



SYSTEM 15[®] DWV

Drainage System for Non-combustible Buildings



What is System 15[®]?

This PVC Drain Waste and Vent (DWV) system is typically installed by mechanical contractors in low-rise and light commercial applications where DWV systems don't run through air plenums (an air plenum is an air distribution box that releases chilled or heated air into a building).

Why is System 15[®] used?

In residential homes, regular black ABS DWV pipe is approved for use. However, ABS has a Flame Spread rating greater than 25 so it is not approved for use in non-combustible buildings.

When installing DWV systems in commercial buildings, such as offices, condos, retail, long-term care homes etc., different Building Code requirements apply. As well, in the National Building Code, buildings are classified as either combustible, such as wood, or non-combustible, like steel and concrete.

Unlike the use of ABS DWV plastic piping in residential wood frame construction, the Building code requires minimum burn characteristics of combustible materials when used in non-combustible commercial type buildings.

If your customer is renovating a commercial non-combustible building, all the materials that will burn, including plastic pipe, must have a Flame Spread rating equal to or less than

25. System 15[®] is specifically engineered to achieve a Flame Spread rating of 25 or less, so it is approved for use in non-combustible buildings.

The use of System 15 is limited by specific building height restrictions.

Building Height Restrictions

Building Type	System 15 DWV (Low Buildings)
Commercial (Offices, Banks, Theatres, School, Retail)	Less than 36m (Less than approx. 11 storeys)
Residential (Apartments, Condominiums, Hotels)	Less than 18m (Less than approx. 7 storeys)
Care Facilities (Hospitals, Assisted Living Facilities)	Less than 3 storeys

When installed in mixed-use buildings, the most stringent height restriction applies.



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 System 15 DWV is not approved for use in, air plenums, ducts, or vertical shafts

System 15® DWV Product Listing

PIPE	Commercial #	Retail P/N	Box Qty
1 1/2"x6' PVC DWV Pipe	-	10019	-
2"x6' PVC DWV Pipe P/E	-	10021	-
3"x6' PVC DWV Pipe P/E System 15	-	10091	-
1 1/2"x12' PVC DWV Pipe	10001	10023	-
2"x12' PVC DWV Pipe P/E	10002	10022	-
3"x12' PVC DWV Pipe P/E	10003	10090	-

CEMENT	Commercial #	Retail P/N	Box Qty
118ml System 15 One-Step, Medium Bodied	-	326550	24
473ml System 15 One-Step, Medium Bodied	74098	74098	12
946ml System 15 Grey 1ST.M/B, Low VOC	74097	74097	12

FITTINGS 1-1/2"	Commercial #	Retail P/N	Box Qty
1 1/2" PVC DWV Cap H	26411	326518	25
1 1/2" PVC DWV Coupling HxH	26351	326516	40
1 1/2" PVC DWV Female Adapter HxFPT System 15	26341	326542	20
1 1/2" PVC DWV Fitting c/o SPxGSKT Plug System 15	26345	326545	15
1 1/2" PVC DWV Fitting Trap Adapter SPxSJ System 15	26304	326547	20
1 1/2" PVC DWV Line c/o w/ Plug HxHxGKT Plug System 15	26040	326546	10
1 1/2" PVC DWV Male Adapter HxMPT System 15	26331	326541	20
1 1/2" PVC DWV P Trap Union HxH System 15	26443	326556	10
1 1/2" PVC DWV P Trap HxH	26431	326519	10
1 1/2" PVC DWV P Trap Union/Co HxH	26505	326522	10
1 1/2" PVC DWV SAN TEE HxHxH	26081	326504	20
1 1/2" PVC DWV to Copper	26320	326523	15
1 1/2" PVC DWV Trap Adapter HxSJ	26321	326514	25
1 1/2"x1 1/2"x1 1/2" PVC DWV Dishwasher Wye HxHxB	26495	326521	10
1 1/2"x1 1/4" PVC DWV Tail Piece Adapter SPxSJ System 15	26556	326548	20
1 1/2"x1 1/4" PVC DWV to Copper	26430	326524	15
1 1/2"x1 1/4" PVC DWV Trap Adapter HxSJ	26329	326515	25
1 1/2"x1 1/2" PVC DWV Dishwasher Bushing SPxFPT System 15	26277	326544	25
1 1/2"x22 1/2D PVC DWV Elbow HxH System 15	26251	326540	10
1 1/2"x3/4" PVC DWV Reducer Bushing SPxFPT System 15	26278	326543	25
1 1/2"x45D PVC DWV Short Elbow HxH	26241	326511	45
1 1/2"x45D PVC DWV Short Elbow HxSP	26221	326509	20
1 1/2"x45D PVC DWV Wye HxHxH	26171	326507	15
1 1/2"x90D PVC DWV Short Elbow HxH	26121	326506	30
1 1/2"x90D PVC DWV SPxH	26231	326510	15

FITTINGS 2"	Commercial #	Retail P/N	Box Qty
2" PVC DWV Cap Hub System 15	26412	326554	15
2" PVC DWV Coupling HxH	26352	326517	20
2" PVC DWV Fitting c/o SPxGSKT Plug System 15	26346	326564	15
2" PVC DWV Line c/o w/ Plug HxHxGKT Plug System 15	26041	326565	7
2" PVC DWV Male Adapter HxMPT System 15	26332	326555	20
2" PVC DWV P Trap HxH	26432	326520	4
2" PVC DWV P Trap w/Union	26444	326525	5
2" PVC DWV Sanitary Tee HxHxH	26082	326505	12
2"x1 1/2" PVC DWV Coupling HxH System 15	26362	326553	20
2"x1 1/2" PVC DWV Reducer Bushing SPxH	26282	326513	20
2"x1 1/2" PVC DWV Sanitary Tee HxHxH	26056	326501	10
2"x1 1/2"x1 1/2" PVC DWV Sanitary Tee HxHxH	26058	326502	10
2"x1 1/2"x45D PVC DWV Wye HxHxH System 15	26195	326552	8
2"x22 1/2D PVC DWV Elbow HxH System 15	26252	326551	15
2"x45D PVC DWV Short Elbow HxH	26242	326512	25
2"x45D PVC DWV Short Elbow HxSP	26071	326503	25
2"x45D PVC DWV Wye HxHxH	26172	326508	12
2"x90D PVC DWV Elbow SPxH System 15	26232	326549	10
2"x90D PVC DWV Long Elbow HxH System 15	26122	326577	10
2"x90D PVC DWV Short Elbow HxH	26035	326500	20

FITTINGS 3"	Commercial #	Retail P/N	Box Qty
3" PVC DWV Cap HUB System 15	26413	326572	12
3" PVC DWV Coupling HxH System 15	26353	326569	10
3" PVC DWV Fitting c/o SPxGSKT Plug System 15	26347	326574	8
3" PVC DWV Line c/o w/ Plug HxHxGKT Plug System 15	26103	326575	4
3" PVC DWV Sanitary Tee HxHxH System 15	26083	326561	6
3"x1 1/2" PVC DWV Coupling HxH System 15	26363	326570	12
3"x1 1/2" PVC DWV Sanitary Tee HxHxH System 15	26061	326562	6
3"x1 1/2"x45D PVC DWV Wye HxHxH System 15	26201	326567	6
3"x2" PVC DWV Coupling HxH System 15	26364	326571	12
3"x2" PVC DWV Reducer Bushing SPxH System 15	26284	326573	12
3"x2" PVC DWV Sanitary Tee HxHxH System 15	26060	326563	4
3"x2"x45D PVC DWV Wye HxHxH System 15	26196	326568	8
3"x45D PVC DWV Short Turn Elbow HxH System 15	26243	326559	15
3"x45D PVC DWV Short Turn Elbow SPxH System 15	26223	326560	15
3"x45D PVC DWV Wye HxHxH System 15	26173	326566	6
3"x90D PVC DWV Elbow HxH System 15	26025	326557	10
3"x90D PVC DWV Elbow SPxH System 15	26233	326558	4
4"x3" PVC DWV Adjustable Closet Flange w/Mld Test Plate System 15	26588	326576	6



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