

Standard Model of HINDHIVAC Horizontal Vacuum Furnaces & Summary Specifications

Model	Hotzone		Chamber Dimension MM	Max Charge wt. kg.	Operating Temp °C	Heating Elements & Raciational Shield	Power input for heating KVA	Pumping Speed			Cooling Method	Control Instruments
	Effective	Actual						Mech. Pump M3/hr	Roots Diffusion pump M3/hr	Lit/sec		
	Work load area (mm)		area between heater									
HR 22 x 20	400W x 360H x 500D	460W x 440H x 600D	900 Dia x 700 L	50	1050°C±10	Graphite rod, Graphite Board	50	250	375	6000	Gas fast Cooling, Blower: 2500 cfm, Canned Motor: 2HP, finned Tube Heat Exchanger	Auto/Manual Controller, Temp Programmer Controller, PLC, Micro Processor Pirani, Penning gauge
HR 22 x 20 Job Rotation	400W x 360H x 500D	530W x 400H x 695D	900 Dia x 900 L	50	1250°C	Graphite rod, Graphite Board	45	120	500	6000	Gas fast Cooling, Blower: 2500 cfm, Canned Motor: 2HP, finned Tube Heat Exchanger	Auto/Manual Controller, Temp Programmer Controller, PLC, Micro Processor Pirani, Penning gauge
HR 23 x 20	500W x 300H x 500D	550W x 450H x 575D	950 Dia x 750 L	25	1300°C±5	Moly. Rod, Moly. & SS	45	120	500	6000	Gas fast Cooling, Blower: 4000 cfm, Canned Motor: 20HP, Shell Tube Heat Exchanger	Auto/Manual Controller, Temp Programmer Controller, PLC, Micro Processor Pirani, Penning gauge
HR 24 x 20	500W x 350H x 500D	550W x 500H x 575D	1000 Dia x 750 L	50	600°C±5	Nichrome strip, SS	30	120		6000	Natural Vacuum Cooling	Auto/Manual Controller, Temp Programmer Controller, PLC, Micro Processor Pirani, Penning gauge
HR 45 x 48	800W x 800H x 1200D	1000W x 1000H x 1500D	1800 Dia x 1600 L	150	400°C±20	Tubular	40	500	750	7000	Natural Vacuum Cooling	Auto/Manual Controller, Temp Programmer Controller, PLC, Micro Processor Pirani, Penning gauge

HIND HIGH VACUUM CO. PVT. LTD.

Site No.17, Phase 1, Peenya Industrial Area, Bangalore - 560 058, India.Ph: 080-8394518, 8394615, 8394617, 8394640. Fax: 080-8394874. E.Mail : info@hindhivac.com

SALES OFFICE

Baroda: Ph: 33178, 359039. Fax: 0265-331505. Calcutta: Ph: 4661462, 4649182. Fax: 033-4662830. Chennai: Ph: 4891061. Fax: 044-4891061. Hyderabad: Ph: 3235504, 3234609. Fax: 040-3235504. Mumbai: Ph: 5550003, 5587219. Fax: 022-5563724. New Delhi: Ph: 6282410, 6282411. Fax: 011-6282412. Pune: Ph: 5466095, 5442426. Fax: 020-5466095.