



ASHING FURNACE AAF - 18 & 32 LITRES

The AAF ashing furnace range is designed specifically to provide optimum ashing conditions to ensure complete combustion of the sample.

For those laboratories where ashing is interspersed with other heat treatment work the ashing furnace AAF 12/18 & AAF 12/32 provide all of the advantages of the AAF design, but with a higher maximum operating temperature of 1200 °C.

STANDARD FEATURES

- | 1100 °C & 1200 °C maximum operating temperatures
- | Programmable EPC3016P1 controller
- | Two tier rack system doubling the sample capacity
- | With sample trays and loading handle allows for large number of samples
- | Ideal for ashing foods, plastics, coal & other hydrocarbon materials
- | Preheating of air before it enters the chamber
- | Protection of the elements from carbon build-up or corrosive atmosphere, using silicon carbide tiles
- | 2 sided heating
- | Soft closing door protects the thermal insulation

OPTIONS (*SPECIFY THESE AT TIME OF ORDER*)

- | A range of sophisticated digital controllers, multisegment programmers and data loggers with digital communication options is available - more information about controllers
- | Over-temperature protection (recommended to protect valuable contents & for unattended operation)



TECHNICAL DETAILS (MODELS)

	AAF 11/18	AAF 11/32
Max temp (°C)	1100	1100
Heat-up time (mins)	70	--
Max continuous operating temp (°C)	1000	1000
Dimensions: Internal H x W x D (mm)	235 x 196 x 400	250 x 280 x 450
Dimensions: External H x W x D (mm)	715 x 505 x 680	820 x 690 x 775
Dimensions: External with door open H x W x D (mm)	1000 x 505 x 765	1115 x 690 x 910
Dimensions: Height to top chimney (mm)	1000	1510
Volume (litres)	18	32
Max power (W)	7080	9000
Holding power (W)	3500	----
Thermocouple type	K	R
Weight (kg)	70	100

	AAF 12/18	AAF 12/32
Max temp (°C)	1200	1200
Heat-up time (mins)	70	--
Max continuous operating temp (°C)	1100	1100
Dimensions: Internal H x W x D (mm)	235 x 196 x 400	250 x 280 x 450
Dimensions: External H x W x D (mm)	715 x 505 x 680	820 x 690 x 775
Dimensions: External with door open H x W x D (mm)	1000 x 505 x 765	1115 x 690 x 910
Dimensions: Height to top chimney (mm)	1000	1510
Volume (litres)	18	32
Max power (W)	7080	9000
Holding power (W)	3500	----
Thermocouple type	R	R
Weight (kg)	70	100

Please note

- Holding power is measured at 500°C
- Heat up rate is measured to 100°C below max, using an empty chamber
- Maximum power and heat up times based on a 240V supply

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