

45° Tube furnaces up to 1200 °C – ETF 30-40 / 12 X



ETF 30-40 / 12 X



ETF 30-40 / 12 -X

The furnace is a type generally referred to as a tube furnace. These furnace types are equipped with KANTHAL A-1 elements which are wound around a ceramic tube. This design results in a robust furnace where the elements are protected from the furnace atmosphere as well as from mechanical damage. The elements offer moderate heat-up rates and are able to operating up to element temperatures if 1200 °C without change in electric resistance due to ageing.

The instrumentation is built into the control cabinet immediately below the furnace. The control unit consists of an Eurotherm 2116 single setpoint controller or optional.

The controller receives its signal from thermocouple type N.

TECHNICAL DATA – ETF 30 - 40 / 12 X

45° Horizontal Tube Furnace

Max. temperature:	1200 °C
Max. working temperature:	1150 °C
Elements:	Kanthal A-1 metallic resistance wire
Connection:	1 x 230 V, 50 Hz AC, or optional
Controller:	1 x Eurotherm 2116 PID, or optional
Thermocouple:	1 x Type N

Standard	Inner dia.	Hot zone	H	W	D	Power
ETF 30 / 12 X	30 mm	300 mm	770 mm	580 mm	270 mm	800 W
ETF 40 / 12 X	40 mm	300 mm	770 mm	580 mm	270 mm	1100 W

HIGH TEMPERATURE FURNACES made up to specification. Operating up to 2000 °C in oxidizing atmospheres.