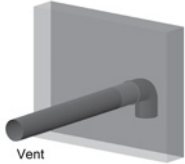
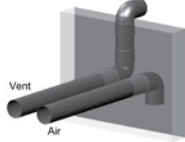


### Direct Exhaust Sidewall | Direct Exhaust Vertical

	4" Vent Diameter			6" Vent Diameter			8" Vent Diameter			10" Vent Diameter			
	Min	Max	Elbows	Min	Max	Elbows	Min	Max	Elbows	Min	Max	Elbows	
 <b>Direct Exhaust   Sidewall</b> Room Intake   Vented Exhaust	SVF 500 S1	0'	30'	2	0'	100'	2	—	—	—	—	—	—
	SVF 600 S1	—	—	—	0'	30'	2	0'	100'	2	—	—	—
	SVF 725 S1	—	—	—	6'	100'	2	—	—	—	—	—	—
	SVF 850 S1	—	—	—	—	—	—	6'	100'	2	—	—	—
	SVF 1000 S1	—	—	—	—	—	—	6'	100'	2	—	—	—
	SVF 1500 S1/S2*	—	—	—	—	—	—	10'	100'	2	—	—	—
	SVF 2000 S1/S2*	—	—	—	—	—	—	10'	100'	2	—	—	—
	SVF 2500 S1/S2	—	—	—	—	—	—	—	—	—	10'	100'	2
	SVF 3000 S1/S2	—	—	—	—	—	—	—	—	—	10'	100'	2
	SlimFit 550 S3	0'	30'	2	0'	100'	2	—	—	—	—	—	—
	SlimFit 750 S3	—	—	—	0'	30'	2	0'	100'	2	—	—	—
	SlimFit 1000 S2	—	—	—	6'	100'	2	—	—	—	—	—	—
	SlimFit 1500 S2	—	—	—	—	—	—	6'	100'	2	—	—	—
	SlimFit 2000 S2	—	—	—	—	—	—	6'	100'	2	—	—	—

### Direct Vent Sidewall | Direct Vent Vertical

	4" Vent Diameter			6" Vent Diameter			8" Vent Diameter			10" Vent Diameter			
	Min	Max	Elbows	Min	Max	Elbows	Min	Max	Elbows	Min	Max	Elbows	
 <b>Direct Vent   Sidewall</b> Room Intake   Vented Exhaust	SVF 500 S1	0'	30'	2	0'	100'	2	—	—	—	—	—	—
	SVF 600 S1	—	—	—	0'	30'	2	0'	100'	2	—	—	—
	SVF 725 S1	—	—	—	6'	100'	—	6'	150'	2	—	—	—
	SVF 850 S1	—	—	—	—	—	—	6'	100'	2	—	—	—
	SVF 1000 S1	—	—	—	—	—	—	6'	100'	2	—	—	—
	SVF 1500 S1/S2*	—	—	—	—	—	—	10'	100'	2	—	—	—
	SVF 2000 S1/S2*	—	—	—	—	—	—	10'	100'	2	—	—	—
	SVF 2500 S1/S2	—	—	—	—	—	—	—	—	—	10'	100'	2
	SVF 3000 S1/S2	—	—	—	—	—	—	—	—	—	10'	100'	2
	SlimFit 550 S3	0'	30'	2	0'	100'	2	—	—	—	—	—	—
	SlimFit 750 S3	—	—	—	0'	30'	2	0'	100'	2	—	—	—
	SlimFit 1000 S2	—	—	—	6'	100'	2	—	—	—	—	—	—
	SlimFit 1500 S2	—	—	—	—	—	—	6'	100'	2	—	—	—
	SlimFit 2000 S2	—	—	—	—	—	—	6'	100'	2	—	—	—

#### SVF Models

- 4-8" PVC Venting with > 2 elbows, reduce max vent length by 7' per additional elbow
- 10" PVC Venting with > 2 elbows, reduce max vent length by 15' per additional elbow
- 4-10" PP/SS Venting with > 2 elbows, see vent manufacturer's recommendation for length correction
- \*SVF 1500/2000 Series 2 models include 10" intake/8" exhaust vent diameters

#### SlimFit Models

- SlimFit 550/750 Venting with > 2 elbows, reduce vent length by 7' per additional elbow
- SlimFit 1000-2000 6" Venting with > 2 elbows, reduce vent length by 15' per additional elbow
- SlimFit 1000-2000 8" Venting with > 2 elbows, reduce vent length by 7' per additional elbow

#### General Notes

- Vent length corrections apply to both 45° & 90° elbows.
- Use the pipe manufacturer's value for length reduction per elbow if longer than values listed above

## Venting Pressures & Approved Material

Model	Stack Rate (SCFM)	Negative Pressure Maintained At Boiler Vent Connection (Inches Water Column)	Minimum Connection Diameter (Inches)	Schedule 40 PVC	Schedule 40 CPVC	Polypropylene (PP)	AL29-4C (SST)
SVF 500 S1	105	Cat II -0.001" W.C. to -.01 W.C.	6"	Limited*	Yes	Yes	Yes
SVF 600 S1	125		6"	Limited*	Yes	Yes	Yes
SVF 725 S1	150		6"	Limited*	Yes	Yes	Yes
SVF 850 S1	175		6"	Limited*	Yes	Yes	Yes
SVF 1000 S1	232	Cat II -0.1" W.C. to -0.05" W.C.	6"	Limited*	Yes	Yes	Yes
SVF 1500 S1	350		10"	Yes	Yes	Yes	Yes
SVF 2000 S1	470		10"	Yes	Yes	Yes	Yes
SVF 2500 S1	580		10"	Yes	Yes	Yes	Yes
SVF 3000S1	696		10"	Yes	Yes	Yes	Yes
SVF 1500 S2	350	Cat II -0.1" W.C. to -.05 W.C.	10"	No	Yes	Yes	Yes
SVF 2000 S2	470		10"	No	Yes	Yes	Yes
SVF 2500 S2	580		10"	No	Yes	Yes	Yes
SVF 3000 S2	696		10"	No	Yes	Yes	Yes
SF 550 S3	128	Cat II -0.001" W.C. to -0.1" WC	6"	Yes	Yes	Yes	Yes
SF 750 S3	175		6"	Yes	Yes	Yes	Yes
SF 1000 S2	279		10"	Limited*	Yes	Yes	Yes
SF 1500 S2	418		10"	Limited*	Yes	Yes	Yes
SF 2000 S2	558		10"	Limited*	Yes	Yes	Yes

**\*Limited**

PVC can only be used on the exhaust of a boiler after 10 linear feet of CPVC pipe. All fittings within the first 10 feet must be CPVC.

**Notes and Warnings**

Installations must comply with local requirements and with the National Fuel Gas Code, ANSI Z223.1 for U.S. installations or CSA B149.1 or B149.2 for Canadian installations.

Refer to local codes for any additional requirements an or restriction.

**General Notes**

Refer to individual boiler manuals for guidelines for more detail around alternative venting configurations, venting pressures, and approved materials.

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