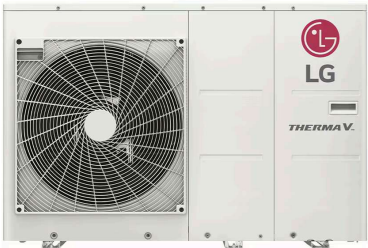


R32 Monobloc S, 1Ø, 5kW

HM051MR U44

Key Features

- All-in-one outdoor unit including all hydronic parts
- No refrigerant piping work
- ErP energy label class LWT A+++/A++ (35°C/55°C)
- High leaving water temperature up to 65°C and wide operating range down to -25°C ambient temperature
- Low sound level allowing high installation location flexibility
- Connectivity with Wi-Fi control (ThinQ), smart grid and PV/ESS



All Spec

SEASONAL EFFICIENCY DATA

Seasonal space heating eff. class (35°C / 55°C)	Seasonal space heating efficiency (ηS) (35°C / 55°C)
A+++/A++	175 / 125
SCOP (35°C / 55°C)	
4.46 / 3.20	

NOMINAL CAPACITY AND COP (A+7/W+35)

Heating capacity (kW)	COP
5.50	4.70

NOMINAL CAPACITY AND COP (A+2/W+35)

Heating capacity (kW)	COP
4.40	3.60

NOMINAL CAPACITY AND COP (A+7/W+55)

Heating capacity (kW)	COP
5.50	2.70

NOMINAL CAPACITY AND EER (A+35/W+18)

Cooling capacity (kW)	EER
5.50	4.70

NOMINAL CAPACITY AND EER (A+35/W+7)

Cooling capacity (kW)	EER
5.50	3.30

OPERATION RANGE (OUTDOOR AIR TEMPERATURE)

Heating & DHW (Min. ~ Max.) (°C)	Cooling (Min. ~ Max.) (°C)
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OPERATION RANGE (LEAVING WATER TEMPERATURE)

Heating (Min. ~ Max.) (℃)	Cooling (Min. ~ Max.) (℃)
15 ~ 65	5 ~ 27
DHW (Min. ~ Max.) (℃)	
15 ~ 80	

REFRIGERANT

Type	GWP
R32	675
Precharged amount (g)	
1,400	

PIPING CONNECTIONS (WATER)

Inlet diameter (inch)	Outlet diameter (inch)
Male PT 1"	Male PT 1"

SOUND POWER LEVEL

Rated / low noise mode (dB(A))
57 / 54

SOUND PRESSURE LEVEL AT 1M (CONVERT USING SWL)

Rated / low noise mode (dB(A))
49 / 46

SOUND PRESSURE LEVEL AT 5M (CONVERT USING SWL)

Rated / low noise mode (dB(A))
35 / 32

DIMENSION

W × H × D (mm)
1,239 × 834 × 330

WEIGHT

Empty (kg)
89.5

EXTERIOR

Color	RAL code
Warm gray	RAL 7044

POWER SUPPLY

Voltage, phase, frequency (V, Ø, Hz)

COMPLIANCE INFORMATION

 ENERGY LABEL(HM051MR)	
 UK DoC(HM051MR)	
 U.K Energy Label(HM051MR)	
 PRODUCT FICHE(HM051MR)	
 WEB INFO(HM051MR)	

MORE COMPLIANCE INFORMATION >

- The safety information for accessories is included with the safety information for the product and is not provided separately.