



Tulip

# Tulip Next 50.3: The smart heat pump, ready for tomorrow

Datasheet

Together we **connect.**

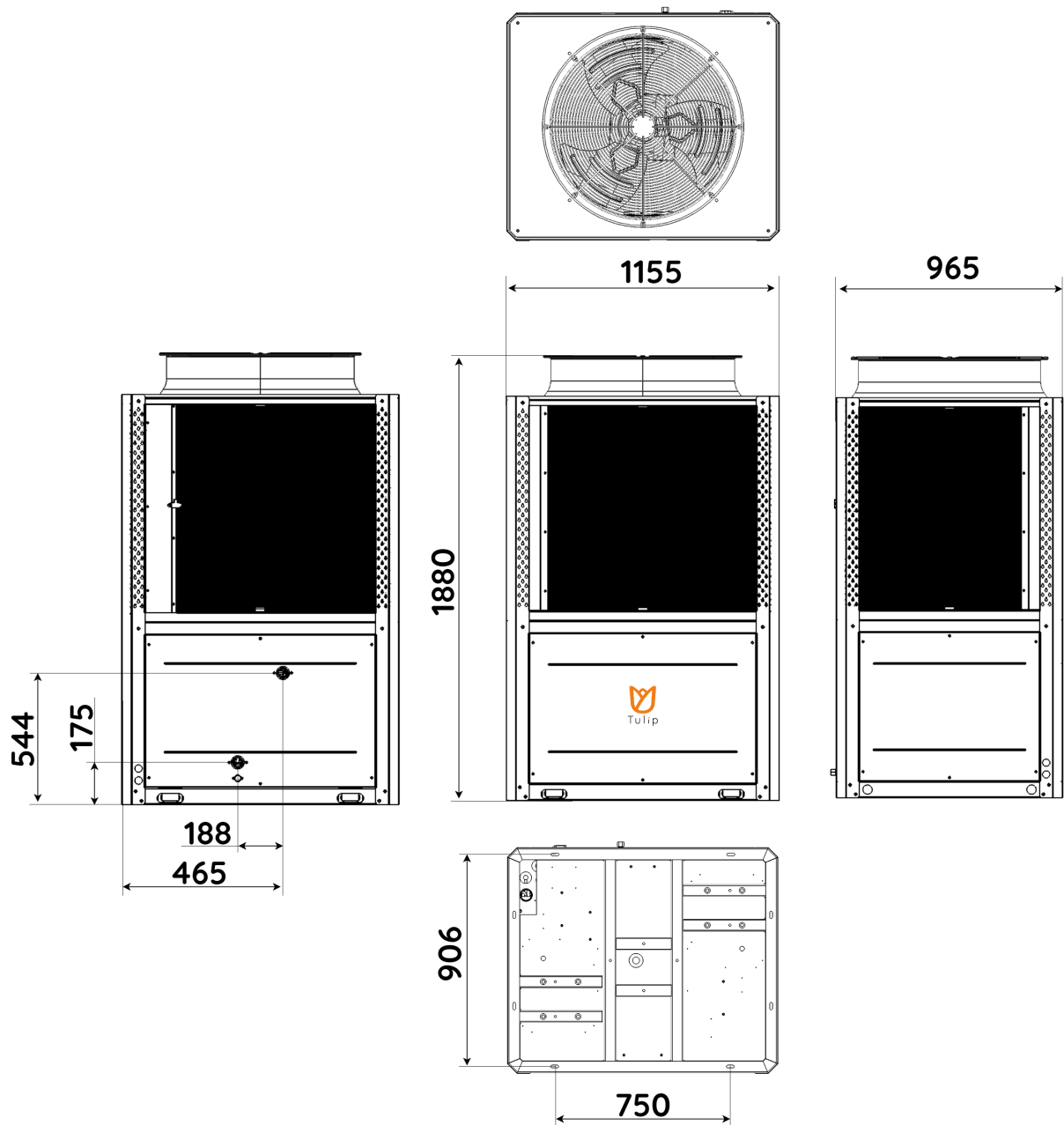
# Features

The **Tulip Next** R290 is designed for large-scale installations with high capacity requirements, such as commercial and non-residential projects. With a capacity of up to approximately 50 kW, R290 refrigerant and an A++ energy label, this heat pump offers a powerful and sustainable solution. The maximum water temperature of 75 °C ensures a wide range of applications. Despite its high output, installation remains efficient and straightforward thanks to the monoblock design.

- Two compressors (DC inverter)
- Scalable up to 16 units in cascade
- Cooling and heating
- Seamless connection with Tulip Connect



# Dimensions



# Specifications

| Model:                                         |                  |         | Tulip Next 50.3       |
|------------------------------------------------|------------------|---------|-----------------------|
| Power supply                                   |                  | V/Ph/Hz | 380~415/3/50          |
| Nominal heating capacity<br>(A-7/6°C,W30/34°C) | Heating capacity | kW      | 31.31                 |
|                                                | Power input      | kW      | 9.89                  |
|                                                | Current input    | A       | 17.22                 |
| Nominal heating capacity<br>(A7/6°C,W30/35°C)  | Heating capacity | kW      | 48.17 (17.56 - 55.30) |
|                                                | Power input      | kW      | 12.33 (3.15 - 14.85)  |
|                                                | Current input    | A       | 17.79 (4.55 - 21.43)  |
| Nominal heating capacity<br>(A7/6°C,W47/55°C)  | Heating capacity | kW      | 47.74 (19.95 - 51.20) |
|                                                | Power input      | kW      | 17.22 (5.80 - 19.20)  |
|                                                | Current input    | A       | 24.85 (8.37 - 27.71)  |
| Nominal heating capacity<br>(A35/24°C,W12/7°C) | Koelcapaciteit   | kW      | 29.20 (10.06 - 32.12) |
|                                                | Power input      | kW      | 11.92 (3.97 - 13.30)  |
|                                                | Current input    | A       | 17.21 (5.73 - 19.20)  |
| COP                                            |                  | /       | 3.90                  |
| ErP level at 35 °C leaving water temperature   |                  | /       | A++                   |
| Max. power input                               |                  | kW      | 19.84                 |
| Max. current input                             |                  | A       | 30.30                 |
| Refrigerant / charge                           |                  | /       | R290 / 2,40 * 2       |
| Nominal water flow                             |                  | m³/h    | 8.60                  |
| Number of fans                                 |                  | /       | 1                     |
| Fan motor type                                 |                  | /       | DC inverter           |
| Compressor                                     |                  | /       | DC inverter           |
| Circulation pump                               |                  | /       | Not built-in          |
| IP rating                                      |                  | /       | IPX4                  |
| Sound pressure level at 1 meter distance       |                  | dB(A)   | 66                    |
| Max. outlet water temperature                  |                  | °C      | 75                    |
| Water connections                              |                  | /       | DN 32 (1-1/2")        |
| Max. water-side pressure drop                  |                  | kPa     | 65                    |
| Operating temperature range, heating mode      |                  | °C      | -25-45                |
| Operating temperature range, cooling mode      |                  | °C      | 16-45                 |
| Dimensions (LxDxH)                             |                  | mm      | 1155x990x1880         |
| Net weight                                     |                  | kg      | 500                   |

# Tulip Wise

Where innovation blooms  
and energy flows!

Scan me!



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