




ECmat 200T

ECmat is an extremely high-quality, 360° fully screened self-adhesive all-in-one mat with FEP insulated conductors and a red PVDF outer sheath (non UV stable). The round profile, low height (only 3,5 mm) and robust construction ensures a fast, simple and safe installation perfect for renovating existing floors.

The cold lead is an installation cable with solid conductors ensuring fast installation. A clearly visible connection avoids accidentally installing the heated cable in the wall.

To ensure a long life-time, all cables are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our full floor extended Danfoss warranty.

Product specifications

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| Benefits <ul style="list-style-type: none"> • Fast and easy to install • Self-adhesive mesh • Low height - only 3,5 mm • Only one cold lead • Long life-time • Maximum protection Approvals:  Standard compliance <ul style="list-style-type: none"> • EN/IEC60335-2-96 | Nominal voltage | 230 V~ |
| | Construction | Twin conductor with 360° screening, one cold lead |
| | Output | 200 W/m ² @ 230 V~ |
| | Max. permissible use temperature, powered | 115 °C |
| | Max. permissible use temperature, unpowered | 120 °C |
| | Cable dimensions | 3,0 mm |
| | Deformation strength | 600 N |
| | Pulling strength | 120 N |
| | Conductor insulation | FEP |
| | Outer sheath | PVDF |
| | Screen | 100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire |
| | Cold lead | 4 m DTWB 2 x 1 mm ² with screen |
| | Min. installation temperature | -5 °C |
| | Bending Ø, min. | 6 x cable diameter |
| | IP Class | IPX7 |

Types

| Item no. | Output @ 230V~ | Heated area | Resistance, Ohm | Dimensions (W x L) | EAN no. |
|----------|----------------|---------------------|-----------------|--------------------|---------------|
| 088L5400 | 87 W | 0,45 m ² | 608 Ω | 0,5 x 0,9 m | 5703466242087 |
| 088L5405 | 215 W | 1,05 m ² | 246 Ω | 0,5 x 2,1 m | 5703466242094 |
| 088L5410 | 285 W | 1,45 m ² | 186 Ω | 0,5 x 2,9 m | 5703466242100 |
| 088L5415 | 430 W | 2,1 m ² | 123 Ω | 0,5 x 4,2 m | 5703466242117 |
| 088L5420 | 500 W | 2,5 m ² | 106 Ω | 0,5 x 5,0 m | 5703466242124 |
| 088L5425 | 605 W | 3,1 m ² | 87 Ω | 0,5 x 6,2 m | 5703466242131 |
| 088L5430 | 695 W | 3,45 m ² | 76 Ω | 0,5 x 6,9 m | 5703466242148 |
| 088L5435 | 845 W | 4,3 m ² | 63 Ω | 0,5 x 8,6 m | 5703466242155 |
| 088L5440 | 990 W | 4,95 m ² | 53 Ω | 0,5 x 9,9 m | 5703466242162 |
| 088L5445 | 1210 W | 6,1 m ² | 44 Ω | 0,5 x 12,2 m | 5703466242179 |
| 088L5450 | 1385 W | 7,0 m ² | 38 Ω | 0,5 x 14,0 m | 5703466242186 |
| 088L5455 | 1565 W | 7,8 m ² | 34 Ω | 0,5 x 15,6 m | 5703466242193 |
| 088L5460 | 1715 W | 8,8 m ² | 31 Ω | 0,5 x 17,6 m | 5703466242209 |
| 088L5465 | 2070 W | 10,5 m ² | 26 Ω | 0,5 x 20 m | 5703466242216 |