

Direct-Vent and Vented Counterflow Wall Furnaces

EMPIRE



DV-55



DVC-35



FAW-40



FAW-55

- DVC-35 and FAW-40 May Be Recessed Between Standard Wall Studs
- DV-55 and DVC-35 Install on Outside Walls
- FAW-55 and FAW-40 Install on Inside or Outside Walls

- Total Comfort for a Fraction of the Cost of Electric Heat
- Matchless Piezo Ignition
- Convenient 24-Volt Wall Thermostat
- Front Panels Remove Easily for Cleaning and Servicing

- Counterflow Blower Circulates Warm Air at Floor Level
- Multi-Room Heating Capacity with Optional Outlet Kits
- 76% A.F.U.E.

Surround Yourself with Comfort



Direct-Vent and Vented Counterflow Wall Furnaces 35,000 to 55,000 Btu Models

Specifications

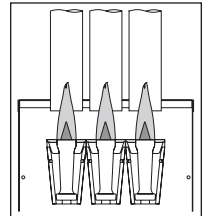
Model	DVC-35-SPP DVC-35-IP	DV-55-SPP DV-55-IP	FAW-40-SPP FAW-40-IP	FAW-55-SPP FAW-55-IP
Color: Cabinet and Front Panels	Beige	Beige	Beige	Beige
Btu Input	35,000	55,000	40,000	55,000
Note: SPP models equipped with standing pilot. IP models equipped with electronic ignition				
Overall Dimensions				
Width	14 1/8"	16"	14 1/8"	16"
Depth	10 3/8"	11 3/16"	10 3/8"	11 3/16"
Height	72 1/2"	82 3/8"	72 1/2"	82 3/8"
Shipping Weight, Lbs.	115	140 (Two Cartons)	110	135
Temperature Control				
Electric 24-Volt Wall Thermostat Positive Off Setting	Yes	Yes	Yes	Yes
Blower Output, Cu. Ft./Min.	275	400	275	400
Accessories (State on Order)				
Wireless Remote Wall Thermostat	TRW	TRW	TRW	TRW
Side Outlet Register	SOR-1	SOR-1	SOR-1	SOR-1
10" Side Outlet Kit	SOK-1	SOK-1	SOK-1	SOK-1
10" Rear Outlet Kit	N/A	N/A	ROK-1	ROK-1
Vent Enclosure	N/A	N/A	FVE-24 (24")	DV-651 (14")
Vent Enclosure	N/A	N/A	FVE-34 (34")	DV-665 (24")
Vent Enclosure	N/A	N/A	FVE-46 (46")	DV-666 (36")
Oval-to-Round Flue Adapter	N/A	N/A	DV-648	DV-648
Vinyl Siding Vent Kit	DV-822	DV-822	N/A	N/A
Vent Tube Extension Kit (Fits wall up to 19")	*	*	N/A	N/A
Minimum Clearances to Combustibles from:				
Top (To Ceiling)	4"	4"	4"	7 1/2"
Each Side (To Nearest Adjacent Sidewall)	4"	4" without Register	4" without Register	4" without Register
	18" with (SOR-1)	18" with (DV-603)	18" with (SOR-1)	18" with (DV-603)
Bottom of Unit to Wood Floor	Zero	Zero	Zero	Zero
Center of Vent Connector Opening to Combustibles	N/A	N/A	1 3/4"	1 9/16"
Depth Unit May Be Recessed	9 1/2"	4"	9 1/2"	4"
Gas Inlet				
Type of Gas (State on Order)	Natural or LP	Natural or LP	Natural or LP	Natural or LP
Iron Pipe Size (N.P.T.)	1/2"	1/2"	1/2"	1/2"
Wall to Valve Inlet	7 3/4"	6 1/2"	7 3/4"	6 1/2"
Center of Heater to Center of 1/2" Inlet Elbow	N/A	3"	N/A	3"
Floor Covering to Valve Inlet	4"	3 3/4"	4"	3 3/4"
Venting				
Size of Flue Collar	N/A	N/A	4" Oval	4" Oval
Size of Flue with Oval-to-Round Adapter	N/A	N/A	4" Round	4" Round
Minimum Vent Opening in Ceiling				
For Oval Type "B" Flue Pipe	N/A	N/A	4 1/2" x 9 1/4"	4 1/2" x 9 1/4"
For Round Type "B" Flue Pipe	N/A	N/A	6 1/2" Diameter	6 1/2" Diameter
Wall Depth Minimum	3/4"	4 1/2"	N/A	N/A
Wall Depth Maximum	10"	13"	N/A	N/A
Vent Opening Inside Wall Surface	7 1/2" Diameter	7 1/2" Diameter	N/A	N/A
Vent Opening Outside Wall Surface	7 1/2" Diameter	7 1/2" Diameter	N/A	N/A
Center of Vent to Nearest				
Outside Corner of Building	12"	24"	N/A	N/A
Edge of Vent to Nearest Projecting Surface	6"	6"	N/A	N/A
Vent Projection from Outside Wall	6"	6"	N/A	N/A
Center of Flue to Floor Covering	59 1/4"	64 7/8"	N/A	N/A



Shown: Standard Direct Vent Cap mounted on outside wall



Shown: Vinyl Siding Vent Kit Accessory for Direct Vent Units



Inshot Burners facilitate smooth operation on the DVC-35 and FAW-40.

Safety Control
Pilot and Main Burners Include Automatic Shut-off

Warranty
Combustion chamber carries a 10-year limited warranty. All other parts carry a 1-year limited warranty.

Note: Empire has a policy of constantly improving quality and performance of its appliances, therefore, materials and specifications are subject to change without notice.

*Vent Tube Extension Kit Available. Please Contact Empire Parts Department.

For Your Safety

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies. Children and adults should be alerted to the hazard of high surface temperature and should be kept away to avoid burns or clothing ignition. Installation and repair should be done by a qualified service person.

DVC-35 and DV-55 models are design certified in accordance with American National Standards Institute Z21.86 (latest standard) and CSA2.32 (latest standard) by the Canadian Standard Association, as Fan Type Direct Vent Wall Furnaces.

FAW-40 and FAW-55 models are design certified in accordance with American National Standards Institute Z21.86 (latest standard) and CSA2.32 (latest standard) by the Canadian Standard Association, as Fan Type Vented Wall Furnaces.

The installation must conform to local codes. In the absence of local codes, the installation must conform with American National Standard (National Fuel Gas Code) known as NFPA 54 and ANSI Z223.1 (latest edition) available from the American National Standards

Institute, Inc., 11 West 42nd St., New York, N.Y. 10036, or from the National Fire Protection Association, Batterymarch Park, Quincy, Massachusetts 02269.

FAW-40 and FAW-55 models have a standard vent safety switch, automatically shutting the heater "off" in the event of a blocked flue or incorrect installation. (Example: Attaching a 90° elbow directly to the draft diverter is an incorrect installation.) The flue pipe diameter must be as large as the flue collar on the draft diverter and run as directly as possible to the chimney with a minimum of elbows. Any flue pipe passing through walls and roof must be "B" Type vent. The chimney must extend at least two feet above the roof and any object or building within ten feet of the chimney.



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