

Vertical Split tube furnaces up to 1500 °C – VSTF XX / 15 – X



VSTF 75 / 15 - III



Power Cabinet



Transformer

The VSTF/15 tube furnaces are built with silicon carbide elements placed along the sides inside the chamber. As we manufacture the furnace ourselves we can design the furnace very freely. If you need a temperature gradient or avoid it, it is possible to divide the chamber into separate hot zones. The furnaces are delivered with a bracket for wall mounting.

The instrumentation is built into a separate control cabinet. As standard we equip the cabinet with Eurotherm 2408 P4. This programmer has four programs with 16 step each. There is a range of other programmers to choose from if 2408 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 programmer can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA – VSTF XX / 15 - X Vertical Split Tube Furnace

Max. temperature:	1500 °C
Max. working temperature:	1450 °C
Elements:	SiC
Connection:	1-3 x 230 V, 50 Hz AC
Controller:	1-3 Eurotherm 2408 P4, or optional
Thermocouple:	S (Pt / Pt 10%Rh)

(Example of 1500 °C furnaces)

One Zone	Tube dia.	Hot zone	H	W	D	Power
VSTF 40/15	30 - 60 mm	260 mm	670 mm	500 mm	840 mm	4000 VA
VSTF 75/15	30 - 80 mm	500 mm	720 mm	500 mm	850 mm	6000 VA
Three zone	Tube dia.	Hot zone	H	W	D	Power
VSTF 75/15-III	30 – 80 mm	1x300 mm 2x200 mm	920 mm	500 mm	850 mm	7500 VA

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