

GreenLine Series Specifications

Many systems look similar on paper, real-world performance is what matters.



Exclusively
Designed
in the UK

Esp.



GreenLine R290

Model 100

Model 200

Model 300

Power Supply

230V~ (all models)

Heating Condition Ambient Temp. (DB/WB): 7/6°C — Water Temp. (In/Out): 30/35°C

| Heating Capacity Range | kW | 3.10 ~ 8.90 | 5.40 ~ 14.95 | 8.00 ~ 22.00 |
|-----------------------------|----|-------------|--------------|--------------|
| Heating Power Input Range | kW | 0.65 ~ 2.10 | 1.05 ~ 3.85 | 1.60 ~ 6.90 |
| Heating Current Input Range | A | 2.90 ~ 9.20 | 4.60 ~ 16.90 | 7.00 ~ 30.30 |

Cooling Condition Ambient Temp. (DB/WB): 35/24°C — Water Temp. (In/Out): 12/7°C

| | | | | |
|-----------------------------|----|-------------|--------------|--------------|
| Cooling Capacity Range | kW | 1.20 ~ 5.72 | 3.60 ~ 10.50 | 4.20 ~ 15.00 |
| Cooling Power Input Range | kW | 0.65 ~ 2.40 | 1.12 ~ 4.47 | 1.80 ~ 7.30 |
| Cooling Current Input Range | A | 2.90 ~ 9.20 | 4.90 ~ 19.60 | 7.90 ~ 32.10 |

Hot Water Condition

Ambient Temp. (DB/WB): 20/15°C — Water Temp. (In/Out): 15/55°C

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|-------------------------------|-------------------|------------------------------|-------------------|-------------------|
| Hot Water Capacity Range | kW | 3.92 ~ 10.68 | 6.50 ~ 18.50 | 10.00 ~ 27.00 |
| Hot Water Power Input Range | kW | 0.78 ~ 2.47 | 1.27 ~ 4.65 | 1.90 ~ 7.10 |
| Hot Water Current Input Range | A | 3.40 ~ 10.80 | 5.60 ~ 20.40 | 8.30 ~ 31.20 |
| Max. Power Input | kW | 3.0 | 5.3 | 7.5 |
| Max. Current Input | A | 13.5 | 24.5 | 35.0 |
| Water Flow | m ³ /h | 1.0 | 1.7 | 2.9 |
| Refrigerant / Proper Input | kg | R290 / 0.50kg | R290 / 0.85kg | R290 / 1.30kg |
| CO ₂ Equivalent | Ton | 0.0015 | 0.0026 | 0.0039 |
| Sound Pressure (1m) | dB(a) | 43 | 42 | 48 |
| Sound Power Level (EN12102) | dB(a) | 60 | 57 | 64 |
| Operating Ambient Temperature | °C | -25 ~ 43°C | | |
| Max. Water Temperature | °C | 75°C | | |
| Fan Quantity | / | 1 | 1 | 2 |
| Fan Motor Type | / | DC | | |
| Water Connection | Inch | 1 | | |
| Water Pressure Drop (Max.) | kPa | 20 | 20 | 64 |
| Circulation Pump | / | DC | | |
| Circulation Pump Water Head | M | 7.5 | 7.5 | 12.5 |
| ErP Level (35°C) | / | A+++ | | |
| Cabinet Type | / | Galvanised sheet metal + ASA | | |
| Unit Dimensions (L × W × H) | mm | 1167 × 407 × 795 | 1287 × 458 × 928 | 1250 × 540 × 1330 |
| Shipping Dims (L × W × H) | mm | 1300 × 485 × 940 | 1420 × 540 × 1080 | 1380 × 570 × 1480 |