Northmark Climate

TECHNICAL SPECIFICATION

AirSource 9 Technical Specification

Performance, dimensions and ratings

Document NM-AS9-TS · Rev. C

Valid from June 2026

Performance

All values are measured to EN 14511 and EN 14825. Seasonal values are given for the average climate zone unless stated otherwise.

Condition	Heating output	COP
A7 / W35	9.0 kW	5.02
A2 / W35	8.4 kW	4.11
A-7 / W35	9.0 kW	3.18
A7 / W55	8.6 kW	3.21
A-7 / W55	8.1 kW	2.37

Seasonal efficiency	Value
SCOP, 35 °C flow	4.86
SCOP, 55 °C flow	3.71
Energy class, 35 °C	A+++
Energy class, 55 °C	A++

Sound

Sound power level at nominal conditions is 52 dB(A). In night mode the compressor and fan speeds are limited, which reduces the sound power level to 46 dB(A) with a heating output of up to 6 kW.

Distance	Sound pressure, standard	Sound pressure, night mode
1 m	44 dB(A)	38 dB(A)
3 m	34 dB(A)	28 dB(A)
5 m	30 dB(A)	24 dB(A)

Dimensions and weight

Item	Outdoor unit	Indoor module
Height	1,020 mm	720 mm
Width	1,150 mm	440 mm
Depth	480 mm	350 mm
Weight	98 kg	34 kg

Electrical data

Item	Value
Supply	230 V / 1 ph / 50 Hz
Maximum running current	16.2 A
Recommended breaker	20 A, type C
Backup heater	3 kW, 3 steps

Refrigerant

The refrigerant circuit is hermetically sealed and factory charged with 1.1 kg of R290 (propane), which has a global warming potential of 3. No refrigerant handling is required on site.

OPERATING LIMITS

Heating operation from minus 25 °C to 35 °C outdoor temperature. Maximum flow temperature 65 °C down to minus 10 °C outdoor, 55 °C down to minus 25 °C.