

**PROVENT.**

IPS CORPORATION

# PROVENT SINGLE STACK DWV SYSTEM

Streamlined  
Drain Waste Vent Design



MADE IN USA

# SMARTER MULTI-STORY BUILDING SOLUTIONS

ProVent changes the way multi-story drain waste vent systems are designed and installed. By eliminating traditional reventing, it reduces materials by up to 40%, cuts labor time, and improves building performance. From engineers to installers, everyone benefits from a simpler, smarter vent stack plumbing system.



Conventional plumbing systems consist of more complex layouts with additional piping and venting.



ProVent Single Stack DWV System eliminates the need for separate vent stacks, branch vent pipes to fixtures, DWV fittings, extra hangers, and holes.



# SAVE LABOR, MATERIALS, AND MONEY

The ProVent® Single Stack DWV System is an innovative drain, waste, and vent system that ensures a smooth, safe flow without any additional vent piping. The system functions as well or better than conventional two-stack systems, but cuts piping requirements in half while slashing labor and materials costs by up to 40%.

Fabricated from high grade PVC, the ProVent Single Stack System also installs much more quickly and easily than conventional systems, eliminating floor penetrations, and requiring fewer hangars and supports, helping to keep projects on schedule.

Modeled on a proven DWV solution backed by 60+ years in the field, the system features corrosion-proof StackVent and BaseVent fittings and PVC piping that can be easily engineered to accommodate a wide range of multistory projects.



- Decreases labor requirements
- Reduces project costs by up to 40%
- Speeds and simplifies installation
- Cuts pipe and fittings cost by almost 50%



- Reduces need for inserts, rods, and hangers
- Simplifies engineering/design layouts
- IAPMO listed





# HOW IT WORKS

The ProVent® Single Stack DWV System features two corrosion-proof fittings – the StackVent and BaseVent — that work together to control waste water flow plus positive and negative pressures inside the DWV stack pipe.



## StackVent Fitting

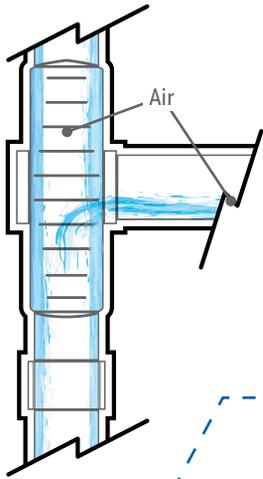
[Side profile]

StackVent Fittings at each floor level (spaced no more than 20 feet apart) adequately control vertical flow velocity.



Top view looking down through pipe

Air



## StackVent Fitting

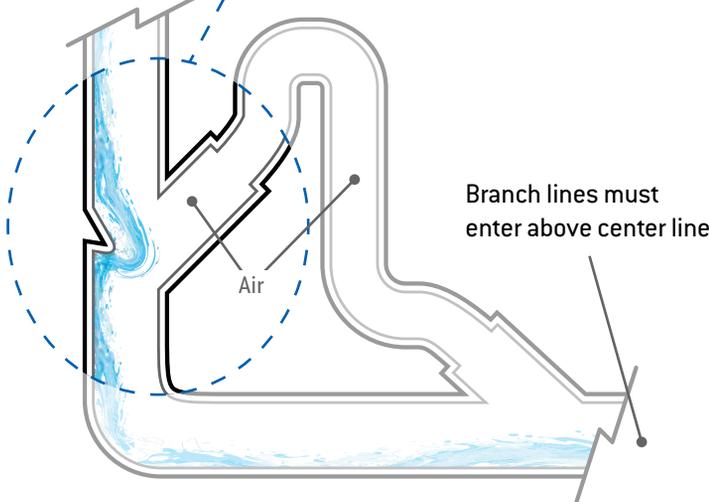
[Back profile]

Horizontal branches are sized for drainage to not exceed more than 25% of horizontal drain capacity.

Air

## BaseVent Fitting

BaseVent Fitting allows air to bypass the hydraulic jump at the base of the stack, and vents the branches below this level.



## EFFICIENCY THAT FLOWS THROUGH THE ENTIRE BUILDING PROCESS



### Contractors

Design and build better with a smarter DWV solution, with 60+ years of industry success.



### Engineers

Fewer penetrations means less time spent on drawings and improved schedule completion times. ProVent systems facilitate cleaner designs.



### Owners + Developers

Reduce number of reventing penetrations and potential leak points. The ProVent system brings lasting value and better building performance.

# PROVENT.

IPS CORPORATION



STACK FITTING for 3" PIPE						
PRODUCT	PIPE SIZE	LEFT SIDE OPENING	RIGHT SIDE OPENING	TOP FITTING	BOTTOM FITTING	MODEL
45500	<b>3"</b>	Open	Open	Female	Female	P3542SDFF
45501				Female	Male	P3542SDFM
45502				Male	Female	P3542SDMF
45503				Male	Male	P3542SDMM
45504		Open	Capped	Female	Female	P3542SLFF
45505				Female	Male	P3542SLFM
45506				Male	Female	P3542SLMF
45507				Male	Male	P3542SLMM
45508		Capped	Open	Female	Female	P3542SRFF
45509				Female	Male	P3542SRFM
45510				Male	Female	P3542SRMF
45511				Male	Male	P3542SRMM
45512		Capped	Capped	Female	Female	P3542SXFF
45535				Female	Male	P3542SXFM
45536				Male	Female	P3542SXMF
45537				Male	Male	P3542SXMM

STACK FITTING for 4" PIPE						
PRODUCT	PIPE SIZE	LEFT SIDE OPENING	RIGHT SIDE OPENING	TOP FITTING	BOTTOM FITTING	MODEL
45513	<b>4"</b>	Open	Open	Female	Female	P4542SDFF
45514				Female	Male	P4542SDFM
45515				Male	Female	P4542SDMF
45516				Male	Male	P4542SDMM
45517		Open	Capped	Female	Female	P4542SLFF
45518				Female	Male	P4542SLFM
45519				Male	Female	P4542SLMF
45520				Male	Male	P4542SLMM
45521		Capped	Open	Female	Female	P4542SRFF
45522				Female	Male	P4542SRFM
45523				Male	Female	P4542SRMF
45524				Male	Male	P4542SRMM
45525		Capped	Capped	Female	Female	P4542SXFF
45538				Female	Male	P4542SXFM
45539				Male	Female	P4542SXMF
45540				Male	Male	P4542SXMM

PRODUCT	DESCRIPTION	MODEL
45526	3" X 2" ProVent PVC Base Assembly	P3542B
45527	4" X 3" ProVent PVC Base Assembly	P4542B
45528	3" X 2" Double Wye DW	P35392
46050	3" EZ Mechanical Coupling (Black)	P35470D
46055	4" EZ Mechanical Coupling (Black)	P45470D
45531	3" EZ Water Tester Device	P35470WT
45532	4" EZ Water Tester Device	P45470WT
45533	3" ProVent Cap	P3542C
45534	4" ProVent Cap	P4542C

## IPS CORPORATION

IPS Corporation®  
500 Distribution Parkway  
Collierville, TN 38017

800-888-8312  
901-853-5008 fax

[ipscorp.com/plumbing](http://ipscorp.com/plumbing)  
tncustserv@ipscorp.com