SAMSUNG

PRODUCT SPECIFICATION

# Heat pump

## HHSM-G600016-1

ERP type: Heatpump | Brand: SAMSUNG




**16.0 / 15.0 kW**
Capacity at A7 / W35, A7 / W55

**A++**
Average seasonal space efficiency

**R32**
Refrigerant

### Performance & efficiency

| | |
|---|---|
| Capacity A7 W35 / A7 W55 (kW) | **16.0 / 15.0** |
| Capacity A20 W35 / A20 W55 (kW) | **0** |
| Nom. cooling capacity A35 W18 (kW) | **0** |
| COP A7 W35¹ / A7 W55² (kW)* | **4.42 / 2.90** |
| COP A20 W35¹ / A20 W55² (kW)* | **0** |
| Nom. cooling input A35 W18¹ (kW) | **0** |
| EER cooling A35 W18¹ (kW)* | **0** |
| SCOP LWT (kW)* | **0** |
| SCOP A7 W35¹ / A7 W55² (kW)* | **4.48 / 3.53** |
| SCOP A20 W35¹ / A20 W55² (kW)* | **0** |
| Seasonal space efficiency class | **A++** |
| Reheater capacity (kW) | **0** |

### Classification & annual energy

| | |
|---|---|
| Item category code | **HeatPump** |
| Product group code | **HEAT PUMP** |
| Yearly energy usage (kWh) | **0** |
| GJ annum | **0** |

* Units, ¹ / ² markers and zero values are retained as supplied. Power supply values are reproduced without adding units absent from the source.

### Electrical & water circuit

| | |
|---|---|
| Current MCA (A) | **23.0** |
| Current MFA (A) | **40.0** |
| Power supply | **220-240, 50** |
| Water flow min. / max. (l/min) | **12.0 / 58.0** |
| Leaving water, heating (°C) | **15-65** |
| Leaving water, cooling (°C) | **5-25** |

### Sound & refrigerant

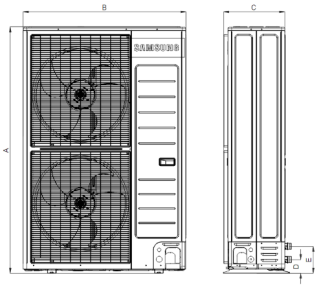
| | |
|---|---|
| Sound pressure, heating (dB_A) | **52** |
| Sound pressure, cooling (dB_A) | **54** |
| Sound power, heating std. (dB_A) | **66** |
| Sound power, cooling (dB_A) | **68** |
| Factory refrigerant charge (g) | **2200** |
| GWP value | **675** |

### Connections & ventilation

| | |
|---|---|
| LTHW connections, out (mm) | **0** |
| Vent duct connections (mm) | **0** |
| Condensate drain connection (mm) | **20** |
| Max/min vent rate, unit heating (l/m) | **0** |
| Max/min vent rate, unit vent. (l/m) | **0** |

### Dimensions

| | |
|---|---|
| A (mm) | **1420** |
| B (mm) | **940** |
| C (mm) | **384** |
| D (mm) | **84** |
| E (mm) | **152** |



Product page

joule.ie/products/samsung-air-source-heat-pumps/

**Joule UK**
Unit 3, Leftfield Park, Park Road,
Pontefract, West Yorkshire, WF8 4PS, UK

**Joule Ireland**
Unit 407 NW Business Park, Cappagh Road,
Ballycoolin, Blanchardstown, Dublin