

Vertical Split tube furnaces up to 1100 °C – VSTF XX / 11 – X



VSTF 120 / 11



Power Cabinet

The VSTF/12 tube furnaces are built with fibreimbedded KANTHAL A1 wire as half cylinder elements. There is a number of standard modules and most of these are possible to get custom made. These halfcylinder set the dimensions for the furnace. 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 2116. This is a single set point controller but there is a range of programmable controllers to choose between 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 (Not available for 2116). The programmer can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA – VSTF XX / 11 - X

Vertical Split Tube Furnace

Max. temperature:	1150 °C
Max. working temperature:	1100 °C
Elements:	KANTHAL A1 wire
Connection:	1-3 x 230 V, 50 Hz AC, or optional
Controller:	1-5 Eurotherm 2116, or optional
Thermocouple:	N

(Example of 1100 °C furnaces)

One Zone	Tube dia.	Hot zone	H	W	D	Power
VSTF 80/11	30 - 80 mm	300 mm	460 mm	425 mm	735 mm	1500 W
VSTF 80/11	30 - 80 mm	500 mm	660 mm	425 mm	735 mm	2600 W
VSTF 120/11	30 - 120 mm	500 mm	660 mm	510 mm	800 mm	3800 W
VSTF 120/11	30 - 120 mm	600 mm	760 mm	510 mm	800 mm	4600 W

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