

## 45° Tube furnaces up to 1200 °C - 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

Kanthal A-1 metallic resistance wire Elements: Connection: 1 x 230 V, 50 Hz AC, or optional Controller: 1 x Eurotherm 2116 PID, or optional

Thermocouple: 1 x Type N

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

**ENTECH** 

P O Box 1066 Telephone: +46 431 44 99 80 SE-262 21 Ängelholm +46 431 44 99 81 Fax: www.entech.se E-mail: info@entech.se