

## **MODEL EEDU**

### **ENERGY EFFICIENT, POWER-VENTED INDOOR DUCT FURNACES**

Provide 80% thermal-efficient, indoor, gas-fired duct heaters as manufactured as Reznor<sup>®</sup> heating equipment. They shall be designed for a fuel use improvement of 25% through the use of a factory-installed power-venter, sealed vent product collection chamber, and an intermittent spark-ignited pilot as standard equipment.

Each EEDU Series unit shall be equipped for use with (natural) (propane) gas and (120/1) (208/1) (230/1) volt power supply. The heat exchanger shall be the Reznor Thermocore<sup>®</sup> design of (aluminized) (E-3 [409] stainless) steel. Die-formed burners shall be of (aluminized) (E-3 [409] stainless) steel and include flared ports (burner air shutters) and a stainless steel insert.

These units are to include a 24-volt control transformer, a (single-stage) (two-stage) (two-stage with unit-mounted ductstat) (two-stage with ductstat with remote temperature selector) (electronic modulation with ductstat) (electronic modulation with ductstat and remote set-point adjustment) gas control system with a regulated combination redundant gas valve, and an intermittent spark pilot with electronic flame supervision (and timed lockout). The unit is to include all limit and safety controls, including a combustion air pressure switch to verify proper vent flow before allowing operation of the gas valve.

All units must bear a C.S.A. label. The manufacturer of this equipment must have at least forty (40) years experience with gas-fired duct furnaces.

## **MODEL SC**

### **SEPARATED COMBUSTION, INDOOR DUCT FURNACES**

Provide 80% thermal-efficient, separated combustion, gas-fired duct furnaces as manufactured as Reznor<sup>®</sup> heating equipment. They are to be designed for a fuel use improvement of 25% and engineered for use in building areas with negative pressure and/or extremely dirty or mildly corrosive atmospheres. The use of a factory-installed power venter to draw combustion air from outside is to prevent dirt, lint, dust, or other contaminants present in the heated space from entering the unit. The combustion air supply pipe and flue exhaust pipe shall be run in parallel to a factory-supplied (horizontal) (vertical) vent terminal assembly. The vent terminal/combustion air inlet assembly shall be arranged to allow a single wall or roof penetration.

Each SC Series unit shall be equipped for use with (natural) (propane) gas and (120/1) (208/1) (480/1) volt power supply. The heat exchanger shall be the Reznor Thermocore<sup>®</sup> design of (aluminized) (E-3 [409] stainless) steel and include flared ports (burner air shutters) and a stainless steel insert.

The SC Series shall be provided with 24-volt control transformer, a(n) (single-stage) (two-stage with unit-mounted ductstat) (two-stage with ductstat with remote temperature selector) (electronic modulation - 50%-100% firing rate with ductstat) (electronic modulation - 50%-100% firing rate with ductstat and remote set-point adjustment) (electronic modulation - 50%-100% firing rate, with conditioner for connection to field-supplied computer) (electronic modulation - 20/28%-100% firing rate) (electronic modulation - 20/28%-100% firing rate with conditioner for connection to field-supplied computer) gas control system with a regulated combination redundant gas valve and an intermittent spark pilot with electronic flame supervision (and timed lockout). The SC is to include all limit and safety controls, including a combustion air pressure differential switch to verify proper vent flow before allowing operation of the gas valve.

All gas-fired unit heaters must bear a C.S.A. label. The manufacturer must have a minimum of forty (40) years experience with separated combustion heating.

## **MODEL X**

### **INDOOR, GRAVITY-VENTED DUCT FURNACES**

Provide 80% thermal-efficient, gas-fired, indoor, gravity-vented duct furnaces as Reznor<sup>®</sup> heating equipment. Model X Series shall be equipped for use with (natural) (propane) gas and (120/1) 208/1) (460/1) voltage/phase power supply. The heat exchanger shall be the Reznor Thermocore<sup>®</sup> design of (aluminized) (E-3 [409] stainless) steel with (aluminized) (E-3 [409] stainless) steel drip pan. Die-formed burners shall be constructed of (aluminized) (E-3 [409] stainless) steel and include flared ports (burner air shutters) and a stainless steel insert.

The unit is to include a 24-volt control transformer, a(n) (single-stage) (two-stage) (two-stage with unit-mounted ductstat) (two-stage with ductstat with remote temperature selector) (electronic modulation) (electronic modulation with ductstat) (electronic modulation with ductstat and remote set-point) gas control system with a regulated combustion redundant gas valve and a (intermittent spark pilot with electronic flame supervision) (intermittent spark pilot with electronic flame supervision and timed lockout). The unit is to include all required limit and safety controls, including a blocked vent shut-off system.

All units must bear a C.S.A. label. The manufacturer of this equipment must have at least forty (40) years experience with gas-fired duct furnaces.

**MODEL RP  
OUTDOOR, POWER-VENTED DUCT FURNACES**

Provide 80% thermal-efficient, gas-fired, outdoor, power-vented duct furnaces as manufactured as Reznor® heating equipment. Model RP Series unit shall be equipped for use with (natural) (propane) gas and (120/1) (208/1) (230/1) (460/1) voltage/phase power supply. The heat exchanger shall be the Reznor Thermocore® design of (aluminized) (E-3 [409] stainless) steel with (aluminized) (E-3 [409] stainless) steel drip pan. Die-formed burners shall be constructed of (aluminized) (E-3 [409] stainless) steel and include flared ports (burner air shutters) and a stainless steel insert. The units must be equipped for outdoor application with a weatherproof cabinet and are to be provided with a factory-installed power venter with side-mounted flue discharge.

The unit is to include a 24-volt control transformer, a(n) (single-stage) (two-stage) (two-stage with unit-mounted ductstat) (two-stage with ductstat with remote temperature selector) (electronic modulation) (electronic modulation - 50%-100% firing rate with ductstat) (electronic modulation - 50%-100% firing rate with ductstat and remote set-point adjustment) (electronic modulation - 50%-100% firing rate, with conditioner for connection to field-supplied computer) (electronic modulation - 20/28%-100% firing rate) (electronic modulation - 20/28%-100% firing rate with conditioner for connection to field-supplied computer) gas control system with a regulated combustion redundant gas valve and an intermittent spark pilot with electronic flame supervision (and timed lockout). The unit is to include all required limit and safety controls.

All units must bear a C.S.A. label. The manufacturer of this equipment must have at least forty (40) years experience with gas-fired duct furnaces.

**MODEL HRPD  
OUTDOOR, POWER-VENTED, DUAL DUCT FURNACES IN SERIES  
ON RAILS**

Provide 80% thermal-efficient, gas-fired, outdoor, power-vented dual duct furnaces as manufactured as Reznor® heating equipment. Model HRPD Series unit shall be equipped for use with (natural) (propane) gas and (120/1) (208/1) (230/1) (460/1) voltage/phase power supply. The heat exchanger shall be the Reznor Thermocore® design of (aluminized) (E-3 [409] stainless) steel with (aluminized) (409 stainless) steel drip pan. Die-formed burners shall be constructed of (aluminized) (409 stainless) steel and include flared ports (burner air shutters) and a stainless steel insert. The unit must be equipped for outdoor application with a weatherproof cabinet and each furnace must be provided with a factory-installed power venter with side-mounted flue discharge.

The unit is to include a 24-volt control transformer. Unit is to be arranged for (**recirculation heating** with a(n) [single-stage] [two-stage] [electronic modulation] [electronic - modulation 50%-100% tandem operation from room thermostat – shipped separately] gas controls) (**makeup air operation** with a(n) [two-stage with each unit with single-stage gas valve and the other with a two stage mounted ductstat – 50% to 100%] [four-stage with 2-stage gas valves controlled from 2-stage ductstats with either unit-mounted controls or remote electronic controls with or without display module] [4:1 turndown electronic modulation, (25% of full output) with duct probe (55-90°F) with unit setpoint, with remote adjustment, or with signal conditioner for customer-provided computer control] [8:1 turndown electronic modulation (12% of full fire output) {20-100% firing rate on first furnace controlled from ductstat with remote adjustment and 2-stage with outside air thermostat on second furnace} {8:1 turndown capability with signal conditioner for customer-provided computer control}] gas controls) The unit is to include all required limit and safety controls.

All units must bear a C.S.A. label. The manufacturer of this equipment must have at least forty (40) years experience with gas-fired duct furnaces.