

- Mains pressure domestic hot water, at up to 6 bar pressure.
- Effective hot water at lower storage temperatures.
- Legionella safe hot water at lower storage temperatures.
- Connection to combination boiler for after-heating of DHW.
- Connection to solar panels and flue heat recovery as standard.
- Optional connection to wood burners, heat pumps, and/or gas/oil boiler.
- Optional provision of central heating.

Cylinder:

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|--------------------------|----------------------------|
| Capacity | 200 litres |
| Diameter | 533mm |
| Height | 1500mm |
| Test Pressure | 9 bar |
| Maximum Working Pressure | 6 bar |
| Material | 316 Duplex Stainless 1.0mm |
| Welding | Laser |
| Insulation | 40mm CFC Free Polyurethane |
| Casing | Rotary Wound |

Solar Heat Exchanger:

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|--------------|-----------------------|
| Type | Finned Stainless Coil |
| Surface Area | 0.6m ² |

DHW Heat Exchanger:

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|--------------------------|------------------------------|
| Type | Twin IC8-40 External PHEs |
| Surface Area | 1.67m ² |
| Test Pressure | 48 bar |
| Maximum Working Pressure | 16 bar |
| Material | 316 Stainless, Copper Brazed |
| Pressure Drop | 25kPa at 30 lpm |
| Maximum Flow Rate | 45 lpm |

Connections:

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|------------------|---------------|
| Solar | 22mm (x2) |
| Wood Burner | 1"FI (x2) |
| Heat Recovery | 22mm (x2) |
| Boiler | 3/4"mm (x2) |
| Central Heating | 22mm (x2) |
| Sensor Pockets | 1/2"FI (x4) |
| Immersion Heater | 2 1/4"FI (x1) |
| DHW | 22mm (x2) |
| Cold Feed / Vent | 3/4"FI (x2) |
| Drain | 1/2"FI (x1) |

Controls:

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|-------------------------|---|
| Pumps | Fitted and wired (Wilo) |
| Flow Sensor | Magnetic (Reed Switch) |
| Wiring | All components are factory wired and tested. Heat resistant cable throughout. Power supply cable provided. 3Amp, 240vac supply required. |
| Immersion Heater | 3kW fitted, with integral dry-fire and overheat protection. 16Amp, 240vac supply required. |
| Main Controller (type1) | Resol ES: Independent control of solar and flue capture systems. Afterheat function based on store temperature. |
| Main Controller (type2) | Crouzet Millennium 3: Independent control of solar and flue capture systems. Variable pump speed control for DHW temperature regulation. Afterheat function based on store temperature and DHW output temperature sensing, with pre-heat supply temperature limitation. Option for alarm signals via GSM modem. |

Patent Applied For



