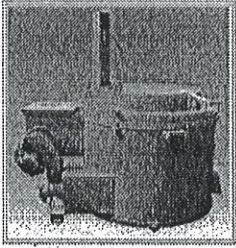
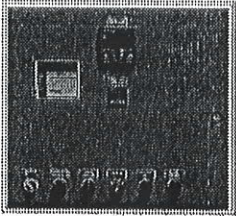


Aluminum Melting Crucible Furnace — Gas Fired Units



Features:

- FM approved Main gas valve
- Pneumatic crucible cover
- 4 Part insulated refractory lining
- Quiet operation (70 dba or less)
- Control panel with Digital temperature control
- FM approved flame safety device
- Spark ignited and piloted
- Fully automatic
- Operates on 115/230 Volt 1 ph. or 230/460 Volt 3 ph.



Specifications:

- Voltage - 115/230 Volt 1 ph. or 230/460 Volt 3 ph
- Fuel Types - Natural Gas or Propane
- Inlet Pressure - 6" or 8" Water Column
- Inlet Pipe Size - 1 1/2" N.P.T.
- Melt Rate (Cold Start) - 1/3 Capacity/hour
- Melt Rate (50% Heel) - 1/2 Capacity/hour
- Maximum Temperature - 1800° F
- Temperature Controls - Microprocessor based digital-Type K
- Refractory Lining - 6 1/2" thick - 4 separate insulating materials
- Pneumatics - Clear air at 80-100 PSI required

Model	Burner Btu/Hr	Fuel	Electrical	Melt Rate Cold	Melt Rate Hot	Cap. Lbs. Aluminum
200 RA	300,000	Gas/Propane	120 Volt	86 Lbs/Hr	130 Lbs/Hr	259
400 RA	400,000	"	"	133 Lbs/Hr	200 Lbs/Hr	421
500 RA	500,000	"	"	167 Lbs/Hr	250 Lbs/Hr	490
600 RA	600,000	"	"	200 Lbs/Hr	300 Lbs/Hr	621
700 RA	750,000	"	"	233 Lbs/Hr	350 Lbs/Hr	700
900 RA	1,000,000	"	"	300 Lbs/Hr	450 Lbs/Hr	900

Model	Floor Space Required	Height	Maximum Temperature	Crucible O.D. In.	Crucible HT. In.	Lining	Shipping Weight
200 RA	4' x 4'	36"	2200	20.5	17	7" Castable	2300
400 RA	4' x 4'	41"	"	20.5	25	7" Castable	2550
500 RA	4.5' x 4.5'	44"	"	23.5	23	7" Castable	1670
600 RA	4.5' x 4.5'	44"	"	28	23	7" Castable	3085
700 RA	4.5' x 4.5'	45"	"	34	22	7" Castable	3120
900 RA	5' x 5'	45"	"	34.5	25.5	7" Castable	3270