

PRODUCT SPECIFICATIONS



IMAC 4000E

IMAC 2000 S / 2000 EC / 2000 EC 2T / 2200 EC 2T



IMAC 1200 EC / 1500 EC

TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/hr 1 kW = 3,413 Btu/hr 1 kW = 3.6 MJ/hr 1 kg = 1.2 l/hr

| MODEL IMAC | 1200 EC | 1500 EC | 2000 EC | 2000 S | 2000 EC 2T | 2200 EC 2T | 4000 E | 4000 E | 4000 E |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|---------------------|
| Item number | 41.727.000 | 41.727.500 | 41.732.000 | 41.729.600 | 41.732.010 | 41.732.020 | 41.740.500 | 41.740.600 | 41.740.800 |
| Fuel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel | Diesel |
| Heat output (Btu/hr) | 409,000 | 495,000 | 683,000 | 683,000 | 477,700 / 683,000 | 477,700 / 683,000 | 891,000 / 1.307,000 | 891,000 / 1.307,000 | 891,000 / 1.307,000 |
| Heat output (kW) | 120 | 145 | 200 | 200 | 140 / 200 | 140 / 220 | 261 / 383 | 261 / 383 | 261 / 383 |
| Fuel consumption max. (l/hr) | 11.4 | 13.6 | 20 | 20 | 13.9 / 20 | 13.9 / 20.5 | 26 / 38 | 26 / 38 | 26 / 38 |
| Efficiency (%) | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| 2-step burner and fan | | | | | * | * | * | * | * |
| Heated air flow (m³/hr) | 8,500 | 10,000 | 12,000 | 12,000 | 9,000 / 12,000 | 9,000 / 12,000 | 18,000 / 24,000 | 18,000 / 24,000 | 18,000 / 24,000 |
| Max. ventilator back pressure (Pa) | 500 | 600 | 600 | 600 | 350 / 600 | 350 / 550 | 400 / 1,000 / 700 | 400 / 1,000 / 700 | 400 / 1,000 / 700 |
| Power supply (V) | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 | 3 x 400 |
| Power consumption (AMPS) | 3.5 | 6 | 6 | 7.5 | 4 / 6 | 4 / 6 | 9 - 20 - 20.3 | 9 - 20 - 20.3 | 9 - 20 - 20.3 |
| EC fanmotor | * | * | * | | * | * | | | |
| Outlet cone Ø (mm) | 1 x 500 | 1 x 500 | 1 x 600 | 1 x 600 | 1 x 600 | 1 x 600 | 3 x 500 | 2 x 600 | 1 x 800 |
| Flue connection Ø (mm) | 200 | 200 | 200 | 200 | 200 | 200 | 300 | 300 | 300 |
| Thermostat connection | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 1 |
| Dim. heater only L x W x H (mm) | 2200 x 800 x 1350 | 2200 x 800 x 1350 | 2400 x 800 x 1350 | 2400 x 800 x 1350 | 2400 x 800 x 1350 | 2400 x 800 x 1350 | 3850 x 1200 x 2010 | 3850 x 1200 x 2010 | 3850 x 1200 x 2010 |
| Dim. incl. packing L x W x H (mm) | 2110 x 800 x 1350 | 2110 x 800 x 1350 | 2310 x 800 x 1350 | 2310 x 800 x 1350 | 2310 x 800 x 1350 | 2310 x 800 x 1350 | 3850 x 1200 x 2010 | 3850 x 1200 x 2010 | 3850 x 1200 x 2010 |
| Weight (kg) | 467 | 467 | 545 | 545 | 550 | 550 | 1,300 | 1,300 | 1,300 |
| Weight incl. packing (kg) | 467 | 467 | 545 | 545 | 550 | 550 | 1,300 | 1,300 | 1,300 |

FEATURES

| MODEL IMAC | 1200 EC | 1500 EC | 2000 EC | 2000 S | 2000 EC 2T | 2200 EC 2T | 4000 E | Item number |
|--|---------|---------|---------|--------|------------|------------|--------|-------------|
| FLUE STACKS | | | | | | | | |
| Galvanized pipe 1 m, Ø 200 mm | * | * | * | * | * | * | | 41.528.192 |
| Galvanized pipe 1 m, Ø 300 mm | | | | | | | * | 41.740.665 |
| Galvanized rain cap, Ø 200 mm | * | * | * | * | * | * | | 41.528.187 |
| Galvanized rain cap, Ø 300 mm | | | | | | | * | 41.740.666 |
| Galvanized bend 45°, Ø 200 mm | * | * | * | * | * | * | | 41.528.230 |
| Galvanized bend 45°, Ø 300 mm | | | | | | | * | 41.740.667 |
| THERMOSTATS | | | | | | | | |
| RT1, room thermostat -10/+40 °C with 5 m cable and plug, IP 54, switching differential ± 2 degrees | * | * | * | * | * | * | * | 40.228.405 |
| RT2, as RT1, with 10 m cable IP 54 | * | * | * | * | * | * | * | 40.228.410 |
| RT3, as RT1, with 20 m cable IP 54 | * | * | * | * | * | * | * | 40.228.420 |
| IT1, duct thermostat 0/100 °C with 6 m cable and plug, switching differential ± 1.5%. For control of temperature in ducting system | * | * | * | * | * | * | * | 40.000.107 |
| DA1, dual connection for thermostat. For control of 2 heaters on 1 thermostat | * | * | * | * | * | * | * | 41.729.220 |
| Extension cable 10 m for thermostat, with plug | * | * | * | * | * | * | * | 40.202.140 |
| Fault detector IMAC GSM | * | * | * | * | * | * | * | 41.729.540 |
| Fault detector GSM room temperature monitoring, no connections needed. Regardless of the type of heater | * | * | * | * | * | * | * | 40.223.400 |
| SWITCHING / ELECTRONICS | | | | | | | | |
| Transformer set for electrical connections without 0 | * | * | * | * | * | * | * | 41.729.335 |

PRODUCT SPECIFICATIONS

| MODEL IMAC | | 1200 EC | 1500 EC | 2000 EC | 2000 S | 2000 EC 2T | 2200 EC 2T | 4000 E | 4000 E | 4000 E | Item number |
|---|----------|---------|---------|---------|--------|------------|------------------------------|--------|--------|--------|-------------|
| DISTRIBUTION HEADS | | | | | | | | | | | |
| | ∅ (mm) | | | | | | | | | | |
| To be fixed instead of standard outlet panel (ex works, if necessary), excluding clamps | 500 | s | s | * | * | * | * | | | | 41.729.804 |
| | 600 | * | * | s | s | s | s | | | | 41.729.872 |
| | 2 x 500 | * | * | * | * | * | * | | | | 41.729.997 |
| | 4 x 300 | * | * | * | * | * | * | | | | 41.729.820 |
| | 6 x 300 | * | * | * | * | * | * | | | | 41.729.862 |
| | 800 | | | | | | | * | * | s | 41.740.565 |
| | 2 x 600 | | | | | | | * | s | * | 41.740.560 |
| <i>s = standard</i> | 3 x 500 | | | | | | | s | * | * | 41.740.050 |
| WARM AIR TRANSPORT HOSES | | | | | | | | | | | |
| Temperature resistant -30/+100 °C yellow, L = 6 m | 300 | v | v | v | v | v | v | | | | 40.107.276 |
| | 500 | s / v | s / v | v | v | v | v | s | v | v | 40.107.282 |
| | 600 | v | v | s | s | s | s | v | s | v | 40.107.284 |
| <i>v = distribution head instead of standard outlet cone</i> | 800 | | | | | | | v | v | s | 40.107.286 |
| On request warm air transport hoses temperature resistant -40/+80 °C and warm air transport hoses in other colours are available | | | | | | | | | | | |
| RUBBER QUICK RELEASE CLAMPS FOR HOSES WITH END RING | | | | | | | | | | | |
| To connect hoses and if desired to fix to the heater flange | 300 | | | | | --- | for 300 mm hoses --- | | | | 40.502.067 |
| | 500 | | | | | --- | for 500 mm hoses --- | | | | 40.502.071 |
| | 600 | | | | | --- | for 600 mm hoses --- | | | | 40.502.073 |
| | 800 | | | | | --- | for 800 mm hoses --- | | | | 40.502.075 |
| GALVANIZED HOSE CLIPS | | | | | | | | | | | |
| To fasten hoses to the heater flange or to a connection piece | 60 - 600 | | | | | --- | for 60 till 600 mm hoses --- | | | | 41.522.196 |
| RECIRCULATION FLANGES AND HOSES | | | | | | | | | | | |
| Recirculation flange | 600 | * | * | * | * | * | * | | | | 41.729.878 |
| | L (m) | | | | | | | | | | |
| Recirculation hoses ∅ 600 mm | 5 | * | * | * | * | * | * | * | * | * | 41.729.241 |
| | 10 | * | * | * | * | * | * | * | * | * | 41.729.242 |
| HOSE CONNECTION BEND 45 DEGREES | | | | | | | | | | | |
| | ∅ (mm) | | | | | | | | | | |
| To connect hoses to marquees. | 300 | v | v | v | v | v | v | | | | 41.000.300 |
| <i>v = distribution head instead of standard outlet cone</i> | 500 | s / v | s / v | v | v | v | v | s | v | v | 41.000.500 |
| FRESH AIR SUCTION FLANGES | | | | | | | | | | | |
| Suction flange for oil burner SL 44 / 55 | | * | * | * | * | * | * | | | | 99.095.026 |
| FUEL ACCESSORIES | | | | | | | | | | | |
| Oil supply unit DE 600, 60 litre to transport oil under pressure from bulk tank to one or more heaters, to maximum height of 30 m | | * | * | * | * | * | * | * | * | * | 41.530.005 |
| Needed per heater: connection / reduction set with magnetic valve | | * | * | * | * | * | * | * | * | * | 41.522.213 |
| Oil preheating with cable (for SL 44 / 55) | | * | * | * | * | * | * | | | | 41.527.211 |
| Oil filter with water separation and bracket for return pipe | | * | * | * | * | * | * | * | * | * | 41.722.230 |
| Oil filter set with preheating | | * | * | * | * | * | * | * | * | * | 41.722.370 |
| Oil suction set universal | | * | * | * | * | * | * | * | * | * | 41.520.104 |



Flue stack with rain cap



RT1, RT2, RT3



GSM Fault indicator for IMAC heaters



GSM Temperature monitoring set



Distribution head



Yellow hose + end ring



Rubber quick release clamp



Hose clamp