



The "GIGANT" Coiled Tube Heat Exchanger Electric heat exchanger "EWT 95-15 Compact"

Mobility and individuality. The challenge for BEHNCKE, a heat exchanger system with extreme usage versatility. The 'EWT 95-15 Compact'.

Mobile and variable applications for heat exchangers are a particularly interesting challenge. On the one hand there is an extremely wide range of applications, e.g. in boat or shipyard operations, in hot tubs or where no alternative energy or heating facilities are available. On the other hand, maximum dependability is required.

In addition to the aforementioned requirements, other targets, such as an extremely low energy consumption but with a highly effective heating output, have also been realized with perfection by BEHNCKE's engineers.

The 'EWT 95-15 Compact'. No compromises on quality, performance or equipment.

The outer material is made of high-quality and extremely hard-wearing stainless steel (AISI 316), while the heating element is made of electro-polished and corrosion-resistant Incoloy 825. This allows extremely high heating outputs yet with an extremely low power consumption. The stainless steel screw-in top is finished, for example, with silver solder to complete the high quality standard.

The compact system has a digital two-point temperature controller (0–40°C) and an electronic safety and control thermostat for fully automatic thermostat triggering of the heating elements. With a view to durable and dependable functioning the 'EWT 95-15 Compact' has been equipped with a turn-on delay and automatic after-running. With this facility the heating element is not switched on until 10 seconds after volume flow startup. With the automatic after-running process this sequence is activated as a



counter-acting function in order to efficiently utilize the stored heat for as long as possible. The 'EWT 95-15 Compact' is equipped with sophisticated accessories, such as a flow switch and rubber hose installation kit (ND 60). As the control unit and heat exchanger come ready assembled as one unit, trouble-free and low-cost installation can be performed on site.

Maximum safety thanks to TÜV (German Technical Control Board) approval testing and certification.

The safety aspect is a top priority for BEHNCKE, especially for highly sensitive applications, e.g. electricity and water. All standard electric heat exchangers are therefore TÜV-tested and certified.

The 'EWT 95-15 Compact Titanium'. For special applications.

The compact system is also available as a titanium version. In this case, in addition to the housing the heating element is also made of titanium, making it fully resistant to sea water. This version even meets the strict US disinfection requirements and can be used on boats, yachts and ships without any difficulty. Like the stainless steel version, the titanium system is available in 5 output levels (heating output 18–54 kW).

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