



| | |
|------------------------|----------------|
| Heat pump Manufacturer | Ideal |
| Heat pump Model number | AH750667 |
| Heat pump type | Monobloc |
| Heat pump model name | Logic Air 10kW |

Capacity information:

| Flow temp V | | | | | | |
|-------------|-------|------|------|------|------|------|
| Ext temp V | 30°C | 35°C | 40°C | 45°C | 50°C | 55°C |
| -7°C | 9.49 | 9.53 | 9.39 | 9.24 | 9.07 | 8.5 |
| -2°C | 10.05 | 9.9 | 9.67 | 9.44 | 9.2 | 8.78 |
| 2°C | 10.5 | 10.2 | 9.9 | 9.6 | 9.3 | 9 |
| 7°C | 10 | 10 | 10 | 10 | 10 | 10 |

Further information:

| Dimensions | |
|--------------|--------|
| Height | 1008mm |
| Width | 1095mm |
| Depth | 518mm |
| Weight (Net) | 110kg |

| Efficiency | | |
|-------------------|-----------|------|
| MCS Listed SCOP @ | 35°C flow | 4.57 |
| | 40°C flow | 4.46 |
| | 45°C flow | 4.35 |
| | 50°C flow | 4.00 |
| | 55°C flow | 3.65 |

| MCS Certificate number(s) |
|---------------------------|
| KIWA 00027/022 HP |

| Hydronics | |
|------------------------------------|-------------|
| Minimum water content of system | 40 Litres |
| Nominal flow-rate | 28.67 l/min |
| Pressure drop after heat exchanger | 52.9 kPa |
| Connection size | 1" BSP Male |
| Typical primary pipework size* | 28mm |
| Integral expansion vessel capacity | N/A |

| | |
|-----------------------|---------|
| Max sound power level | 55dB(A) |
|-----------------------|---------|

| Flow temperature | PCDB index number |
|------------------|-------------------|
| 35°C | 106754 |
| 45°C | 106753 |
| 55°C | 106752 |

| Coastal location restriction |
|--------------------------------------|
| Do not install within 1km of the sea |

| Refrigerant | |
|-------------|------|
| Type | R32 |
| Quantity | 1.47 |

| ENA Info | |
|-------------------------------------|------------------|
| Connect and notify/apply to connect | Connect & notify |
| ENA database reference | HP_2716 |

| Electrical | |
|---------------------|-----------------|
| Breaker needed | 32A Type B RCBO |
| Min isolator rating | 32A |

| Acceptable antifreeze arrangement |
|-----------------------------------|
| Anti-freeze valves or glycol |

| Warranty |
|---|
| 2 years standard - Up to 7 years depending on circumstances |

*subject to full hydronic design