

duravent™

CHANGING TO HIGH EFFICIENCY? UTILIZE YOUR EXISTING VENT!

FasNSeal® 80/90 is a unique system that exhausts 90+ AFUE condensing appliances with Type B atmospheric units, utilizing the existing vent.

Using your preexisting common vent, our cap improves the operation of both the remaining atmospheric appliance, and the new condensing unit, while not disturbing finished space during installation.

Finally, a solution when you need to deal with narrow lot lines, clearance to window and door openings, or when side wall venting just isn't practical.

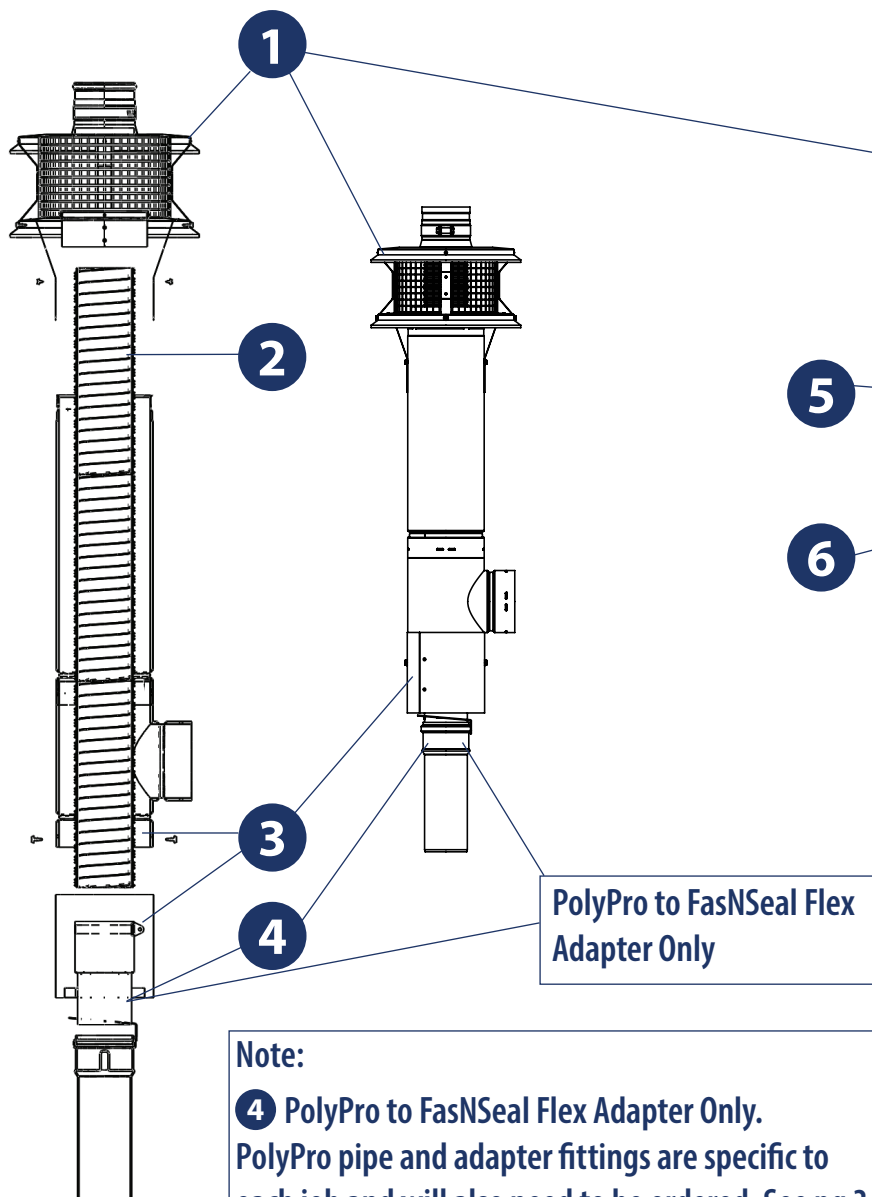
Features and Benefits

- Takes up no additional building envelope space, no additional building penetrations, and does not disturb finished internal spaces.
- Simple install, compatible with Duravent PolyPro® or FasNSeal vent system for a listed and approved appliance connection. Consult appliance manual for installation specifics.
- Eliminates condensing sidewall building moisture concerns and flue management.
- Keeps 90+ AFUE furnace flue and termination warm, reducing icing.
- Allows superior vertical termination option.
- Offers superior flow performance with a smooth stainless inner wall and no flow de-rate for flex.

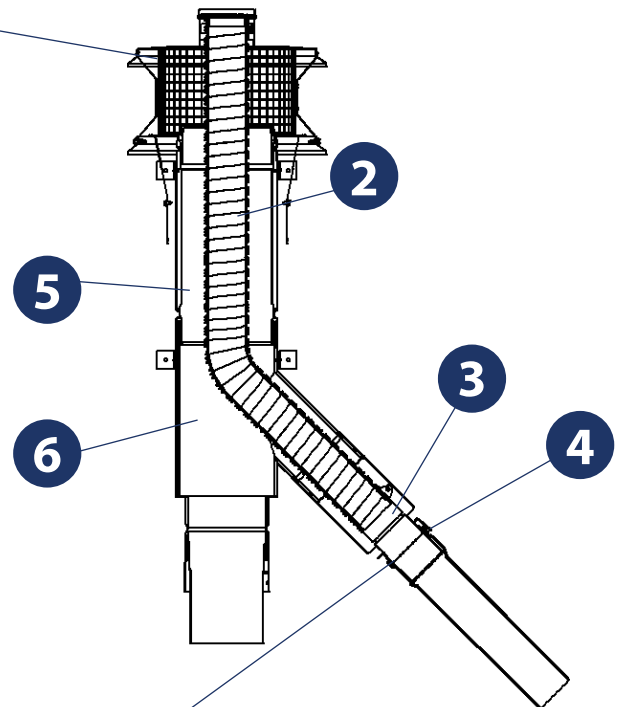


Annular Space - Effective Remaining B-Vent Diameter				
	2" Cat IV Liner Dia	3" Cat IV Liner Dia	4" Cat IV Liner Dia	5" Cat IV Liner Dia
5" B-Vent	4"	3"	N/A	N/A
6" B-Vent	5"	4"	4"	N/A
7" B-Vent	6"	5"	5"	4"
8" B-Vent	6"	6"	6"	5"

STRAIGHT UP INSTALLATION



WYE INSTALLATION



⚠ IMPORTANT

The vent system must be installed in accordance with local code requirements and appropriate National Codes: In the US: NFPA 54 / ANSI Z223.1 National Fuel Gas Code or the International Fuel Gas Code.

Description	Order #	Stock #
1 Vertical Terminations		
Ø5"x2" Combo Cap	FSCC52	810010327
Ø5"x3" Combo Cap	FSCC53	810010328
Ø6"x2" Combo Cap	FSCC62	810010329
Ø6"x3" Combo Cap	FSCC63	810010330
Ø6"x4" Combo Cap	FSCC64	810010331
Ø7"x2" Combo Cap	FSCC72	810010332
Ø7"x3" Combo Cap	FSCC73	810010333
Ø7"x4" Combo Cap	FSCC74	810010334
Ø7"x5" Combo Cap	FSCC75	810012622
Ø8"x2" Combo Cap	FSCC82	810010335
Ø8"x3" Combo Cap	FSCC83	810010336
Ø8"x4" Combo Cap	FSCC84	810010337
Ø8"x5" Combo Cap	FSCC85	810012623
2 FasNSeal Flex		
Ø2"x20' FasNSeal Flex	2FSFLEX-20	810012522
Ø2"x25' FasNSeal Flex	2FSFLEX-25	810012523
Ø2"x30' FasNSeal Flex	2FSFLEX-30	810012524
Ø2"x35' FasNSeal Flex	2FSFLEX-35	810012525
Ø2"x50' FasNSeal Flex	2FSFLEX-50	810012558
Ø3"x20' FasNSeal Flex	3FSFLEX-20	810003100
Ø3"x25' FasNSeal Flex	3FSFLEX-25	810003101
Ø3"x30' FasNSeal Flex	3FSFLEX-30	810003102
Ø3"x35" FasNSeal Flex	3FSFLEX-35	810003103
Ø4"x20' FasNSeal Flex	4FSFLEX-20	810003151
Ø4"x25' FasNSeal Flex	4FSFLEX-25	810003152
Ø4"x30' FasNSeal Flex	4FSFLEX-30	810003153
Ø4"x35" FasNSeal Flex	4FSFLEX-35	810003154
Ø5"x20' FasNSeal Flex	5FSFLEX-20	810003208
Ø5"x25' FasNSeal Flex	5FSFLEX-25	810003209
Ø5"x30' FasNSeal Flex	5FSFLEX-30	810003210
Ø5"x35" FasNSeal Flex	5FSFLEX-35	810003211
Ø4"x35" FasNSeal Flex	4FSFLEX-35	810003154
Ø5"x20' FasNSeal Flex	5FSFLEX-20	810003208
Ø5"x25' FasNSeal Flex	5FSFLEX-25	810003209
Ø5"x30' FasNSeal Flex	5FSFLEX-30	810003210
Ø5"x35" FasNSeal Flex	5FSFLEX-35	810003211

Description	Order #	Stock #
3 B-Vent Firestop		
3x2 B-Vent Firestop	FSFS-GVPP32	810012604
4x2 B-Vent Firestop	FSFS-GVPP42	810012605
4x3 B-Vent Firestop	FSFS-GVPP43	810012606
5x2 B-Vent Firestop	FSFS-GVPP52	810012607
5x3 B-Vent Firestop	FSFS-GVPP53	810012608
5x4 B-Vent Firestop	FSFS-GVPP54	810012609
6x2 B-Vent Firestop	FSFS-GVPP62	810012610
6x3 B-Vent Firestop	FSFS-GVPP63	810012611
6x4 B-Vent Firestop	FSFS-GVPP64	810012612
6x5 B-Vent Firestop	FSFS-GVPP65	810012613
4 PP to FNS Flex Adapter		
2" PP to FNS Flex Adapter	FSASMM-PP-2	810009850
3" PP to FNS Flex Adapter	FSASMM-PP-3	810010261
4" PP to FNS Flex Adapter	FSASMM-PP-4	810010262
5" PP to FNS Flex Adapter	FSASMM-PP-5	810010263
5 Universal Female Adapter		
3" Female Adapter	3BVAF	810017784
4" Female Adapter	4BVAF	810017855
5" Female Adapter	5BVAF	810017944
6" Female Adapter	6BVAF	810018032
7" Female Adapter	7BVAF	810018122
8" Female Adapter	8BVAF	810018192
6 Double Wall Wye 45° Branch		
4"x4"x3" Double Wall Wye	4BVG43	810017896
4"x4"x4" Double Wall Wye	4BVG44	810017901
4"x3"x4" Double Wall Wye	4BVG34	810017888
5"x3"x4" Double Wall Wye	5BVG34	810017961
5"x4"x4" Double Wall Wye	5BVG44	810017972
5"x4"x5" Double Wall Wye	5BVG45	810017985
6"x3"x4" Double Wall Wye	6BVG34	810018040
6"x4"x3" Double Wall Wye	6BVG43	810018053
6"x4"x4" Double Wall Wye	6BVG44	810018055
6"x4"x5 Double Wall Wye	6BVG45	810018064
6"x3"x5" Double Wall Wye	6BVG35	810018050
6"x4"x6" Double Wall Wye	6BVG46	810018077

Description	Order #	Stock #
B-Vent Flex Kits Kits will include: (1) FasNSeal 80/90 Combo Cap, (1) B Vent Firestop, and (1) PolyPro Pipe to FasNSeal Flex Adapter. Note: FasNSeal flex is sold separately.		
80/90 5-2-3 B-Vent Flex FS Kit	52FSCCK3	810013357
80/90 5-2-4 B Vent Flex FS Kit	52FSCCK4	810013358
80/90 5-3-4 B Vent Flex FS Kit	53FSCCK4	810013359
80/90 5-2-5 B Vent Flex FS Kit	52FSCCK5	810013364
80/90 5-3-5 B Vent Flex FS Kit	53FSCCK5	810013365
80/90 6-2-3 B Vent Flex FS Kit	62FSCCK3	810013360
80/90 6-2-4 B Vent Flex FS Kit	62FSCCK4	810013361
80/90 6-3-4 B Vent Flex FS Kit	63FSCCK4	810013362
80/90 6-2-6 B Vent Flex FS Kit	62FSCCK6	810013366
80/90 6-3-6 B Vent Flex FS Kit	63FSCCK6	810013367

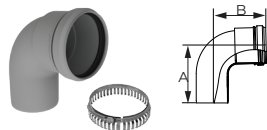
Note: Kit description denotes included component diameters.
Example: 80/90 5-2-3 B Vent Flex FS Kit = 5" Combo Cap, 2" Adapter,
3" B Vent Firestop

LIMITED LIFETIME WARRANTY LISTINGS

Duravent's FNS 80/90 Combination Cat I and Cat IV gas vent system is designed and UL listed for use with approved Duravent / Security Chimneys special gas vent components only! Listed to applicable portions of ULC S636/UL1738, UL1777, and UL441.

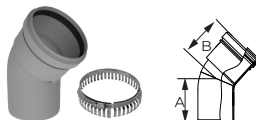
How to Connect a Category IV Appliance to the FasNSeal 80/90 System Using PolyPro

PolyPro 90° Elbow



SIZE	ORDER #	STOCK #	A	B
2" 60mm	2PPS-E90C	810014483	4" 100mm	4" 100mm
3" 80mm	3PPS-E90C	810014529	4 5/8" 110mm	4 5/8" 110mm

PolyPro 45° Elbow



SIZE	ORDER #	STOCK #	A	B
2" 60mm	2PPS-E45C	810014481	2 7/8" 72.5mm	2 1/8" 69mm
3" 80mm	3PPS-E45C	810014537	2 7/8" 73mm	2 7/8" 73mm

PolyPro Single Wall Pipe Lengths

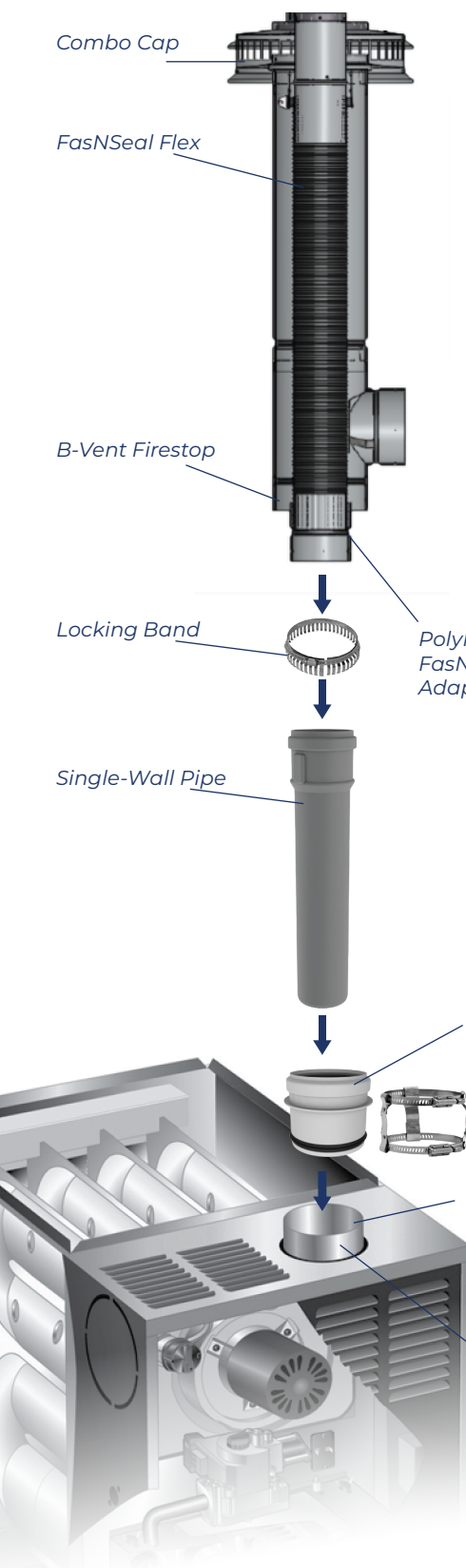
Use to vent condensing appliances. 2" (60mm) of overlap at the joint. Listed to ULC S636. Locking bands are required at all join connections. Includes one Locking Band per each length.

SIZE	12" 305mm		36" 914mm		72" 1829mm	
	ORDER #	STOCK #	ORDER #	STOCK #	ORDER #	STOCK #
2" 60mm	2PPS-12C	810014475	2PPS-36C	810014477	2PPS-72C	810014479
3" 80mm	3PPS-12C	810014528	3PPS-36C	810014532	3PPS-72C	810014534

PolyPro Appliance Adapter for PVC Coupler

Use to adapt rigid PolyPro pipe length to the inside of the PVC/CPVC coupler of other plastic/metal appliance outlet. Must be used with Adapter Connector for flue gas. Includes 1 Adapter Connector clamp.

SIZE	ORDER #	STOCK #
2" 60mm	2PPS-ADL	810009672
3" 80mm	3PPS-ADL	810009699



Note:

2PPS-ADL and 3PPS-ADL will slip inside a Furnace/Boiler Vent Connection or PVC/CPVC Coupler



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