

Specification Submittal Data / Panasonic Ventilation Fan

UL listed ceiling or wall mount Energy Recovery • Attractive design using ABS material. Ventilator provides a tempered air supply, humidity control, and a balanced amount of

exhaust to help maintain neutral pressure throughout the home. Panasonic ERV shall not be installed in a bathroom. Only one unit is needed for a 1,750 sq. ft. 2 bedroom home to **Architectural Specifications:**

• Fully enclosed AC condenser motor rated for as tested in accordance with HVI 915 and 916 continuous run.

 Power rating shall be 120 volts and 60 Hz. • Two highly efficient blower wheels running on than 23 watts. Apparent Sensible Effectiveness single motor for lower power consumption and for heating shall be no less than 66% at 30 FV-04VE1 Motor equipped with thermal cut-off fuse

 Rust proof paint, galvanized steel body. Dual 4" intake and exhaust ducts. Built in backdraft damper on exhaust duct. • Filters on supply and exhaust air extend the life of the ERV core. • Expandable mounting bracket up to 16" on and WA Ventilation Code.

Air Volume Setting

Static Pressure in inches w. g. Exhaust Air Volume (CFM) Supply Air Volume (CFM)

Noise (sones)

Power Consumption (watts)

Speed (RPM)

Current (amps)

Power Rating (V/Hz)

Total Recovery Efficiency for Cooling

 All Parts: 3 Years from original purchase date. less than 40 CFM on the exhaust port. 30 CFM on the supply port, and no more than 0.8 sone standards at 0.1 static pressure in inches water

Attaches directly to housing with torsion

FV-04VE1

--- 20 Feet ---- 40 Feet --- 60 Feet

--80 Feet

---- 100 Feet

(-7°C) to prevent freezing of the core. The motor shall be totally enclosed, AC condenser type engineered to run continuously. Power rating shall be 120v/60Hz. Duct diameter shall be no less than 4". ERV can be used to comply with ASHRAE 62.2, LEED, IAP, California Title-24,



Panasonic's capillary core technology. This process tempers supply air while transferring moisture and energy. Built in Frost Prevention Mode prevents the core from freezing. Frost Prevention Mode is free of interaction and operates without

(i) 0.50
Static Pressure (inch w/ 0.30 0.30
9 0.30 gg 0.30
0.20
0.10
0.00
0 10 20 30 40 50 60 Airflow(CFM)

For complete Installation Instructions visit us nanasonic com/ventfan

Specifications: WhisperComfort FV-04VE1

40 CFM 20 CFM 10 CFM

0.1 0.1 0.1

1479 | 1292 | 1095

0.15 0.10 0.09

120/60

66% at 30 CFM and 32°F (0°C)

36% at 29 CFM and 95°F (35°C)

Model	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

Panasonic Eco Solutions North America

Newark, NJ 07102 us.panasonic.com/ventfans



VF11081SS-04VE1

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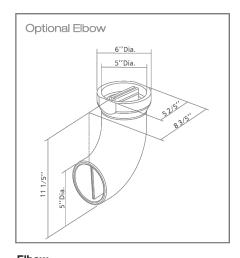


FV-WC04VE1 polypropylene wall cap with styrofoam adaptor allows both exhaust (from the right) and supply (from the left) airflow through a 5.5"-5.75" hole in the building envelope. The dividers inside the bottom portion of the Y shape chamber and the new wall cap help prevent

Exterior Wall Cap and Elbow Used

Y-Shaped Adapter (FV-WC04VE1)

Together



FV-EB04VE1 styrofoam elbow connects to the Y shaped adapter of the exterior wall cap to help simplify wall installation. The elbow also features double chambers for exhaust and supply air to help prevent cross

Panasonic Eco Solutions North America

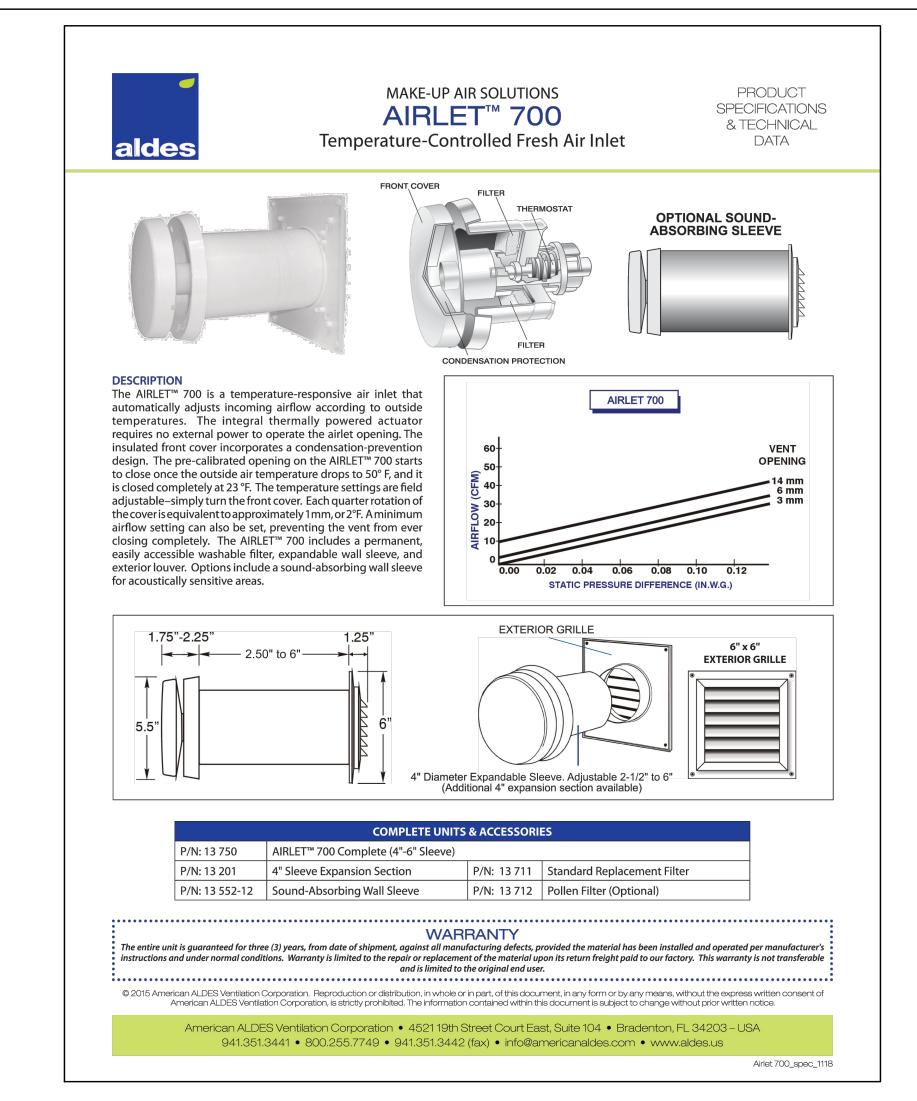
Two Riverfront Plaza

VF11081SS-08VE1

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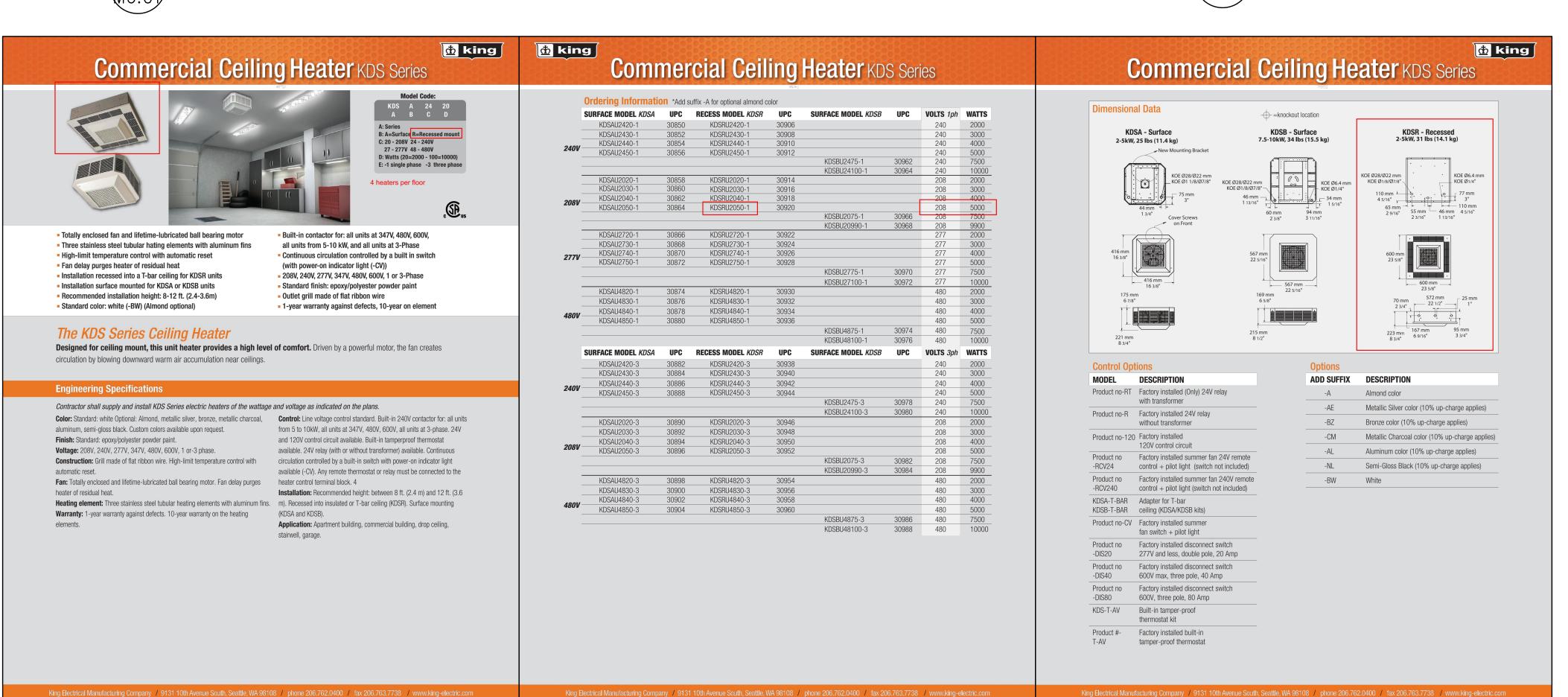
FV-04VE1



2 \OUTSIDE AIR INLET - ALDES

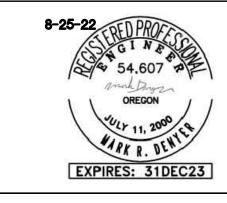
King Electrical Manufacturing Company / 9131 10th Avenue South, Seattle, WA 98108 / phone 206.762.0400 / fax 206.763.7738 / www.king-electric.com

ERV SUBMITTAL M6.01 SCALE: DETAIL



3 CEILING HEATER - CH-1
M6.01 SCALE: DETAIL







INC. WWW.MFIA-ENG.COM CONTACT: Mark Denyer

DENS GAR RE 97

MERIDIAN REVISION DATE REASON FOR ISSUE

MECHANICAL

PERMIT SET

DETAILS

08/29/2022

HEET NUMBER

PROJECT NUMBER

203970

M6.01