

chamber furnaces



HRF 7/22/301

Air Recirculating Furnaces

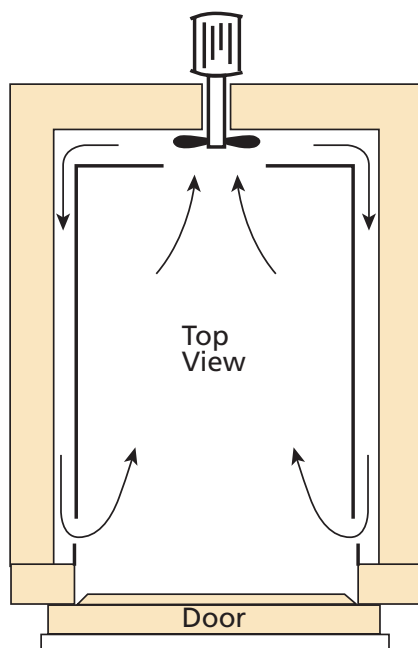
The HRF range of horizontal air recirculating chamber furnaces is available with a maximum operating temperature of 750°C and is particularly suitable for stress relieving, tempering, normalising, annealing and other low temperature heat treatment processes.

They feature an easy clean, stainless steel inner chamber and a zinc coated outer case, finished with a hardwearing stoved epoxy polyester coating. The double skin construction ensures a cool, safe outer case temperature.

Heating is provided by resistance wire elements on both sides of the chamber. A powerful centrifugal fan and airguide system forces air over the elements and back through the work chamber, providing uniform temperature distribution and rapid heat transfer to the workpiece. (see the drawing labelled HRF Air Flow) A combination of insulation is used: low thermal mass ceramic fibre insulation, which ensures low energy losses and refractory board below the hearth provide load bearing capacity,

Model	HRF7/22	HRF 7/45	HRF7/112	HRF7/324
Max. Operating Temperature (°C)	750	750	750	750
Thermocouple Type	K	K	K	K
Internal Volume (l)	22	45	112	324
Chamber Dimensions:				
H (mm)	220	295	400	600
W (mm)	200	265	400	600
D (mm)	495	575	700	900
External Dimensions:				
H (mm)	590	755	1550	1800
W (mm)	450	605	1000	1200
D (mm)	870	1100	1600	2280
Max. Power (W)	3000	6000	18000	24000
Weight (kg)	61	110	480	1000

HRF Air Flow



- 1) Holding power is measured at 100°C below max. temperature, based on 240V supply, with an empty chamber.
- 2) Uniformity graphs are available on request, for most models.
- 3) All external dimensions are taken with the door closed and include a chimney.
- 4) Heat up time is measured at 100°C below max. temperature with an empty chamber.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.