

## Technical spec.

| Model  |        | C4              | C5/D5/E5    | C7/D7/E7 | C9/D9/E9 | D11/E11  |
|--|--------|-----------------|-------------|----------|----------|----------|
| Emitted /Supplied output at 0/35°C <sup>1</sup>                        | kW     | 4.0/1.0         | 5.6/1.3     | 7.7/1.7  | 8.6/1.9  | 11.2/2.6 |
| Emitted /Supplied output at 0/50°C <sup>1</sup>                        | kW     | 3.3/1.1         | 4.8/1.5     | 6.6/2.0  | 8.2/2.8  | 10.9/3.8 |
| Nominal flow heating medium  | l/s    | 0.13            | 0.18        | 0.26     | 0.29     | 0.38     |
| Nominal flow cooling medium  | l/s    | 0.22            | 0.31        | 0.46     | 0.50     | 0.64     |
| Permitted ext. pressure drop heating medium                            | kPa    | 28              | 24          | 21       | 25       | 25       |
| Permitted ext. pressure drop cooling medium                            | kPa    | 32              | 47          | 41       | 45       | 79       |
| Max pressure radiator system   | bar    | 1,5             |             |          |          |          |
| Max pressure cooling medium system                                     | bar    | 4               |             |          |          |          |
| Highest outgoing heating medium temp.                                  | C      | 55              |             |          |          |          |
| Operating temperature heat transfer system                             | C      | -5 to +20       |             |          |          |          |
| Integrated heat / HTF pump   |        | Yes             |             |          |          |          |
| Electrical connection  |        | 400V, N3-phase  |             |          |          |          |
| Add. heat reconnectable C/E-model                                      | kW     | 3.0 / 6.0 / 9.0 |             |          |          |          |
| Fuse size D-model  | AT     | -               | 10          |          |          |          |
| Fuse size C/E-model. Depends on electrical additional heat             |        |                 |             |          |          |          |
| Electric water heater 6 kW   | AT     | 16              | 16          | 16       | 20       | 20       |
| Electric water heater 9 kW   | AT     | 20              | 20          | 20       | 25       | 25       |
| Electric element 15.75   | AT     | -               | -           | -        | -        | -        |
| Compressor   |        | Piston          |             |          | Scroll   |          |
| Refrigerant R407C  | kg     | 1,0             | 1,2         | 1,3      | 1,4      | 1,6      |
| Connection, heating medium   | Cu/DN  | 22              |             |          |          |          |
| Connection cooling medium  | Cu/DN  | 28              |             |          |          |          |
| Dimensions D/E-model (WxDXH)   | mm     | -               | 600x450x600 |          |          |          |
| Weight D/E-model   | kg     | -               | 160         |          | 180      |          |
| Dimensions C-model (WxDXH)   | mm     | 600x600x1770    |             |          |          | -        |
| Weight C-model   | kg     | 180/150         | 220/190     |          |          | -        |
| Copper/Stainless hw-cylinder   |        |                 |             |          |          |          |
| Integrated double-shelled hw-cylinder on C-models Copper or stainless* |        | Yes             |             |          |          | -        |
| Domestic hot water C-model   | litres | 165             |             |          |          | -        |
| Control unit   |        | Rego 600        |             |          |          |          |

<sup>1</sup> Output data at 0/35°C and 0/50°C are stated in accordance with the European standard EN 255. Additional heat is not included.

\* Anode included with C-models with stainless hw-cylinder.

## Sensor table

The table shows the resistance of all sensors at different temperatures.

| Temperature °C | kΩ     | Temperature °C | kΩ     | Temperature °C | kΩ    |
|----------------|--------|----------------|--------|----------------|-------|
| -40            | 154.30 | 5              | 11.900 | 50             | 1.696 |
| -35            | 111.70 | 10             | 9.330  | 55             | 1.405 |
| -30            | 81.70  | 15             | 7.370  | 60             | 1.170 |
| -25            | 60.40  | 20             | 5.870  | 65             | 0.980 |
| -20            | 45.10  | 25             | 4.700  | 70             | 0.824 |
| -15            | 33.95  | 30             | 3.790  | 75             | 0.696 |
| -10            | 25.80  | 35             | 3.070  | 80             | 0.590 |
| -5             | 19.77  | 40             | 2.510  | 85             | 0.503 |
| 0              | 15.28  | 45             | 2.055  | 90             | 0.430 |