



AAF 11/7

AAF-11 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 D2361-02, & ASTM D3174-04 (3 & 7 Liter models only)
- 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
- Low chamber height holds airflow close to samples for optimum combustion
- 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
- Racks & hearth trays as below.

Options: 2 phase electrical supply for AAF 11/7.

Model	Max temp (°C)	Heat up time (mins)	Dimensions		Vol. (Liters)	Max power (W) Holding power (W)	Thermocouple type	Weight (kg)	Power supply
			Inside (mm)	Outside (mm) H (door open)					
AAF 11/3	1100	140	H90xW150xD250	H585xW375xD485 (800) 780 height to top of chimney	3	2100 1270	K	22	Single
AAF 11/7	1100	155	H90xW170xD455	H650xW430xD740 (905) 1060 height to top of chimney	7	4000 2300	K	63	Single 2 phase
AAF 11/18	1100	70	H235xW196xD400	H705xW505xD675 (990) 1015 height to top of chimney	18	7080 3500	K	70	Universal

Continuous operating temp. is 100°C below maximum temp. Holding power is measured at the continuous operating temperature.

Standard accessories:

Model	2 tier rack system for sample trays with 80mm gap	Non-perforated sample trays (qty) W x D (mm)	Perforated sample trays (qty) W x D (mm)	Loading handle
AAF 11/3	-	(x1) 133x200	-	(x1)
AAF 11/7	-	(x1) 163x326	-	(x1)
AAF 11/18	(x1)	-	(x2) 163x326	(x1)

