250V AC	72
275-3375-00	Range/Oven Thermostat	625	25 Amps @125/250V AC	36
275-3425-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	30
275-3426-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	40
275-3437-00	Range/Oven Thermostat	580	15 Amps @125/250V AC	72

**1 Year
Limited
Warranty**

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Specifications - continued

Part Number	Description	Maximum Temperature (°F)	Electrical Specifications	Capillary Length (in.)
275-3450-00	Range/Oven Thermostat	650	25 Amps @125/250V AC	21
275-3451-00	Range/Oven Thermostat	625	25 Amps @125/250V AC	36
275-3452-00	Range/Oven Thermostat	580	15 Amps @125/250V AC	42
275-3458-00	Range/Oven Thermostat	650	25 Amps @125/250V AC	36
275-3471-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	36
275-3473-00	Range/Oven Thermostat	570	15 Amps @120/240V AC	36
275-3480-00	Range/Oven Thermostat	625	20 Amps @125/250V AC	62
275-3482-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	36
275-3485-00	Range/Oven Thermostat	625	22 Amps @ 125/250V AC	36
275-3492-00	Range/Oven Thermostat	625	22 Amps @125/250V AC	36
275-3493-00	Range/Oven Thermostat	625	22 Amps @125/250V AC	36
275-3494-00	Range/Oven Thermostat	625	25 Amps @125/250V AC	50
275-3495-000	Range/Oven Thermostat	250	25 Amps @125/250V AC	26
275-3509-00	Range/Oven Thermostat	625	22 Amps @125/250V AC	36
275-5014-00	Range/Oven Thermostat	580	15 Amps @ 125/250V AC	42
275-5026-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	26
275-5032-00	Range/Oven Thermostat	650	5 Amps @ 120V AC	36
275-5041-00	Auto Reset Thermostat	675	10 Amps @ 125/250V AC	36

Replacement Information

275-2789-00	Vulcan N15/3104	275-3452-00	Whirlpool® 74009379
275-3100-04	Frigidaire® 316032404	275-3458-00	Electrolux® 316215900
275-3140-13	GE WB20K5027	275-3471-00	Brown® Stove Works 180-2A305
275-3147-00	InterMetro C13-113	275-3473-00	Whirlpool® 9762852
275-3180-00	GE WB21X5287	275-3480-00	Mabe 183D9173P001
275-3209-00	GE WB20K5031/THS027	275-3482-00	Peerless 1198
275-3325-00	Viking PJ030003	275-3485-00	Peerless 2169
275-3326-00	Viking PJ030002	275-3492-00	Brown® Stove Works 184-2A057
275-3334-01	Whirlpool® 3196803	275-3493-00	Brown® Stove Works 184-2A059
275-3359-00	GE WB20T10001	275-3494-00	GE WB20T10022
275-3375-00	Whirlpool® 74003267	275-3495-000	Nemco® 47656
275-3425-00	Electrolux® 316032411	275-3509-00	Electrolux® 5304457303
275-3426-00	Electrolux® 318059206	275-5014-00	Whirlpool® 74005019
275-3437-00	GE WB20T10003	275-5026-00	Whirlpool® W10565875
275-3450-00	Electrolux® 316215901	275-5032-00	Whirlpool® W10636339
275-3451-00	Whirlpool® W10179656/74009277	275-5041-00	Dacor 108479

