

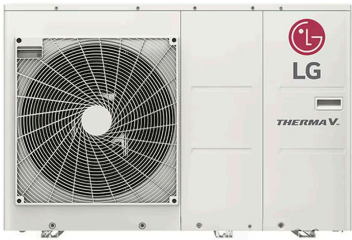


R32 Monobloc S, 1Ø, 9kW

HM091MR 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)

A+++/A++

Seasonal space heating efficiency (ηS) (35°C / 55°C)

179 / 125

SCOP (35°C / 55°C)

4.55 / 3.20

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

Heating capacity (kW)

9.00

COP

4.60

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

Heating capacity (kW)

6.80

COP

3.50

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

Heating capacity (kW)

5.50

COP

2.70

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

Cooling capacity (kW)

9.00

EER

4.60

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

Cooling capacity (kW)

9.00

EER

3.10

OPERATION RANGE (OUTDOOR AIR TEMPERATURE)

Heating & DHW (Min. ~ Max.) (°C)

Cooling (Min. ~ Max.) (°C)

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 / 55

SOUND PRESSURE LEVEL AT 1M (CONVERT USING SWL)

Rated / low noise mode (dB(A))
49 / 47

SOUND PRESSURE LEVEL AT 5M (CONVERT USING SWL)

Rated / low noise mode (dB(A))
35 / 33

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(HM091MR)	↓
 UK DoC(HM091MR)	↓
 U.K Energy Label(HM091MR)	↓
 PRODUCT FICHE(HM091MR)	↓
 WEB INFO(HM091MR)	↓

MORE COMPLIANCE INFORMATION >

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