

Oil Primaries

R7284B, U Interrupted Electronic Oil Primary



The R7284B, U Electronic Oil Primary is a line voltage, safety rated, interrupted and intermittent ignition oil primary control for residential oil fired burners used in boilers, forced air furnaces and water heaters. The R7284B, U used with a cad cell flame sensor operates an oil burner, spark igniter, and optional oil valve. The control works with a low voltage and optional high voltage thermostat. The primary controls fuel oil, senses flame, controls ignition spark (either interrupted or intermittent) and notifies through the EnviraCOM™ bus a remote alarm circuit when in lockout.

The R7284 Series of Oil Primary Controls can be used with both hydronic and forced air systems. When used with hydronic systems, line voltage switching Aquastat® Controllers normally provide for the starting and stopping of the combustion sequences. With forced air systems, both mechanical and electronic low voltage thermostats control the starting and stopping of the combustion process.

Approximate, Dimensions: 4 5/32 in. long x 4 11/32 in. wide x 2 1/2 in. high (105.4 mm long x 110.5 mm wide x 63.5 mm high)

Temperature Range: -40°F to +147°F (-40°C to +64°C)

Approvals, Underwriters Laboratories Inc.: UL and cUL Component Recognized

Mounting: Junction box on main burner

Electrical Connections: Burner motor, oil valve, ignition, cad cell, limit, thermostat, alarm

Electrical Rating, Contacts (full load): 7.4 A @ 120 Vac; 3.7 A @ 240 Vac

Electrical Rating, Contacts (locked rotor): 44.4 A @ 120 Vac; 22.2 A @ 240 Vac

Material Number	Ignition Type	Timing, Safety Switch	Display	Description
R7284B1024/U	Interrupted	15 sec.	Using LED only	Electronic Oil Primary with 15 seconds lock out timing
R7284U1004/U	Interrupted and Intermittent	Settable 15, 30 or 45 sec.	2 Line LCD display	Electronic Oil Primary with selectable 15, 30 or 45 second lock out timing, selectable valve and blower delays, and two line LCD display