

# Electrical thermal oil heater

## Type EWE

**The optimum heater for heavy duty continuous operation, peak load and standby service.**

### **Advantages:**

- No fireplace, no approval procedure for a firing system.
- Gentle oil heating with heating rods designed for a low load per surface unit.
- Extra long useability of ther-

mal oil due to single pipe coil principle with optimum control of film temperature.

- Reliable and long-lived systems – several decades of experience.
- Optimum temperature control and effective safety equipment.



### **Heating:**

Electrical insert heating unit for a low load per surface unit.

### **Control:**

Electronic control of the inlet temperature; two-, three-, or multi stage – alternatively infinitely variable.

### **Safety:**

Safety devices according to DIN 4754, VDI-guideline 3033, VDE 100, EN 292, 89/392/EWG (conform to CE safety standards).

Picture 1: Ness electrical thermal oil heater EWE 36 (36 kW)

# NESS

Design according to European Pressure Equipment Directive, ASME, CSA, Chinese Import Boiler and Pressure Vessel License. Other codes upon request.

**Temperature:**

For output temperatures up to 400 °C with suitable thermal oils. Higher temperatures upon request.

**Optional equipment:**

Automatic adjustment of the outlet temperature before phasing into a heating system (peak load, standby service), week cycle program, night cut-off period, external set points.

**Capacity:**

From 18 up to 1000 kW. Larger heaters upon request.

Please contact us for details.



Picture 2: Ness electrical thermal oil heater EWE 270 (270 kW)

**Technical data and measures:**

Type	Output in kW	Length in m	Width in m	Height in m
EWE 18 – EWE 36	18 – 36	1.8	0.9	2.2
EWE 45 – EWE 72	45 – 72	1.8	1.2	2.2
EWE 81 – EWE 144	81 – 144	1.9	1.3	2.2
EWE 153 – EWE 270	153 – 270	1.9	1.5	2.2
EWE 279 – EWE 342	279 – 342	1.9	1.5	2.2
EWE 350 – EWE 800*	350 – 800	2.9	1.5	2.2

\*Separate switch cabinet. Measures of the larger EWEs upon request.  
 Technical changes reserved.

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