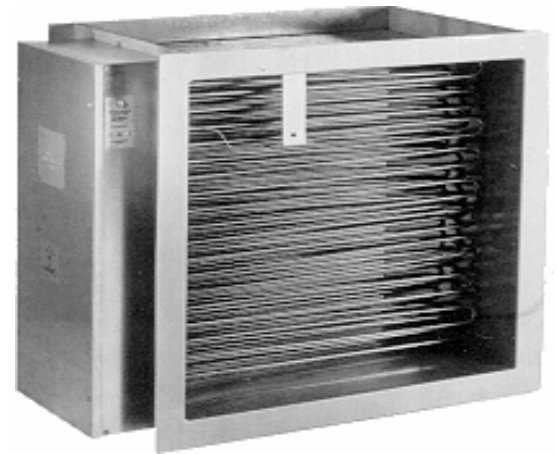


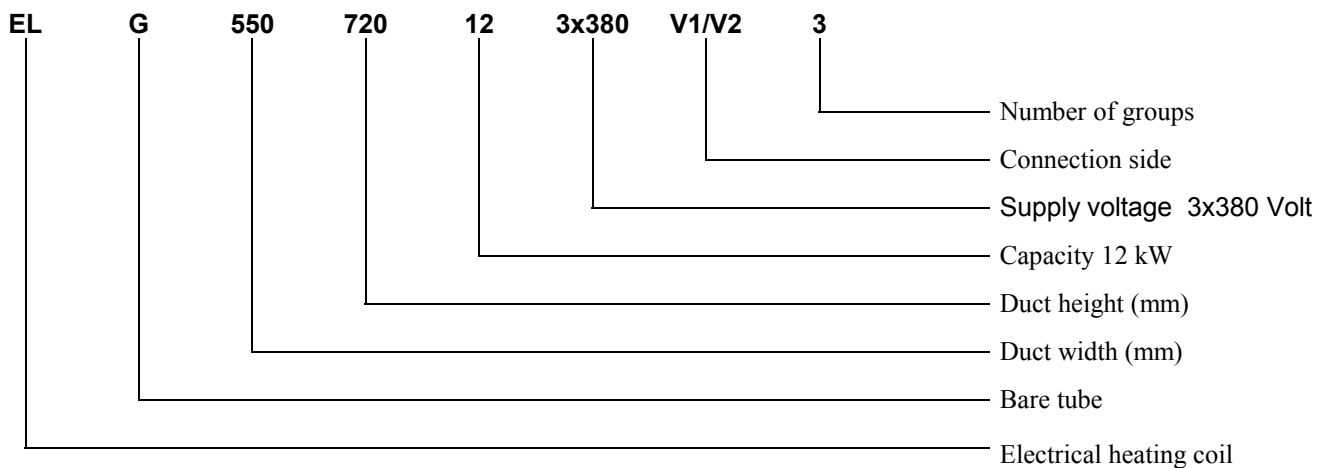
Electrical heating coil type EL-G



Applications

- Heating for air-conditioning or process applications
- Supplementary heating in heat recovery systems
- Suitable for duct mounting and air handling unit applications

Coil nomenclature

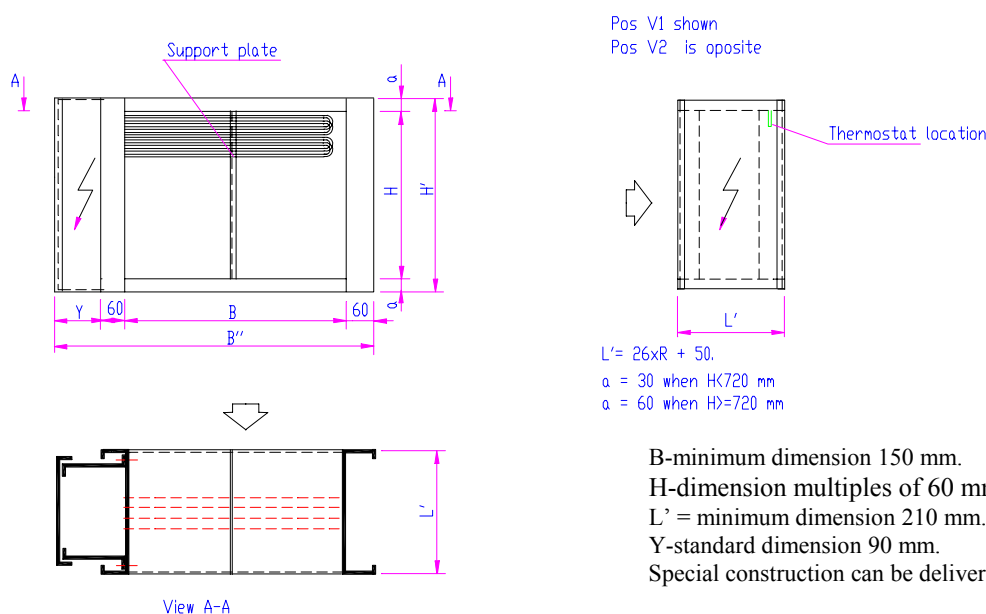


Materials

Electrical coils are supplied with heating elements in AISI 304 and galvanized steel frame as standard. Other material combinations available upon request.

Dimensions

STANDARD HEATING COIL TYPE EL-G



Electrical heating coil type EL-G

Design requirements

To enable us to design the correct heating coil for your requirements, we need:

Air Side:

- Air Volume
- Duty or air temperature rise required

El-Side:

- Number of Groups
- Group Effect
- Supply Voltage

Features

Diameter of heating element 8.5 mm.

Heat Flux = 3 W/cm²

Nominal air velocity range 1 to 10 m/s.

All ttc electrical coils are individually designed.

All groups less than 1,84 kW are designed for a supply voltage of 1 x 220/230 Volt. 3-phase can be provided upon request.

Coils can be designed for supply voltages up to 690 V.

All electrical coils are supplied with a safety thermostat adjustable between 100°C and 180°C and a fire thermostat with manual reset.

Installation

* ttc norge's standard electrical coils are not suitable for outdoor installation.
Special heaters for outdoor installation can be supplied upon request.

** ttc norge's standard electrical coils classification is IP22 - higher classification is available upon request.

*** If the electrical coils are installed in areas with condensation or a risk of humidity which may cause short circuit, a standby heater is additionally required.

Further installation and maintenance instructions can be provided upon request.