SPECIFICATION SHEET

Smart Vents

FLAIR

Flair's **Zoning and Air Balancing solutions** integrate Flair Smart Vents into home HVAC systems to enhance comfort, improve energy efficiency, and enable precise room-level climate control and air balancing.

Size	SKU	UPC
4x10	FLAIRVENT410	868596000206
4x12	FLAIRVENT412	868596000244
4x14	FLAIRVENT414	868596000282
6x10	FLAIRVENT610	868596000213
6x12	FLAIRVENT612	868596000251
6x14	FLAIRVENT614	868596000275
8x10	FLAIRVENT810	850047423139
8x8	FLAIRVENT88	850047423016
10x10	FLAIRVENT1010	850047423023
12x12	FLAIRVENT1212	850047423030

Accessories	SKU	UPC
Flair Puck 2	FLAIRPUCK2001	850047423153
Flair Puck 2 Pro	FLAIRPUCK2001P	850047423160
Bridge	FLAIRBRIDGE001	868596000268
Bridge Pro	FLAIRBRIDGE001P	850047423146
Static Pressure Kit	FLAIRSPK001	850047423177
Smart Vent Covers - Cast Iron Black	4x10: FLAIRGRILL410B 4x12: FLAIRGRILL412B 4x14: FLAIRGRILL414B	850047423108 850047423115 850047423122
Smart Vent Covers - Espresso	4x10: FLAIRGRILL410DB 4x12: FLAIRGRILL412DB 4x14: FLAIRGRILL414DB	850047423047 850047423054 850047423061
Smart Vent Covers - Caramel	4x10: FLAIRGRILL410LB 4x12: FLAIRGRILL412LB 4x14: FLAIRGRILL414LB	850047423078 850047423085 850047423092

COMPATIBILITY

Fixed Speed Equipment

Variable and Multi-Stage Equipment

Backpressure Protection: Protocols in place that prevent too many Smart Vents from being closed at once.

SPECIFICATIONS

Power: Wireless | 2 x C (included), Wired | 24 VAC

Operating Temp Range: 0°C to 50°C / 32°F to 122°F

Storage Temp Range: -10°C to 55°C / 14°F to 131°F

Operating Humidity: 5% to 95% RH (non-condensing)

Color: White

Sensors: Temperature, Pressure

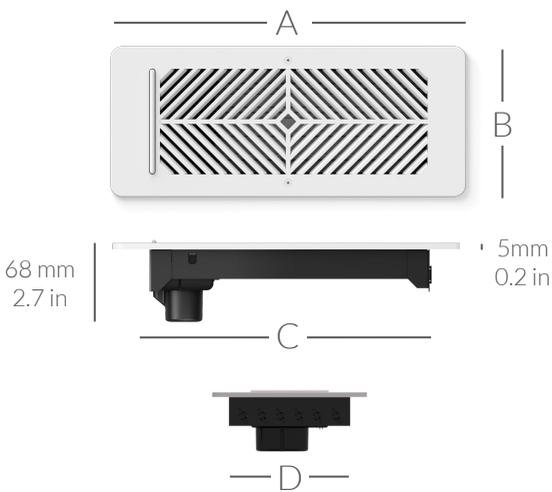**Radios:** 915 MHz

Mounting: Screws (included)

For full wiring diagrams, see flair.co/wiring

SPECIFICATION SHEET

Smart Vents

MEASUREMENT GUIDE

68 mm
2.7 in

5mm
0.2 in

Size	A (in)	B (in)	C (in)	D (in)	Free Area Without Cover (sq in)
4x10	12.0	5.1	9.6	3.6	27.4
4x12	14.0	5.1	11.6	3.6	34.6
4x14	16.0	5.1	13.6	3.6	41.8
6x10	12.0	7.0	9.6	5.6	46.6
6x12	14.0	7.0	11.6	5.6	57.8
6x14	16.0	7.0	13.6	5.6	69.0
8x10	12.2	10.2	9.6	7.6	65.8
8x8	10.2	10.2	7.6	7.6	50.6
10x10	12.2	12.2	9.6	9.6	85
12x12	14.2	14.2	11.6	11.6	127.4

MOUNTING HOLES

Smart Vent with Faceplate
Removed:

For ceiling and wall installs.

RESOURCES

ZONING SOLUTION GUIDE
flair.co/smart-vent-solution-guide

CONTRACTOR SELLING GUIDE
flair.co/selling-guide-zoning

WIRING GUIDE
flair.co/wiring

FLAIR ACCESSORIES

BRIDGE
A dedicated plug and play networking device.

SMART VENT COVERS
2-Way throw pattern available in three sizes: 4x10, 4x12, 4x14.

PRO ONLY

BRIDGE PRO
Required to monitor static pressure and fan speed.

PRO ONLY

STATIC PRESSURE KIT
Required to monitor static pressure.