

InnoFlue®

Polypropylene Vent Systems



Centrotherm

Appliance Manufacturer: _____

Appliance Type: _____

Model Number: _____

Submitted By: _____

Approved By: _____

Date: _____

Date: _____

Applicable Standards:

UL-1738 | ULC-S636 | Category II, III, and IV Gas Vent BH | Class II C Gas Vent BH



The InnoFlue® Vent System is manufactured from polypropylene.



**Proudly made
in the U.S.A.**

It has been tested and listed by [Intertek](#) to [UL-1738](#) and [ULC-S636](#) for use with Category II, III, IV (US), and Gas-Vent-BH, Class II C (Canada) Residential, Commercial and Industrial gas fired appliances.

InnoFlue® is [UL-1738](#) & [ULC-S636](#) rated for use with maximum flue gas temperatures of 230°F (110°C). NOTE: Centrotherm Eco Systems warrants **InnoFlue®** up to a sustained maximum flue gas temperature of 248°F (120°C). **InnoFlue®** is rated to a maximum vent pressure of 20" of water column.

As part of regular equipment maintenance, check for vent system integrity and blockage. All installations must conform to all relevant Local, State, and National codes.

In the US: National Fuel Gas Code [ANSI-Z223.1](#), [NFPA 54](#), [NFPA 211](#). In Canada: [CAN/CGA-B149.1](#) or [CAN/CGA-B149.2](#). Permits may be required before an installation can begin. Before installation, each vent component must be inspected for possible shipping damage and correct seal placement. These installation instructions must be read, understood and complied with. These installation instructions comply with [UL-1738](#) and [ULC-S636](#). Refer to the appliance manufacturer's installation instructions for appliance adaptors, terminations and maximum allowable vent length. For [UL-1738](#) & [ULC-S636](#) approved **InnoFlue®** components, consult the **InnoFlue®** catalog at <http://centrotherm.us.com>.

InnoFlue® vent components must be used throughout the entire vent system.

Do not mix with other vent manufacturer's products.

Pipes, Elbows, and Fittings Submitted for Approval

For gas, oil, and propane fired appliances with flue gas temperatures that do not exceed 230°F (110°C).

SKU	Diameter	Effective Length	Wall Thickness min/max in.(mm)
ISVLO21	2 (60mm)	12"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO31	3 (80mm)	12"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO41	4 (110mm)	12"	.0787 (2.0mm) / .1299 (3.3mm)
ISVLO51	5 (125mm)	12"	.0984 (2.5mm) / .1457 (3.7mm)
ISVLO61	6 (160mm)	12"	.1024 (2.6mm) / .1772 (4.5mm)
ISVLO81	8 (200mm)	12"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI01	10 (250mm)	12"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI21	12 (315mm)	12"	.1181 (3.0mm) / .2362 (6.0mm)
SKU	Diameter	Effective Length	Wall Thickness min/max in.(mm)
ISVLO22	2 (60mm)	24"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO32	3 (80mm)	24"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO42	4 (110mm)	24"	.0787 (2.0mm) / .1299 (3.3mm)
ISVLO52	5 (125mm)	24"	.0984 (2.5mm) / .1457 (3.7mm)
ISVLO62	6 (160mm)	24"	.1024 (2.6mm) / .1772 (4.5mm)
ISVLO82	8 (200mm)	24"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI02	10 (250mm)	24"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI22	12 (315mm)	24"	.1181 (3.0mm) / .2362 (6.0mm)
SKU	Diameter	Effective Length	Wall Thickness min/max in.(mm)
ISVLO23	2 (60mm)	36"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO33	3 (80mm)	36"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO43	4 (110mm)	36"	.0787 (2.0mm) / .1299 (3.3mm)
ISVLO54	5 (125mm)	36"	.0984 (2.5mm) / .1457 (3.7mm)
ISVLO63	6 (160mm)	36"	.1024 (2.6mm) / .1772 (4.5mm)
ISVLO83	8 (200mm)	36"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI03	10 (250mm)	36"	.1024 (2.6mm) / .1969 (5.0mm)
ISVLI23	12 (315mm)	36"	.1181 (3.0mm) / .2362 (6.0mm)

SKU	Diameter	Effective Length	Wall Thickness min/max in.(mm)
ISVLO26	2 (60mm)	72"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO36	3 (80mm)	72"	.0591 (1.5mm) / .1063 (2.7mm)
ISVLO46	4 (110mm)	72"	.0787 (2.0mm) / .1299 (3.3mm)
ISVLO56	5 (125mm)		.0984 (2.5mm) / .1457 (3.7mm)
ISVLO66	6 (160mm)	72"	.1024 (2.6mm) / .1772 (4.5mm)
ISVLO86	8 (200mm)	72"	.1024 (2.6mm) / .1969 (5.0mm)
ISVL106	10 (250mm)	72"	.1024 (2.6mm) / .1969 (5.0mm)
ISVL126	12 (315mm)	72"	.1181 (3.0mm) / .2362 (6.0mm)
SKU	Diameter	Degree	Wall Thickness min/max in.(mm)
ISELO287	2 (60mm)	87°	.0591 (1.5mm) / .1063 (2.7mm)
ISELO387	3 (80mm)	87°	.0591 (1.5mm) / .1063 (2.7mm)
ISELO487	4 (110mm)	87°	.0787 (2.0mm) / .1299 (3.3mm)
ISELO587	5 (125mm)	87°	.0984 (2.5mm) / .1457 (3.7mm)
ISELO687	6 (160mm)	87°	.1024 (2.6mm) / .1772 (4.5mm)
ISELO887	8 (200mm)	87°	.1024 (2.6mm) / .1969 (5.0mm)
ISEL1027	10 (250mm)	87°	.1024 (2.6mm) / .1969 (5.0mm)
ISEL1287	12 (315mm)	87°	.1181 (3.0mm) / .2362 (6.0mm)
SKU	Diameter	Degree	Wall Thickness min/max in.(mm)
ISELO245	2 (60mm)	45°	.0591 (1.5mm) / .1063 (2.7mm)
ISELO345	3 (80mm)	45°	.0591 (1.5mm) / .1063 (2.7mm)
ISELO445	4 (110mm)	45°	.0787 (2.0mm) / .1299 (3.3mm)
ISELO545	5 (125mm)	45°	.0984 (2.5mm) / .1457 (3.7mm)
ISELO645	6 (160mm)	45°	.1024 (2.6mm) / .1772 (4.5mm)
ISELO845	8 (200mm)	45°	.1024 (2.6mm) / .1969 (5.0mm)
ISEL1045	10 (250mm)	45°	.1024 (2.6mm) / .1969 (5.0mm)
ISEL1245	12 (315mm)	45°	.1181 (3.0mm) / .2362 (6.0mm)

For gas, oil and propane fired appliances with flue gas temperatures that do not exceed 230°F (110°C).

About

Centrotherm Eco Systems is a Centrotec Sustainable AG Company, a publicly traded diversified manufacturer of sustainable industry products. **InnoFlue®** is proudly manufactured by Centrotherm Eco Systems®, **InnoFlue®** is a trademark of Centrotherm Eco Systems®