

Horizontal Tube furnaces up to 1500 °C - ETF XX / 15 - X



ETF 40 / 15



ETF 40 / 15

The ETF XX /15 tube furnaces are built with silicon carbide elements parallel along the ceramic work tube inside the chamber. The instrumentation is built into the control cabinet immediately below the furnace. As standard we equip the furnace with Eurotherm 2116CC. This controller has a single setpoint with ramp function. There is a range of programmers to choose from if 2116 would not fit in your demands. You will need one controller to every zone the furnace is built with. You can choose between master/ slave communication or independent programming. The controller can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA - ETF XX / 15 / X Horizontal Tube Furnace

Max. temperature:	1500 °C
Max. working temperature:	1450 °C
Elements:	Silicon-carbide rod elements
Connection:	230 V, 50 Hz AC
Controller:	Eurotherm 2116 PID, or optional
Thermocouple:	Type S (Pt / Pt 10%Rh)

Standard	Tube dia.	Hot zone	H	W	D	Power
ETF 30-50 / 15-S	30 – 50 mm	280 mm	675 mm	610 mm	410 mm	2800 W
ETF 50-70 / 15-S	50 – 70 mm	400 mm	760 mm	750 mm	480 mm	4500 W
Long zone	Tube dia.	Hot zone	H	W	D	Power
ETF 30-50 15-L	30 – 50 mm	450 mm	675 mm	760 mm	410 mm	3500 W
ETF 50-70 15-L	50 – 70 mm	600 mm	760 mm	900 mm	480 mm	6000 W
Two zone	Tube dia.	Hot zone	H	W	D	Power
ETF 30-50 15-2	30 – 50 mm	2 x 150 mm	675 mm	760 mm	410 mm	2800 W
ETF 50-70 15-2	50 – 70 mm	2 x 300 mm	760 mm	900 mm	480 mm	6000 W

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