


Furnaces

Ashing Furnaces, AAF

Designed specifically for "burn-off" and "loss on ignition" work, the excellent temperature uniformity up to 1100°C maximum, ensures that where several samples are heated simultaneously, all achieve the same temperature. The large floor area accommodates a large number of samples and the low ceiling promotes burning. Four to five air changes per minute is achieved for fast ashing and the incoming air is pre-heated for uniform conditions throughout the chamber. The AAF 11/2 has a second upper chamber with independent air-flow. Temperature control can be independent or connected. Both models comply with the following standards: BS 1016 part 4, ISO 344, ISO 1171, ASTM D2361, D2795, and D3174. (Catalogued models require a 240 volt, 50Hz electrical supply, other supplies available on request).

			Technical Data																		
			Model	AAF 11/1	AAF 11/2																
			Chamber Dimensions																		
			Internal (mm - H x W x D)			90 x 170 x 455	60 x 190 x 400														
			External (mm - H x W x D) Chimney Height (mm)			705 x 505 x 725 365	655 x 435 x 610 310														
			Power consumption																		
			Max (kW)			3.90	4.50														
			Holding (kW)			1.70	2.40														
			Heat-up time (minutes)*																		
			110 (estimated)		130																
			Weight (kg)		65	74															
<table border="1"> <thead> <tr> <th>Product no</th> <th>Model</th> <th>Controller</th> </tr> </thead> <tbody> <tr> <td>11190/01</td> <td rowspan="3">AAF 11/1</td> <td>201</td> </tr> <tr> <td>11190/02</td> <td>2416CC</td> </tr> <tr> <td>11190/03</td> <td>2408CP</td> </tr> <tr> <td>11191/01</td> <td rowspan="3">AAF 11/2</td> <td>201</td> </tr> <tr> <td>11191/02</td> <td>2416CC</td> </tr> <tr> <td>11191/03</td> <td>2408CP</td> </tr> </tbody> </table>			Product no	Model	Controller	11190/01	AAF 11/1	201	11190/02	2416CC	11190/03	2408CP	11191/01	AAF 11/2	201	11191/02	2416CC	11191/03	2408CP	<p>*Heat-up time is measured to 100°C below maximum temperature with empty chamber.</p> <p>Controllers Three models are available:</p> <p>Type 201 A three term MID microprocessor controller with the facility of an adjustable ramp rate to set-point, either up or down. The temperature is displayed by large LED's behind a wipe-clean membrane.</p> <p>Type 2416CC An advanced set-point temperature programmer with eight segments which may be either ramp, step or dwell.</p> <p>Type 2408CP As the 2416CC, but with sixteen segments.</p>	
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Furnace Tongs

Straight, stainless steel tongs, 500mm long.

Product no **11206/01**

Gloves, Heat and Water Resistant

Polysafe Kevlar gloves with similar qualities to 10818/01 with cut and heat resistance to 250°C and with nitrile interlining providing resistance to water and many chemicals. A cotton liner improves wearer comfort.

Product no **10819/01**

Gloves, Heat Resistant

Textured Palm

Made from cut-resistant Kevlar, these gloves will withstand temperatures up to 100°C. A textured palm gives a superior grip.

Product no **10817/01**

Textured Palm & Cotton Liner

Polysafe gloves with similar qualities to the above, but with a cotton liner for wearer comfort and greater protection from heat, up to 250°C.

Product no **10818/01**

Gloves Heat Resistant

Resistant to cuts and heat up to 900°C.

Product no **10820/01**

