

Combustion AIR Systems (oil)

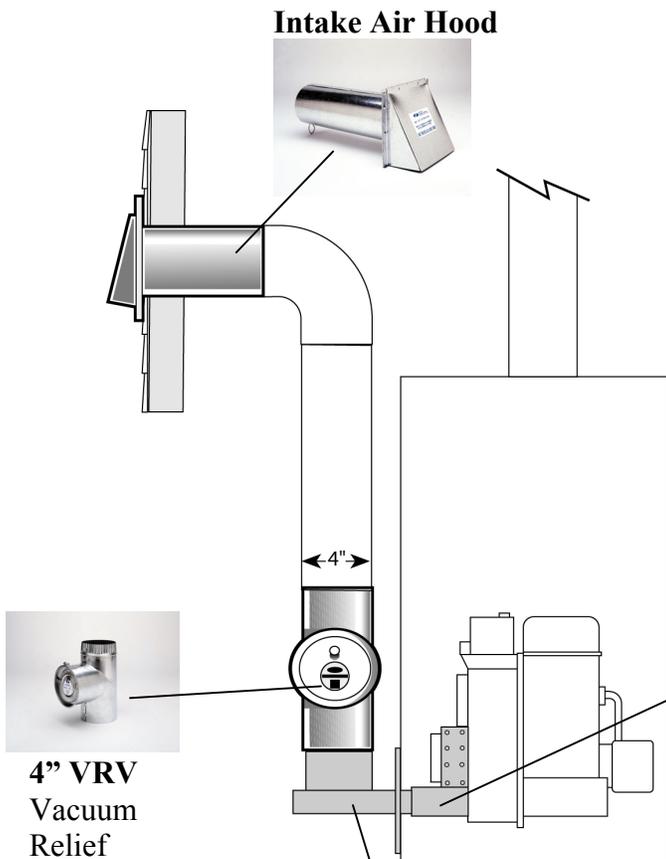
CAS-1 and CAS-2 (oil)

Direct Connect

The CAS-1 and CAS-2 Field Combustion Air Systems provide controlled amounts of outside air for proper combustion of oil heating appliances. These models were designed specifically for use with Aero, Beckett, Carlin, Riello, or Wayne burners.

WHEN TO USE THE CAS SYSTEM:

- Too tight construction
- Provide source of fresh air for combustion
- CAS-1 & CAS-2 connect directly to oil burners

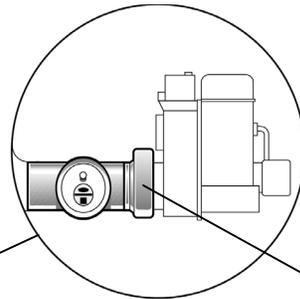


	Pipe Diameter	Maximum Linear Feet	Feet/Elbow
AirBoot®/ Furnace Boot™	4"	44'	7'
	5"	60'	9'
	6"	90'	11'
Field BigBoot™	6"	30'	11'
	7"	60'	12'
	8"	100'	14'



4" VRV Vacuum Relief Valve

Furnace Boot™
With telescopic Feature
(Allows units to fit any furnace cabinet)



Field AirBoot®
OR
Field BigBoot™

Model	Fuel	Burner	Appliance Input	Components
CAS-1	Oil	Beckett AFII, Riello 40BF	Up to 2 gph	4" Intake Air Hood 4" Vacuum Relief Valve
CAS-2A	Oil	Aero FAFC, HF-US, HF-AFC, (S)SV		4" Intake Air Hood 4" Vacuum Relief Valve
CAS-2B CAS-2C CAS-2W	Oil	Beckett AFG or AF, Carlin EZ-1, CRD, FRD, Wayne MSR	Up to 2 gph	Field AirBoot®
CAS-2B-90E	Oil	Beckett AF & AFG warm air furnaces	Up to 1.5 gph	4" Intake Air Hood 4" Vacuum Relief Valve FurnaceBoot™
CAS-2BB	Oil	Beckett SF, SMG, CF-500, CF-800	Up to 4.5 gph	6" Intake Air Hood 6" Vacuum Relief Valve Field BigBoot™
CAS-2B375	Oil	Beckett CF-375	Up to 3.5 gph	6" Intake Air Hood 6" Vacuum Relief Valve Field BigBoot™
CAS-2BC	Oil	Carlin, 99-FRD, 100-CRD, 102-CRD	Up to 4.5 gph	6" Intake Air Hood 6" Vacuum Relief Valve Field BigBoot™



CAS-3 (oil)

This model is designed to provide combustion air for appliances when direct connect to the burner is not possible. According to NFPA 54 and NFPA 31, an engineered system such as a CAS-3 may be used to overcome the lack of air in a confined space. The CAS-3 is designed for optimum safety and includes a proving device that won't allow the burner to engage without the Fan-in-a-Can™ operating. Multiple units or additional controls are required for multiple appliance installations. The CAS-3 is equipped with a two speed control for enhanced versatility.

HOW THE CAS-3 WORKS:

When the thermostat calls for heat, the Fan-in-a-Can™ engages and begins drawing outside air into the structure. When air flow is established, the CAS allows the burner to activate. The Fan-in-a-Can™ diffuses the outside air into the room near the burner.

<i>Model Number</i>	<i>Fuel</i>	<i>Application</i>	<i>Components</i>
CAS-3	Oil	Any oil heating appliance	4" Intake Air Hood Fan-in-a-Can™ Assembly 6" to 4" Reducer Restrictor Plate

