

Quilt

3-Zone Outdoor Unit





Quilt

Powerful enough for three rooms

With performance metrics that exceed industry standards, Quilt's 3-zone outdoor unit maintains high efficiency and low turndown, capable of conditioning three rooms.

The most efficient 3-zone heat pump available

Quilt's 3-zone outdoor unit is up to 20% more efficient than average 3-zone heat pumps, ultimately saving you energy and money.

SEER2	25.3
HSPF2 (Region IV)	12
HSPF2 (Region V)	9.5
EER2	13.65
CEE Tier (2025)	Tier 1 Path A & B
Energy Star™ Cold Climate	Yes
Cooling capacity range (BTU/h)	4,350 to 32,000 @ 95°F (35°C) 2,175 to 12,750 @ 95°F (35°C) per indoor unit when 2 are running simultaneously and 1,570 to 10,670 @ 95°F (35°C) per indoor unit when 3 are running simultaneously
Heating capacity range (BTU/h)	6,140 to 40,200 @ 47°F (8°C) 3,070 to 15,250 @ 47°F (8°C) per indoor unit when 2 are running simultaneously and 2,210 to 13,400 @ 47°F (8°C) per indoor unit when 3 are running simultaneously

Rated in accordance with AHRI standard 210/240 (AHRI #217933624)

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 3-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 52 dBA*

Input power 208/230V, 60 Hz

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



3-Zone Outdoor Unit

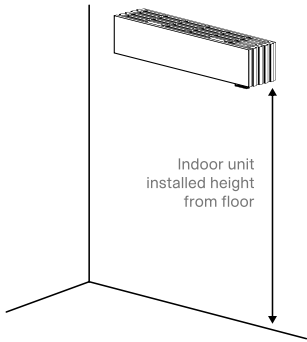
Model QO1-M3Z27-NC-NA

SEER2	25.3
HSPF2 (Region IV)	12
HSPF2 (Region V)	9.5
EER2	13.65
CEE Tier (2025)	Tier 1 Path A & B
Energy Star™ Cold Climate	Yes
Cooling capacity range (BTU/h)	4,350 to 32,000 @ 95°F (35°C) 2,175 to 12,750 @ 95°F (35°C) per indoor unit when 2 are running simultaneously and 1,570 to 10,670 @ 95°F (35°C) per indoor unit when 3 are running simultaneously
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Indoor unit combination	2 or 3 indoor units (QI1-M09-N-NA)
Operating altitude	Up to 6,500 ft (2,000 m)
Refrigerant type	R32
Base refrigerant charge	5 lbs 5 oz (2400 g)
Max allowed refrigerant charge	5 lbs 5 oz (2400 g)

Rated in accordance with AHRI standard 210/240 (AHRI #217933624)

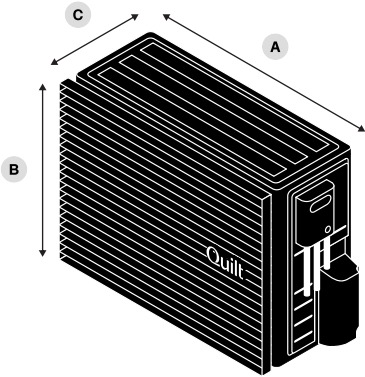
Minimum room size

Installed height	Room size
6 ft (1.8 m)	93 ft² (8.6 m²)
7 ft (2.1 m)	80 ft² (7.4 m²)
8 ft (2.4 m)	70 ft² (6.5 m²)
9 ft (2.7 m)	62 ft² (5.8 m²)



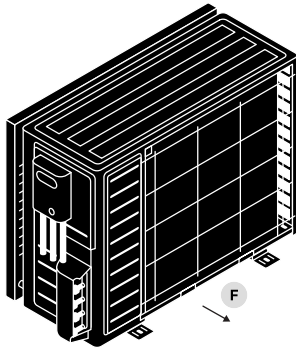
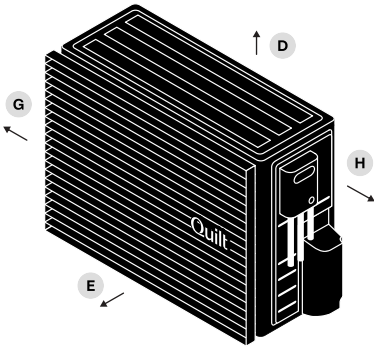
Overall dimensions*

A Width	36 9⁄16 in (929 mm)
B Height	30 7⁄16 in (773 mm)
C Depth	14 9⁄16 in (370 mm)
Weight	143 ¼ lbs (65 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.

3-Zone Outdoor Unit

Model QO1-M3Z27-NC-NA

Cooling

Operating range	41°F to 128°F (5°C to 53°C)
Rated capacity (BTU/h)	24,000 @ 95°F (35°C)
Min capacity (BTU/h)	4,350 @ 95°F (35°C) 2,175 @ 95°F (35°C) per indoor unit when 2 are running simultaneously and 1,570 @ 95°F (35°C) per indoor unit when 3 are running simultaneously.
Max capacity (BTU/h)	32,000 @ 95°F (35°C)
Latent cooling capacity @ rated (all-zones, BTU/h)	4,040
Rated COP	4 @ 95°F (35°C)

Heating

Operating range	-15°F to 86°F (-26°C to 30°C)
Rated capacity (BTU/h)	27,000 @ 47°F (8°C)
Min capacity (BTU/h)	6,140 @ 47°F (8°C) 3,070 @ 47°F (8°C) per indoor unit when 2 are running simultaneously and 2,210 @ 47°F (8°C) per indoor unit when 3 are running simultaneously
Max capacity (BTU/h)	40,200 @ 47°F (8°C)
Cold weather capacity (BTU/h)	30,000 @ 5°F (-15°C) 28,200 @ -5°F (-21°C) 23,900 @ -13°F (-25°C)
Rated COP	4.2 @ 47°F (8°C) 2 @ 5°F (-15°C)

Electrical

Input voltage	208/230 VAC
Input voltage range	180 to 265 VAC
Rated input current	19.4 A
Number of phases	1
Frequency	60 Hz
Recommended circuit breaker	25 A (40 A max)
MCA	25 A
MOCP	40 A
Recommended wire size	Follow NEC and local AHJ code

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	230 ft (70 m)
Max height difference between IDU & ODU (requires oil S-trap every 19 1/2 ft or 6 m)	98 ft (30 m)
Max cumulative line set length without requiring additional refrigerant charge	230 ft (70 m)

Oil trap guidelines

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

