

LABORATORY FURNACE **Lenton**

UAF - High Temperature Laboratory Chamber furnaces : 1700oC & 1800oC



Applications & Features

These models have a maximum operating temperature of 1700°C and 1800°C. Models UAF 17/4 and 18/5 are bench mounted, whilst all other models are floor standing with lockable wheels as an optional extra.

Ultra-high purity alumina low thermal mass insulation and vertically suspended Kanthal Super heating elements, which radiate heat directly onto the work piece, provide rapid heating and cooling and low running costs. These models offer advanced chamber construction with modular roof system and removable hearth.

The insulated door opens upwards and outwards, keeping the hot face insulation away from the operator. An electrically operated door is standard on the UAF 17/27 and UAF 18/27 models. A key switch is provided to prevent unauthorized opening. A door switch isolates power from the heating elements whenever the door is opened for maximum operator safety. Over temperature protection is fitted as standard.

Specification

Model	Maximum operating temperature (°C)	Maximum continuous temperature (°C)	Internal dimensions (mm – h x w x d)	External dimensions (mm – h x w x d)	Maximum operating power (kW)	Chamber capacity (l)	Net weight (kg)
UAF 17/4	1700	1650	150 x 150 x 150	755 x 605 x 720	3.7	3.4	128
UAF 17/12	1700	1650	253 x 230 x 230	1500 x 715 x 760	6.4	12.0	230
UAF 17/27E	1700	1650	300 x 300 x 300	1630 x 1050 x 825	12.0	27.0	316
UAF 18/5	1800	1750	170 x 150 x 200	755 x 605 x 720	4.5	5.1	170
UAF 18/13	1800	1750	220 x 200 x 300	1500 x 715 x 760	9.0	13.2	287
UAF 18/18	1800	1750	220 x 200 x 400	1500 x 715 x 860	12.0	17.5	365
UAF 18/27	1800	1750	300 x 300 x 300	1630 x 1200 x 825	18.0	27.0	494