

ELECTRIC HEATER

THERMO AC/DC



THIS HEATER HAS THE WATTAGE

For optimum thermal management in hybrid, electric, hydrogen and trolley-buses, Valeo offers the Thermo AC/DC all-electric heater.

The independently operated heater with direct (600 VDC) or alternating current (400 VAC) is our answer to the drives of the future.

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THERMO AC/DC – 100% EMISSION-FREE HEATING



HIGHLIGHTS



Low life-cycle costs

- Minimum maintenance
- High level of efficiency: efficiency factor of > 98%



Environmentally friendly

- 100% emission-free heating
- Almost noiseless
- No annoying exhaust fumes
- Emission-free preheating
- Booster heating in zero-emission zones



Comfort

- High reliability by proven temperature sensors
- Use in enclosed spaces and at the depot
- Use in trolleybuses as a full heating system

TECHNICAL DATA

	Thermo AC 200	Thermo AC 070 ¹⁾	Thermo AC 130 ¹⁾	Thermo DC 200 ¹⁾
Heat output (BTU/hr)	68,243	23,885	44,358	68,243 ²⁾
Supply voltage (V)	400 VAC / 3~	400 VAC / 3~	400 VAC / 3~	600 - 750 VDC
Current consumption (A)	approx. 30	approx. 10	approx. 20	600V = 26 A / 750V = 32 A
Volume flow (l/h)	> 1500	> 1500	> 1500	> 1500
Operating pressure (bar)	max. 2.0	max. 2.0	max. 2.0	max. 2.0
Weight (lbs)	33	28	31	35
Dimensions L x W x H (in)	22.75 x 9.72 x 8.86	22.75 x 9.72 x 8.86	22.75 x 9.72 x 8.86	22.75 x 9.72 x 8.86

¹⁾ On request ²⁾ Nominal heat flow dependent on voltage applied



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