Certificate #432

Home Innovation
NGBS GREEN CERTIFIED™

+WELLNESS

PANASONIC EXHAUST VENTILATION FAN; WHISPER CEILING DC, FV-0511VQ1, FV-115VQ1, FV-0511VQL1, FV1115VQL1, FV-20VQ3, FV-30VQ3

MANUFACTURED BY:

PANASONIC

These products are certified for points toward NGBS Green Certification to the ICC 700 National Green Building Standard, as detailed below.

Michael Luzier, President, Home Innovation Research Labs	06-24-2026	04-30-2027
	Certification Date	Expiration Date

This certificate is not a representation, warranty, or guarantee of product performance or certification of code compliance.
For details of the product warranty, consult the product manufacturer.

Home Innovation Research Labs | 400 Prince George's Boulevard | Upper Marlboro, MD 20774

Product: Panasonic Exhaust Ventilation Fan; Whisper Ceiling DC, FV-0511VQ1, FV-115VQ1, FV-0511VQL1, FV1115VQL1, FV-20VQ3, FV-30VQ3

Manufacturer: Panasonic

The product(s) shown on this report have been independently verified as eligible products for use in achieving points toward product certification under the ICC 700 National Green Building Standard. Home Innovation Research Labs authorizes accredited verifiers to award points toward certification without additional documentation when the product(s) is (are) used as noted below.

2020 National Green Building Standard

Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
902.1.4(1)	ENERGY STAR or equivalent fans are installed. 2 points awarded per fan; 12 points max.	2	None. 2 points per fan.	+Wellness
902.1.4(2)	ENERGY STAR or equivalent fans operating at or below 1 sone are installed. 3 points awarded per fan; 12 points max.	3	None. 3 points per fan.	
902.2.1(1)	Balanced exhaust and supply fans are installed in accordance with manufacturer's guidelines. An explanation of the operation and importance of the ventilation system is included in the homeowner or building owner manual. 6 points available.	3	System is implemented in accordance with ASHRAE 62.2-2010 Section 4. An explanation of the operation and importance of the ventilation system is included in the operation or homeowner manuals. Labels are appropriately labeled. Mandatory when maximum air infiltration is less than 5ACH50.	+Wellness

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Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
902.2.1(2)	Balanced exhaust and supply fans with supply intakes located in accordance with the manufacturer's guidelines are installed. an explanation of the operation and importance of the ventilation system is included in the homeowner or building owner manual. 6 points available.	6	System is implemented in accordance with ASHRAE 62.2-2010 Section 4. An explanation of the operation and importance of the ventilation system is included in the operation or homeowner manuals. Fans are positioned to not introduce polluted air back into the building.	+Wellness
902.1.6	Ventilation systems are implemented in accordance with the specifications of ASHRAE 62.1. An explanation of the operation and importance of the ventilation system is building owner manual. 3 points available.	3	System is installed in multifamily common areas. System is implemented in accordance with ASHRAE 62.2-2010 Section 4. An explanation of the operation and importance of the ventilation system is included in the operation or homeowner manuals.	+Wellness
13.107.7	Exhaust systems are in accordance with Chapter 5 of the ICC IMC or ASHRAE 62.1. Mandatory.	Mandatory	System is installed in non-residential space.	

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Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
13.107.8.1	Ventilation is provided to non-residential spaces in accordance with Chapter 4 of the ICC IMC or ASHRAE 62.1. Mandatory.	Mandatory	System is installed in non-residential space.	

2025 National Green Building Standard

Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
1304.5.8.1	Ventilation is provided to non-residential spaces in accordance with IMC Chapter 4 or ASHRAE 62.1.	Mandatory	System is installed in non-residential spaces.	
1304.5.7	Exhaust system is in accordance with ICC IMC and ASHRAE 62.1	Mandatory	System is installed in non-residential spaces.	

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Manufacturer: Panasonic

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Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
902.2.1(2)	Exhaust and supply fans are installed with supply intakes located in accordance with the manufacturer's guidelines so as to not introduce polluted air back into the building	6, Mandatory	System is implemented in accordance with ASHRAE 62.2-2019 or 2021 IMC. An explanation of the operation and importance of the ventilation system is included in the operation or homeowner manuals. Fans are positioned to not introduce polluted air back into the building.	
902.2.1(1)	Exhaust or supply fans are installed ready for continuous operation and with appropriately labeled controls	3, Mandatory	System is implemented in accordance with ASHRAE 62.2-2019 or 2021 IMC. An explanation of the operation and importance of the ventilation system is included in the operation or homeowner manuals. Labels are appropriately applied.	
902.1.4	Exhaust fans comply with ENERGY STAR or either IECC R403.6.2 or C403.8.5, as applicable.	Mandatory	None.	
902.1.4(1)	ENERGY STAR labeled exhaust fans designed to operate at or below 1 sone are installed	3	None. 3 points awarded per fan; 12 max.	

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Practice #	Description	Potential Points	Additional Conditions	Additional Certifications
902.1.6	Ventilation systems are in accordance with the specifications of ASHRAE 62.1 1 or IMC Chapter 4	Mandatory	System is installed in multifamily common areas. System is implemented in accordance with ASHRAE 62.2-2019 or 2021 IMC. An explanation of the operation and importance of the ventilation system is included in the operation manuals.	+Wellness

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GRESB

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GRESB is a framework widely used by commercial and multifamily organizations that measures the ESG (Environmental, Social, and Governance) performance of a company's real estate portfolio. Certification to NGBS practices indicates that this product potentially contributes to one or more GRESB Indicators.

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Eligible GRESB Indicators

DRE1 ESG strategy during development

DSE1 Health and Well-being

DRE1 ESG strategy during development

DSE1 Health and Well-being

This list is based on the 2025 version of the GRESB Real Estate Standard and Reference Guide.

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