

# Joule-Samsung 8kW Monobloc Air Source Heat Pump

## HHSM-G600008-1

### Solution Key Features

- 7 year Warranty
- SCOP: Best on MCS Database – 4.52
- 65°C Hot Water
- <48DbdB - Quietest System on the Market
- 8Kw Outputs
- Low GWP Refrigerant – R32



| SYSTEM PRICE |                      |                                                    | INDOOR UNIT               |                              |                                 |           |             |
|--------------|----------------------|----------------------------------------------------|---------------------------|------------------------------|---------------------------------|-----------|-------------|
| Ref Code     | Ref Code Description |                                                    | Dimensions<br>(H x W x D) | Breaker<br>(A) <sup>*2</sup> | Pipe Size<br>(mm) <sup>*3</sup> | Price (£) |             |
| Packaged     |                      |                                                    |                           |                              |                                 |           |             |
| HXSM-G6-012  | (HXSM-G6-017)        | SAMSUNG MONO 8 - 6.37KW 1PH 180L COMPACT           | 1600 x 595 x 680          | 16 & 16                      | 28 / 22                         | £5,897.49 | (£6,297.49) |
| HXSM-G6-132  | (HXSM-G6-137)        | SAMSUNG MONO 8 - 6.37KW 1PH 230L COMPACT           | 1600 x 595 x 680          | 16 & 16                      | 28 / 22                         | £5,897.49 | (£6,297.49) |
| Pre-Plumbed  |                      |                                                    |                           |                              |                                 |           |             |
| HXSM-G6-034  | (HXSM-G6-051)        | SAMSUNG MONO 8 - 6.37KW 1PH 150L STANDARD          | 1130 x 683 x 730          | 16 & 16                      | 28 / 22                         | £5,250.96 | (£5,650.96) |
| HXSM-G6-035  | (HXSM-G6-052)        | SAMSUNG MONO 8 - 6.37KW 1PH 170L STANDARD          | 1256 x 683 x 730          | 16 & 16                      | 28 / 22                         | £5,316.56 | (£5,716.56) |
| HXSM-G6-036  | (HXSM-G6-053)        | SAMSUNG MONO 8 - 6.37KW 1PH 200L STANDARD          | 1508 x 683 x 730          | 16 & 16                      | 28 / 22                         | £5,380.98 | (£5,780.98) |
| HXSM-G6-037  | (HXSM-G6-054)        | SAMSUNG MONO 8 - 6.37KW 1PH 250L STANDARD          | 1760 x 683 x 730          | 16 & 16                      | 28 / 22                         | £5,464.29 | (£5,864.29) |
| HXSM-G6-023  | (HXSM-G6-028)        | SAMSUNG MONO 8 - 6.37KW 1PH 150L SLIMLINE          | 1515 x 648 x 645          | 16 & 16                      | 28 / 22                         | £5,250.96 | (£5,650.96) |
| HXSM-G6-024  | (HXSM-G6-029)        | SAMSUNG MONO 8 - 6.37KW 1PH 170L SLIMLINE          | 1689 x 648 x 645          | 16 & 16                      | 28 / 22                         | £5,316.56 | (£5,716.56) |
| HXSM-G6-067  | (HXSM-G6-081)        | SAMSUNG MONO 8 - 6.37KW 1PH 210L SOLAR             | 1510 x 545                | 16 & 16                      | 28 / 22                         | £5,578.99 | (£5,978.99) |
| HXSM-G6-068  | (HXSM-G6-082)        | SAMSUNG MONO 8 - 6.37KW 1PH 250L SOLAR             | 1760 x 545                | 16 & 16                      | 28 / 22                         | £5,936.14 | (£6,336.14) |
| HXSM-G6-069  | (HXSM-G6-083)        | SAMSUNG MONO 8 - 6.37KW 1PH 300L SOLAR             | 1980 x 545                | 16 & 16                      | 28 / 22                         | £6,364.71 | (£6,764.71) |
| Standalone   |                      |                                                    |                           |                              |                                 |           |             |
| HXSM-G6-002  | (HXSM-G6-007)        | SAMSUNG MONO 8 - 6.37KW 1PH SO SYS                 | 422 x 393 x 87            | Via ODU or 16                | 28 / 22                         | £3,641.79 | (£4,041.79) |
| Buffer       |                      |                                                    |                           |                              |                                 |           |             |
| HXSM-G6-095  | (HXSM-G6-110)        | SAMSUNG MONO 8 - 6.37KW 1PH JOULE HP MONO 180/60L  | 1870 x 540                | 16 & 16                      | 28 / 22                         | £6,102.28 | (£6,502.28) |
| HXSM-G6-096  | (HXSM-G6-111)        | SAMSUNG MONO 8 - 6.37KW 1PH JOULE HP MONO 200/60L  | 1980 x 540                | 16 & 16                      | 28 / 22                         | £6,166.69 | (£6,566.69) |
| HXSM-G6-097  | (HXSM-G6-112)        | SAMSUNG MONO 8 - 6.37KW 1PH JOULE HP MONO 250/90L  | 1670 x 600                | 16 & 16                      | 28 / 22                         | £6,250.00 | (£6,650.00) |
| HXSM-G6-123  | (HXSM-G6-127)        | SAMSUNG MONO 8 - 6.37KW 1PH JOULE HP MONO 300/130L | 1850 x 710                | 16 & 16                      | 28 / 22                         | £7,150.00 | (£7,607.14) |

# Joule Air Source Heat Pumps - Monobloc Package Prices

## Outdoor Unit Key Technical Features

- Dimensions HxWxD (mm): 998 x 940 x 330\*1
- Sound Pressure Level at 1m: 48 dBA
- ErP: A+++ (35°C)
- Breaker: 25 Amp
- Recommended pipe size: 28mm
- Nominal flow rate: 24L/min

| INCLUDED COMPONENTS |                                            |          |             |            |        |
|---------------------|--------------------------------------------|----------|-------------|------------|--------|
| Type                | Description                                | Packaged | Pre-Plumbed | Standalone | Buffer |
| Electrical          | Immersion Heater                           | ●        | ●           |            | ●      |
|                     | Wifi ready System Controller               | ●        | ●           | ●          | ●      |
|                     | Water Temperature Thermistor               | ●        | ●           | ●          | ●      |
|                     | Flow & Return Water Temperature Thermistor | ●        | ●           | ●          | ●      |
| Mechanical          | Filter Y-Strainer                          | ●        | ●           | ●          | ●      |
|                     | Insulated Flexible Connection Pipes        | ●        | ●           | ●          | ●      |
|                     | Flow Sensor                                | ●        | ●           | ●          | ●      |
|                     | Primary Circulating Pump                   | ●        | ●           |            | ●      |
|                     | Heating Circulating Pump                   | ●        | ●           |            | ●      |
|                     | Zone Valves                                | ●        | ●           |            | ●      |
|                     | Low Loss Header                            |          | ●           |            |        |
|                     | Buffer Tank                                |          |             |            | ●      |
|                     | Domestic Hot Water Expansion Vessel        | ●        | ●           |            | ●      |
|                     | Primary Expansion Vessel                   | ●        |             |            |        |
|                     | Primary System Pressure Gauge              | ●        | ●           |            | ●      |
|                     | Filling Loop                               | ●        | ●           |            | ●      |
|                     | Automatic Air-Vent                         | ●        | ●           |            | ●      |
|                     | Drain Valve                                | ●        | ●           |            | ●      |
|                     | Pressure Reducing Valve                    | ●        | ●           |            | ●      |
|                     | Temperature / Pressure Relief Valve        | ●        | ●           |            | ●      |
|                     | Tundish                                    | ●        | ●           |            | ●      |

\*1 exc. grille. \*2 Recommended breaker rating for outdoor unit / Indoor unit  
\*3 Outdoor unit F&R / Indoor unit F&R.