ideal HEATING

MADE IN THE UK

# Ideal Heat Pump Cylinder.

## HEAT PUMP STANDALONE CYLINDER


- Industry leading reheat times
- Designed for use with air source heat pumps
- Lightest Cylinder on the Market
- 25 year warranty*
- UK Dimensions: Standard & Slimline
- Highly efficient multi-coil heat exchanger

**SUPPLIED WITH G3 KIT**

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*25 year part warranty on the stainless steel cylinder, 2 year parts and labour warranty on components.

# Technical Specification.

## IDEAL HEAT PUMP CYLINDERS - STANDARD

| | | HP 150 DHW | HP 180 DHW | HP 210 DHW | HP 250 DHW | HP 300 DHW |
|---|---|---|---|---|---|---|
| Ideal Product Code | | 242898 | 219433 | 219434 | 219435 | 219436 |
| Energy efficiency class | | B | B | B | B | C |
| Heat Loss | watts | 44 | 49 | 55 | 63 | 72 |
| | kWh/24h | 1.07 | 1.18 | 1.33 | 1.52 | 1.74 |
| Capacity - total volume | litres | 148 | 170 | 197 | 238 | 279 |
| Weight - empty/full | kg | 44/185 | 34/212 | 38/235 | 43/281 | 47/326 |
| Height | mm | 1118 | 1306 | 1494 | 1744 | 1990 |
| Diameter | mm | 550 | 550 | 550 | 550 | 550 |
| Primary heat exchanger surface area | m² | 1.6 | 2.5 | 2.5 | 3 | 3 |
| Heat up time from 10°C to 50°C* | min | 22.56 | 22.56 | 30.6 | 27.34 | 35.05 |
| V40** | litres | 198.2 | 270 | 303 | 373 | 406 |

## IDEAL HEAT PUMP CYLINDERS - SLIMLINE

| | | HP 150 SL DHW | HP 180 SL DHW | HP 210 SL DHW |
|---|---|---|---|---|
| Ideal Product Code | | 242899 | 219437 | 219438 |
| Energy efficiency class | | B | B | C |
| Heat Loss | watts | 50 | 58 | 65 |
| | kWh/24h | 1.21 | 1.4 | 1.55 |
| Capacity - total volume | litres | 145 | 169 | 188 |
| Weight - empty/full | kg | 46/191 | 38/207 | 40/228 |
| Height | mm | 1519 | 1791 | 1963 |
| Diameter | mm | 475 | 475 | 475 |
| Primary heat exchanger surface area | m² | 1.8 | 3.0 | 3.0 |
| Heat up time from 10°C to 50°C* | min | 22.26 | 21.81 | 23.68 |
| V40** | litres | 215.7 | 291 | 306 |

Technical Help:

**01482 498663**

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*Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C).

The relative heat up times stated are based on the HWA test referenced above and carried out on all cylinders within the range. The stated test value may not reflect real life performance within a residential environment.

**V40, BS EN 12897