

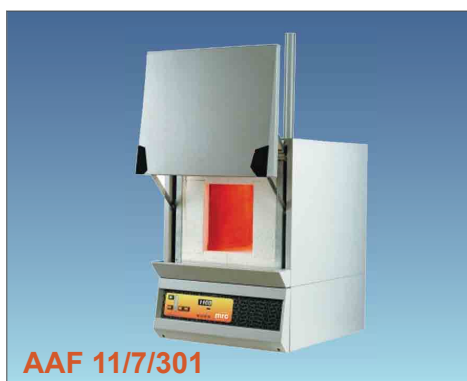


RHF 16/3/3508P1

RHF Series, 1400°C, 1500°C, 1600°C, High Temp Furnaces

- 1400°C, 1500°C or 1600°C maximum operating temperature.
- 3, 8, 15 or 35 litre chamber volumes.
- Silicon carbide heating elements, providing long life at elevated temperatures & able to with stand the stresses of intermittent operation.
- PID controller, with single ramp to set-point & process timer.
- Controllers extend heating performance by compensating for the effects of element ageing.
- Hard wearing refractory brick hearth and door surrounds.
- Low thermal mass chamber insulation for energy efficiency & rapid heating & cooling.
- Thermocouple type R.

Model	Max temp (°C)	Heat up time (mins)	Dimension		Volume (litres)	Max power (W)	Weight (kg)
			Inside (mm)	Outside (mm)		Holding power (W)	
RHF 14/3	1400	33	H120xW120xD205	H655xW435xD610	2.9	4500 1900	42
RHF 14/8	1400	22	H170xW170xD270	H705xW505xD675	7.8	8000 3200	64
RHF 14/15	1400	35	H220xD220xD310	H810xW690xD780	15	10000 2900	125
RHF 14/35	1400	38	H250xW300xD465	H885xW780xD945	35	16000 6000	179
RHF 15/3	1500	45	H120xW120xD205	H655xW435xD610	2.9	4500 2000	46
RHF 15/8	1500	40	H170xW170xD270	H705xW505xD675	7.8	8000 3500	61
RHF 15/15	1500	46	H220xW220xD310	H810xW690xD780	15	10000 3000	125
RHF 15/35	1500	46	H250xW300xD465	H885xW780xD945	35	16000 6200	178
RHF 16/3	1600	42	H120xW120xD205	H655xW435xD610	2.9	4500 2300	42
RHF 16/8	1600	35	H170xW170xD270	H705xW505xD675	7.8	8000 4000	61
RHF 16/15	1600	58	H220xW220xD310	H810xW690xD780	15	10000 3500	140
RHF 16/35	1600	56	H250xW300xD465	H885xW780xD945	35	16000 1100	179



AAF 11/7/301

AAF Series, 1100°C Ashing Furnaces. 3, 7 Or 18 Liter

- 1100°C maximum operating temperature
- Ideal for ashing foods, plastics, coal & other hydrocarbon materials
 - Designed to comply with BS 1016-104.4:1998, ISO 1171 :1997, ASTM 02361-02, & ASTM 03174-04
 - Wire elements are protected from chemical & mechanical damage by a hard wearing alumina based liner
 - AAF 11/18 offers increased protection of the elements from carbon & corrosive atmospheres using silicon carbide tiles
 - Air inlet & tall chimney give airflow from 4 to 5 changes per minute
 - Powerful elements with graded winding compensate for heat loss due to high airflow
 - Preheating of air before it enters the chamber gives excellent uniformity
 - Large floor area allows for large number of samples
 - AAF 11/18 has two tier shelf doubling sample capacity
 - Low chamber height holds airflow close to samples for optimum combustion
 - T/C type K.

Model	Max temp (°C)	Heat up time (mins)	Dimensions		Volume (liters)	Max power (W)	Weight (kg)
			Inside (mm)	Outside (mm)		Holding power (W)	
AAF 11/3	1100	140	H90xW150xD250	H585xW375xD485 780 height to top of chimney	3	2100 1270	22
AAF 11/7	1100	155	H90xW170xD455	H650xW430xD740 1060 height to top of chimney	7	4000 2300	63
AAF 11/18	1100	70	H235xW196xD400	H705xW505xD675 1015 height to top of chimney	18	7080 3500	70