

APPLICATIONS

Coolant Preheater designed for large Gas- and Diesel Engines for Marine-, Power-, Construction- and Mining Applications

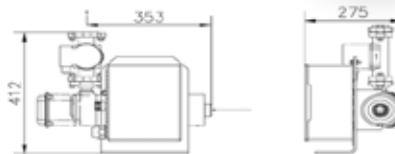
DIMENSIONS AND WEIGHT

Heights	mm	412
Length	mm	353
Depth	mm	275
Weight	kg	25



PRODUCT SPECIFICATIONS

- › Medium: Coolant (50% glycol / 50% water)
- › Heating Power: 3, 6, 9 and 12 kW
- › Voltage Range: 120 V - 690 V
- › Phases: 1 and 3
- › Frequency: 50 and 60 Hz
- › Housing Material: steel
- › Thermostat: adjustable and high limiter: 10-120°C/0-150°C
- › Ingress Protection: Motor: IP 54 (50 Hz), NEMA 2 (60 Hz)
(Higher Ingress Protection available upon request)
- › Pump Power: 0.04 kW
- › Fluid Capacity: 3.5 l
- › Pump Flow: 2.3 m³/h @ 3.1 m
- › Pressure Loss: 0.15 bar
- › Operating Pressure: 6.0 bar
- › Plumbing Connections: 1 Inch NPT, BSP or DIN



Complete Engine Pre-heater with Pump, Flow heater and all required controls.

TECHNICAL BENEFITS

L&K HeatAnt is Small, compact and powerful. This what makes it the industry leading preheater, compared to ordinary systems. Some of the following features underline it:

- ✓ Steel construction (Optional with welding certificate)
- ✓ Low and optimized surface watt density of the heating element
- ✓ Element enclosure out of metal
- ✓ Safety-, and control Thermostat
- ✓ Temperature sensors inside the fluid
- ✓ Automatic operation
- ✓ System designed for order specific standards such as: VDE, ATEX, CSA, UL, GL, ABS etc.

TYPE CODE	kW	Volts	Phase	Hz
LK HA 3-120-1-60	3	120	1	60
LK HA 3-208-1-60	3	208	1	60
LK HA 3-220-1-50	3	220	1	50
LK HA 3-240-1-60	3	240	1	60
LK HA 6-208-1-60	6	208	1	60
LK HA 6-220-1-50	6	220	1	50
LK HA 6-240-1-60	6	240	1	60
LK HA 6-480-1-60	6	480	1	60
LK HA 6-380-3-50	6	380	3	50
LK HA 6-480-3-60	6	480	3	60
LK HA 6-575-3-60	6	575	3	60
LK HA 9-208-1-60	9	208	1	60
LK HA 9-220-1-50	9	220	1	50
LK HA 9-240-1-60	9	240	1	60
LK HA 9-480-1-60	9	480	1	60
LK HA 9-380-3-50	9	380	3	50
LK HA 9-480-3-60	9	480	3	60
LK HA 12-208-1-60	12	208	1	60
LK HA 12-220-1-50	12	220	1	50
LK HA 12-240-1-60	12	240	1	60
LK HA 12-480-1-60	12	480	1	60
LK HA 12-208-3-60	12	208	3	60
LK HA 12-380-3-50	12	380	3	50
LK HA 12-480-3-60	12	480	3	60