

Quilt

1-Zone Outdoor Unit





Precise climate control for individual spaces

Sleek, quiet, and efficient, Quilt's 1-zone outdoor unit delivers precise climate control for a single space while giving you the flexibility to add another room in the future.

The smartest 1-zone heat pump available

Say goodbye to stubborn hot spots and chilly corners. This powerful outdoor unit delivers your perfect temperature in minutes.

SEER2	21
HSPF2 (Region IV)	10
HSPF2 (Region V)	8
EER2	13.65
CEE Tier (2025)	Tier 1 Path A & B
Energy Star™ Cold Climate	Yes
Cooling capacity range (BTU/h)	2,900 to 12,000 @ 95°F (35°C)
Heating capacity range (BTU/h)	3,360 to 12,300 @ 47°F (8°C)

Rated in accordance with AHRI standard 210/240 (AHRI #214609234)

RATING CONDITIONS

Cooling
Outdoor: DB/WB 95°F (35°C)/75°F (24°C)
Indoor: DB/WB 80°F (27°C)/67°F (19°C)

Heating
Outdoor: DB/WB 47°F (8°C)/43°F (6°C)
Indoor: DB/WB 70°F (21°C)/60°F (16°C)



Year-round comfort

Stay cool in the summer and cozy in the winter. Quilt's 1-zone outdoor unit performs at 100% capacity down to -5°F (-21°C).



The smartest way to heat and cool your home

Best-in-class variable speed compressor with a wide range of heating and cooling outputs

Uses R32, a refrigerant with a global warming potential 3 times lower than current options

Matte black exterior to blend in

Can sit on the ground outdoors or be mounted and stacked on a wall

Quieter than a conversation at 50 dBA*

Input power 208/230V, 60 Hz

* Sound pressure level tested at AHRI rating conditions. Test tolerance +/- 3 dBA

1-Zone Outdoor Unit

Model QO1-M2Z18-NC-NA

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HSPF2 (Region IV)	10
HSPF2 (Region V)	8
EER2	13.65
CEE Tier (2025)	Tier 1 Path A & B
Energy Star™ Cold Climate	Yes
Cooling capacity range (BTU/h)	2,900 to 12,000 @ 95°F (35°C)
Heating capacity range (BTU/h)	3,360 to 12,300 @ 47°F (8°C)
Indoor unit combination	1 indoor unit (QI1-M09-N-NA)
Operating altitude	Up to 6,500 ft (2,000 m)
Refrigerant type	R32
Base refrigerant charge	3 lbs 3 oz (1450 g)
Max allowed refrigerant charge	4 lbs (1800 g)
Minimum room size	None

Rated in accordance with AHRI standard 210/240 (AHRI #217882880)

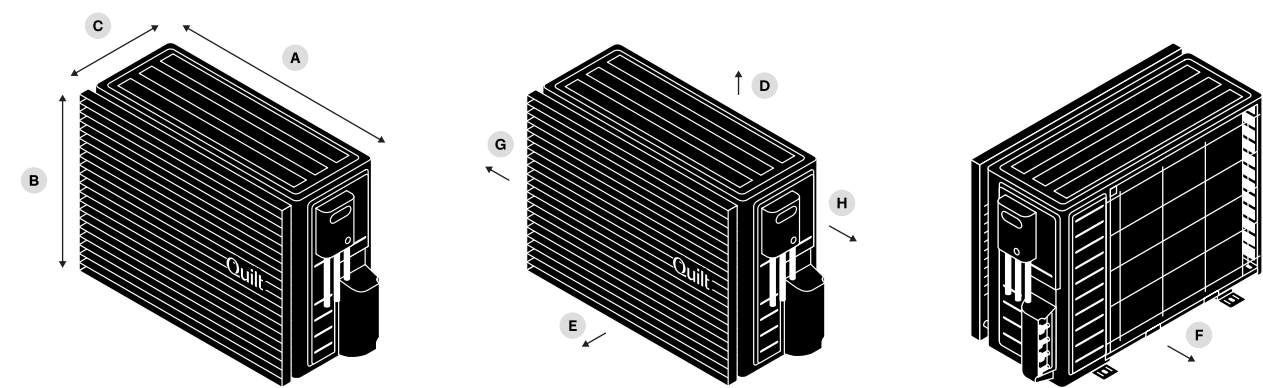
Overall dimensions*

A Width	35 1⁄16 in (890 mm)
B Height	26 9⁄16 in (675 mm)
C Depth	15 13⁄16 in (402 mm)
Weight	110 1⁄4 lbs (50 kg)

Recommended clearances

D Above	12 in (305 mm)
E Front	20 in (508 mm)
F Back	4 in (102 mm)
G Left side	4 in (102 mm)
H Right side	14 in (356 mm)

Minimum 10 in (254 mm) required



* Visual dimensions of the outdoor unit. Small features extend past this envelope.

1-Zone Outdoor Unit

Model QO1-M2Z18-NC-NA

Cooling

Operating range	41°F to 128°F (5°C to 53°C)
Rated capacity (BTU/h)	8,000 @ 95°F (35°C)
Min capacity (BTU/h)	2,900 @ 95°F (35°C)
Max capacity (BTU/h)	12,000 @ 95°F (35°C)
Latent cooling capacity @ rated (all-zones, BTU/h)	1,560
Rated COP	4 @ 95°F (35°C)

Heating

Operating range	-15°F to 86°F (-26°C to 30°C)
Rated capacity (BTU/h)	9,000 @ 47°F (8°C)
Min capacity (BTU/h)	3,360 @ 47°F (8°C)
Max capacity (BTU/h)	12,300 @ 47°F (8°C)
Cold weather capacity (BTU/h)	12,000 @ 5°F (-15°C) 9,900 @ -5°F (-21°C) 8,600 @ -13°F (-25°C)
Rated COP	4 @ 47°F (8°C) 1.9 @ 5°F (-15°C)

Electrical

Input voltage	208/230 VAC
Input voltage range	180 to 265 VAC
Rated input current	11.6 A
Number of phases	1
Frequency	60 Hz
Recommended circuit breaker	20 A (25 A max)
MCA	16 A
MOCP	25 A
Recommended wire size	Follow NEC and local AHJ code

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Line set

Gas pipe OD and recommended line set size	3/8 in (10 mm)
Liquid pipe OD and recommended line set size	1/4 in (6 mm)
Min line set length per IDU	11 2/5 ft (3.5 m)
Max line set length per IDU	98 ft (30 m)
Max cumulative line set length	164 ft (50 m)
Max height difference between IDU & ODU (requires oil S-trap every 19 1/2 ft or 6 m)	57 ft (17.5 m)
Max cumulative line set length without requiring additional refrigerant charge	49 ft (15 m)
Amount of additional charge if line set exceeds max length (above)	0.1 oz/ft (9 g/m)

Oil trap guidelines

- A 3/8 in (10 mm)
- B > 1 in (25 mm)
- C < 6 in (152 mm)

