

# CLIVET AIR SOURCE HEAT PUMP PACKAGE

## A COMPLETE RANGE OF SOLUTIONS

### HOT WATER STORAGE CYLINDERS



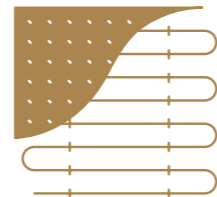
### BUFFER & THERMAL STORES



### ELECTRIC BOILER PACKAGES



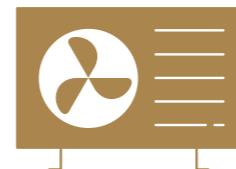
### UNDERFLOOR HEATING SYSTEMS



### SOLAR THERMAL SYSTEM PACKAGES



### AIR SOURCE HEAT PUMP PACKAGES



Compact air source heat pump, heating & domestic hot water package, with pre-plumbed, indirect, unvented stainless-steel hot water storage cylinder.



# CLIVET AIR SOURCE HEAT PUMP PACKAGE

## FEATURES & BENEFITS

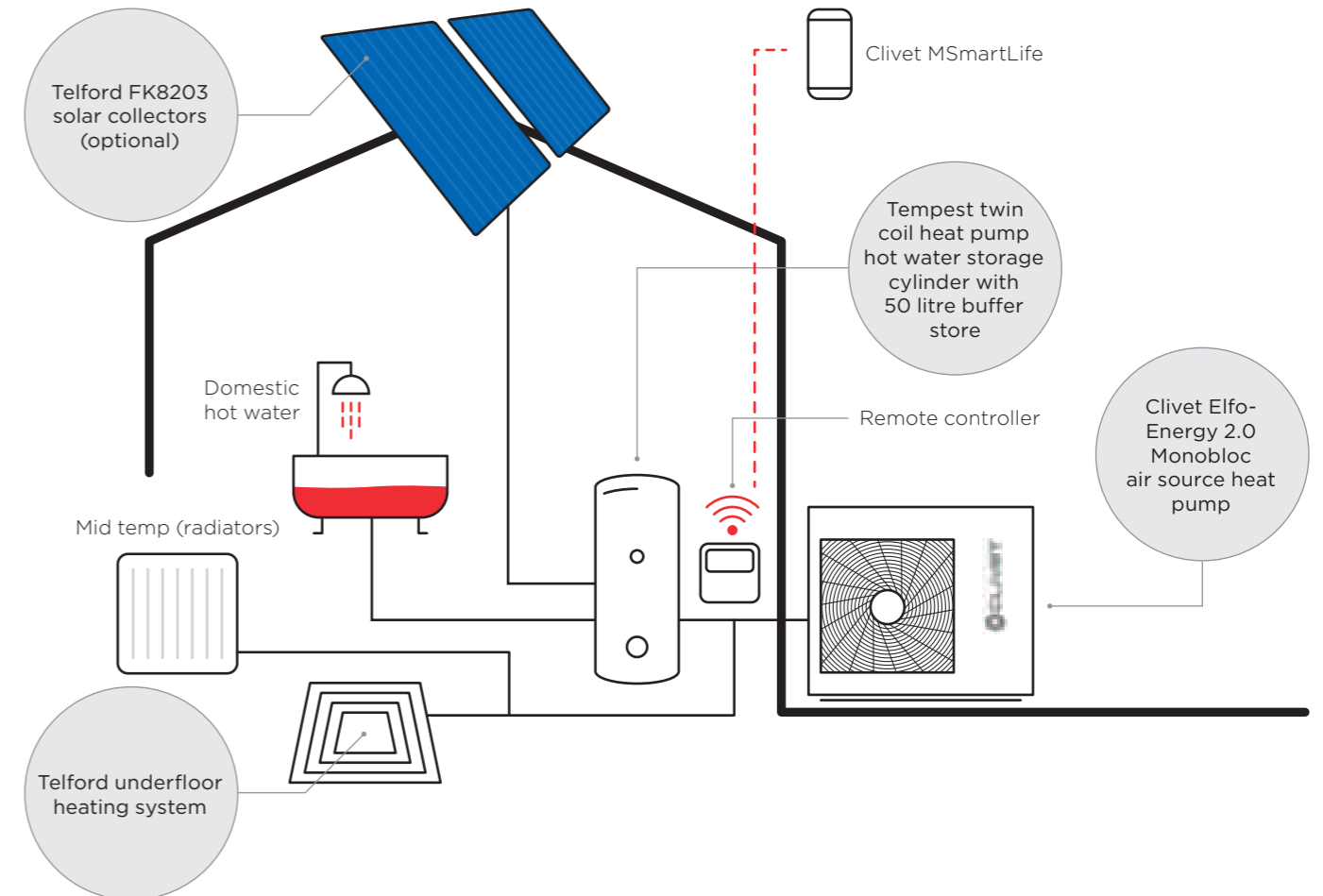
The Clivet air-to-water air source heat pump package is a highly efficient, low carbon alternative to traditional heating and hot water systems, offering powerful heating even at temperatures of -25°C. The Duplex stainless-steel cylinders feature a purpose-designed coil which allows maximum heat transfer of renewable energy into the stored water. Factory-fitted 3 kW immersion heaters provide back-up heat.

- ✓ High performance heating & hot water solution
- ✓ Underfloor heating, traditional radiators & domestic hot water up to 60°C
- ✓ External Clivet Elfo-Energy 2.0 monobloc unit in single phase outputs from 4kW to 16kW
- ✓ Single fan units on all outputs
- ✓ High energy-efficiency - ERP A+++ / A++
- ✓ Reduces heating bills & carbon emissions
- ✓ Wide operation range
- ✓ DC Inverter technology matches load to energy demand
- ✓ Smart-grid and photovoltaic function
- ✓ R32 environmentally sustainable refrigerant
- ✓ All-in-one concept - no refrigerant piping work
- ✓ Can be retrofitted alongside an existing heating system
- ✓ Easy installation, maintenance & commissioning
- ✓ Control remotely from anywhere with MSmartLife app
- ✓ MCS approved
- ✓ Pre-plumbed cylinder with pre-fabricated pipework, wiring and an integrated 50 litre buffer
- ✓ Cylinders available in 170-300 litre capacities
- ✓ Supplies mains pressure hot water and high flow rates
- ✓ 7 year manufacturers warranty on air source heat pump & lifetime on cylinder inner container (2 years on components)\*



\* Terms & conditions apply

## TECHNICAL DATA



|                                |                            | Clivet Elfo-Energy 2.0 Model |              |      |       |           |       |       |        |
|--------------------------------|----------------------------|------------------------------|--------------|------|-------|-----------|-------|-------|--------|
| Description                    | Unit                       | 4 kW                         | 6 kW         | 8 kW | 10 kW | 12 kW     | 14 kW | 16 kW |        |
| Nominal Capacity Heating       | LWT 35°C at OAT 7°C        | kW                           | 6.25         | 7.40 | 9.10  | 10.32     | 14.57 | 15.45 | 16.79  |
|                                | LWT 50°C at OAT 7°C        | kW                           | 5.19         | 6.86 | 8.43  | 9.88      | 13.90 | 14.97 | 16.00  |
|                                | LWT 35°C at OAT -5°C       | kW                           | 5.01         | 6.03 | 7.68  | 8.79      | 11.29 | 12.46 | 13.98  |
|                                | LWT 50°C at OAT -5°C       | kW                           | 4.06         | 5.04 | 7.34  | 8.03      | 10.77 | 11.17 | 12.94  |
| COP Heating                    | LWT 35°C at OAT 7°C        | kW                           | 4.96         | 4.76 | 5.07  | 4.93      | 4.69  | 4.59  | 4.43   |
|                                | LWT 50°C at OAT 7°C        | kW                           | 3.01         | 3.17 | 3.17  | 3.22      | 3.14  | 3.11  | 3.17   |
|                                | LWT 35°C at OAT -5°C       | kW                           | 3.27         | 3.09 | 3.22  | 3.33      | 2.92  | 2.99  | 2.86   |
| Outdoor Air Temperature Range  | Heating                    | °C                           |              |      |       |           |       |       | -25-35 |
|                                | DHW                        | °C                           |              |      |       |           |       |       | -25-43 |
|                                | Heating                    | °C                           |              |      |       |           |       |       | 12-65  |
| Water Outlet Temperature Range | DHW                        | °C                           |              |      |       |           |       |       | 10-60  |
|                                | Dimensions (Unit)          | W x H x D                    | mm           |      |       | mm        |       |       |        |
| Net Weight (Unit)              |                            | Kg                           | 98 / 121     |      |       | 121 / 148 |       |       |        |
| Sound Power Level Heating      | Heating LWT35°C at OAT 7°C | dB(A)                        | 55           | 58   | 59    | 60        | 65    | 65    | 68     |
| Refrigerant                    | Type                       |                              | R32 - 1.75kg |      |       |           |       |       |        |

Notes:  
Performances are in accordance with EN14511  
LWT: Leaving Water Temperature • OAT: Outdoor Air Temperature