



Order # 987948 - Regina Alternate

Fan #1 CAH 20 (1840 lbs.)

Horizontal Industrial Heater with a 36" burner and a 20" blower.

Supply Motor:

Model 01018OP3E215T, 10 HP, 3 Phs, 208 V, 27.9 FLA, ODP (Open Drip Proof)

Supply Motor Pulleys:

Part Type	Qty	Browning #	Turns Out
Belt	2	BX64	
Blower Pulley	1	2BK130H	
Motor Pulley	1	2VP60 x 1-3/8	3

Burner:

Min Output BTU: 57,000 BTU/Hr
 Max Output BTU: 1,710,000 BTU/Hr
 Size: 36" long
 Gas Type: Natural

Supply Performance:

Volume: 14000 cfm RPM: 737 TS: 3859 ft/min

Max. Recommended RPM: 1000

SP: 0.8" w.g.
 (0.400" Ext. + 0.1085" Int. + 0.292" Opt.)

BHP: 9.335

Altitude: 0' Winter Temp: -20°F

Output 1693440 BTU: Temp Rise: 120°F

Input 1840696 BTU:

Installation Information:

Gas Inlet Pressure: 14 in. w.c. - 1 lb.

Insurance: No Insurance Requirement (ANSI)

Min Circuit Ampacity: 37.18 amps

Unit Voltage: 3 phs 208 V

Blower:

20"-18" centrifugal, forward curved blower. Full frame, pillow block bearings, 5000-15000 CFM, 15 MAX BHP, 1-7/16 x 36" Shaft, 1325 MAX RPM, used in Size 20 Industrial Horizontal/Vertical Heaters.

Temp Control:

Maxitrol "M" Series Programmable Control • High Temp

Intake:

Intake Hood Outdoor - 56.25" Width X 69.50" Length X 40.75" Awning With 2" EZ Filter Max CFM = 16000

Filters:

3x MV EZ Kleen Metal Mesh Filter. 16"x 25"x 2" Used for heater and supply fan intakes. (3410)
 6x MV EZ Kleen Metal Mesh Filter. 20"x 25"x 2" Used for heater and supply fan intakes. (3416)

Selected Options:

- Gas Pressure Gauge, 0-35", 2.5" Diameter, 1/4" Thread Size
- Gas Pressure Gauge, -5 to +15 Inches Wc., 2.5" Diameter, 1/4" Thread Size
- Size 2 Horizontal Heater VAV Profile and Wiring Package w/ Constant Speed Control
- Supply Variable Frequency Drive, ABB, 10 HP, 208-240 V, NEMA 1 enclosure, (Shipped Loose for Field Installation)
- External Top Discharge Damper for size 2 Horizontal industrial units with 20" blowers. Includes actuator.