

ICC-ES PMG Product Certificate



PMG-1079

Effective Date: March 2025

ANST RELEASE A C C R E D I T E D PRODUCT CENTRE/CATION BODY

www.icc-es-pmg.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

This listing is subject to re-examination in one year.

CSI: DIVISION: 22 00 00 – PLUMBING Section: 22 13 16 – Sanitary Waste and Vent Piping

Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

- Product: Cast Iron Soil Pipe and Fittings
- Listee: AB&I Foundry 11910 County Road 492 Tyler, TX 75706 www.mcwanepldgrp.com

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012 and 2009 International Plumbing Code[®] (IPC) 2024, 2021, 2018, 2015, 2012 and 2009 International Residential Code[®] (IRC) 2024, 2021, 2018, 2015, 2012 and 2009 Uniform Plumbing Code[®] (UPC)*

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Compliance with the following standards:

CISPI 301-2021, (including Annex A) Standard Specification for Hubless Cast Iron Soil Pipe and Fittings For Sanitary and Storm Drain, Waste, and Vent Piping Applications ASTM A888-2024 (including Annex A1), Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application

Identification:

Each length of pipe and each fitting shall be plainly marked with the country of origin, the manufacturer's name or registered trademark by which the manufacturer can be readily identified after installation, and any appropriate collective mark (optional). The marking shall be adequate identification of the manufacturer of the pipe and fittings of it readily identifies the manufacturer to the end user of the product. Markings shall be cast on fittings.

Pipe markings: The pipe shall be marked continuously on the barrel with a minimum of 0.75 inch (19mm) lettering starting within 3 inches of each end of the pipe. Each pipe shall be marked with the date of manufacture and the ICC-ES PMG listing mark. The marking shall be stenciled on the pipe or otherwise applied so as to be clear and legible.

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.



Fitting markings: The marking shall be cast with raised letters that are not to be located within the "W" dimension. Cast markings shall be raised from the wall of the fitting unless otherwise noted. Fittings or fittings packaging shall be marked with the ICC-ES PMG listing mark.

Models:

AB&I Foundry Cast Iron Pipe and Fittings are used in Sanitary Waste Systems and Storm Drain Systems in accordance with the applicable code.

PIPE: Hubless Cast Iron Pipe in 5 and 10 Feet Nominal Lengths. SIZES: 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15"

FITTINGS:

Description	Sizes
1/4 Bend	1-1/2", 2", 3", 4", 5",
Reducing 1/4 Bend	4"x3"
1/4 Bend w/Side Opening	3"x2", 4"x2"
1/4 Bend w/Heel Opening	3"x2", 4"x2"
1/4 Bend w/Heel Inlet (Extended)	3"x2", 4"x2"
1/4 Bend, Tapped	1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2"
1/4 Bend, Long Radius Tapped	1-1/2"x1-1/2"
Double 1/4 Bend (Vent Only)	2", 3", 4"
Extended 1/4 Bend	2"x12", 2"x18", 2"x24", 3"x12", 3"x18", 4"x12"
Short Sweep	2", 3", 4", 5", 6", 8", 10", 12", 15"
Short Sweep, Double	2"
Long Sweep	1-1/2", 3", 4", 5", 6", 8"
Reducing Long Sweep	3"x2", 4"x3"
1/5 Bend	2", 3", 4"
1/6 Bend	2", 3", 4"
1/8 Bend	2", 3", 4", 5", 6", 8", 10", 12", 15"
Long 1/8 Bend	2"x12", 2"x14", 2"x16", 2"x18", 3"x12", 3"x18", 4"x12"
1/16 Bend	1-1/2", 2", 3", 5", 6", 8"
Sanitary Tee	1-1/2", 2"x1-1/2", 2", 3"x1-1/2", 3"x2", 3", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 5", 6"x2", 6"x3", 6"x4", 6"x5", 6", 8"x2", 8"x3", 8"x4", 8"x5", 8"x6", 8", 10", 10"x4" 10"x6", 10"x8", 12", 12"x6", 12"x8", 12"x10", 15", 15"x6", 15"x8", 15"x12"
Sanitary Tee w/Hi-Vent	2"x2"x2"
Increasing Sanitary Tee	3"x3"x4"
Increasing Sanitary Tee w/2" Side Opening (R or L)	3"x3"x4"x2"
Sanitary Tee w/R or L Side Opening	3"x3"x2", 4"x2"x2", 4"x3"x2", 4"x4"x2"
Sanitary Tee w/2" Side Opening w/R or L Opening or Both	3"x3"x2", 4"x4"x2"
Sanitary Tee w/Side Opening Above Center (R or L or Both)	3"x3"x2", 4
Sanitary Tee w/45° Side Openings Above Center (R or L or Both)	3"x3"x2", 4"x4"x2"
Sanitary Tapped Tee	1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2", 3"x3", 4"x1-1/4", 4"x1-1/2", 4"x2", 5"x1-1/4", 5"x1-1/2", 5"x2"
Sanitary Tee w/Tap on Top	2"x1-1/2"x2"
Sanitary Tee w/Hi-Vent Tap	2"x1-1/2"x2"
Sanitary Tapped Tee w/Tap on Top	2"x1-1/2"x1-1/2", 2"x1-1/2"x2", 2"x2"x1-1/2"
Sanitary Tapped Tee w/90° Side Sanitary Tap	2"x2"x2", 2"x1-1/2"x1-1/2", 3"x2"x2", 3"x1-1/2"x1-1/2"
Horizontal Twin Sanitary Tapped Tee	2"x1-1/2", 3"x1-1/2", 4"x1-1/2"
Double Vertical Sanitary Tapped Tee	2"x1-1/2", 3"x1-1/2", 4"x1-1/2"

6'x2', 5'x3', 5'x4', 6'x2', 6'x3', 6'x4', 6'x5', 6'x4', 6'x5', 6'x4', 6'x5', 6'x4', 6'x5', 6'x4', 6'x5', 6'x4', 6'x5', 10'x4', 10'x6', 12'x6',		
12"x4", 12"x6", 12"x6", 12"x6", 12"x1", 15" Wye w/2" Side Opening (R or L) 3", 4" Wye, Tapped (Single or Double) 2"x1-1/2", 2"x2", 3"x1-1/2", 3"x2", 4"x1-1/2", 4"x Double Wye 2", 3"x2", 3", 4"x2", 4"x3", 4", 5"x4", 6"x4", 6", 8" Wye, Double, 60 2", 3"x2", 3", 4"x2", 4"x3", 4" Upright Wye 2", 3"x2", 3", 4"x2", 4"x3", 4" Combination Wye and 1/8 Bend 1-1/2", 2", 3", 4"x3", 4" Combination Wye and 1/8 Bend Reducing 3"x2", 4"x3", 4" Combination Wye and 1/8 Bend Reducing 3"x2", 4"x3", 4" Combination Wye and 1/8 Bend Reducing 3"x2", 4"x3", 4", 4"x4", 4"x4", 4"x4", 4"x4", 4"x4", 4"x4", 4"x4", 5"x4", 6"x4", 6"x		1-1/2", 2", , 4", 5", 6", 8", 10", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2",
Wye w/2" Side Opening (R or L) 3', 4" Wye, Tapped (Single or Double) 2'x1-1/2', 2'x2', 3'x1-1/2', 3'x2', 4'x3', 4', 5'x4', 6'x4', 6', 8'' Double Wye 2', 3'x2', 3', 4'x2', 4'x3', 4'', 5'x4', 6'x4', 6', 8'' Wye, Double, 60 2', 3'x2', 3', 4'x2', 4''x3', 4'' Upright Wye - Wide Center 3', 4'x3', 4'' Combination Wye and 1/8 Bend 1-1/2', 2', 3'', 4', 5', 6'', 8'', 2''x1-1/2'', 3''x2', 4''x3', 4'' Combination Wye and 1/8 Bend Reducing 3'x2''x3', 3''x4'', 4''x2'', 4''x3'', 4'' Combination Wye and 1/8 Bend Reducing 3'x2''x3', 3''x4'', 4''x2'', 4''x3'', 4'', 2'' Combination Wye and 1/8 Bend Reducing 3'x2''x3', 3''x4'', 4''x3'', 4''', 4''x3'', 4'', 2'' Combination Wye and 1/8 Bend Reducing 3'x2''x3'', 4''x2'', 6''x3'', 6''x4'', 6''x3'', 6''x4'', 6''x4'', 6''x3'', 5'x6'', 5''x3'', 6''x4'', 6''x4'', 6''x4'', 6''x6'', 5''x3'', 6''x4'', 6'''x4'', 6''x4'', 6''x4'', 6''x4'', 6''x4'', 6'''x4''',		12"x4", 12"x5", 12"x6", 12"x8", 12"x10", 15", 15"x4",
Wye, Tapped (Single of Double) 2*x1-1/2", 2*x2", 3*x1-1/2", 3*x2", 4*x1-1/2", 4*x Double Wye 2*, 3*x2", 3*, 4*x2", 4*x3", 4*, 5*x4*, 6*x4*, 6*, 8* Wye 60 2*, 3*x2", 3*, 4*x2", 4* Upright Wye 2*, 3*x2", 3*, 4*x2", 4* Combination Wye and 1/8 Bend Reducing 3*, 4*x5", 5*x6", 6*, 6*, 2*x1-1/2", 3*x2", 4*x3 Combination Wye and 1/8 Bend Reducing 3*x2", 4*x2", 4*x2", 4*x3*3", 4*33*, 4* Combination Wye and 1/8 Bend Reducing 3*x2", 4*x2", 4*x2", 4*x3*3", 4*33*, 4* Combination Wye and 1/8 Bend Reducing 3*x3*x2*, 3*x4", 4*x3*4", 4*x3*3", 4*x3*4" Combination Wye and 1/8 Bend Bouble 2*, 3*x2", 4*x4*x2", 4*x3*3", 4* Sanitary Cross 3*x3*x2*, 4*x2", 6*x2", 6*x3", 6*x4", 8*x6" Sanitary Cross W/Side Opening 3*x3*x2*, 4*x4*x2" Increasing Sanitary Cross W/Side Openings Above 3*x3*x2*, 4*x4*x2" Canitary Tapped Cross (Vent Only) 3*x3*x2*, 4*x4*x2" Sanitary Tapped Cross (Vent Only) 1*1/2*x1*4*, 3*x1*1/2*, 6*x2*, 6*x3*, 6*x4*, 8*x6*, 15*x6*, 12*x		
Double Wye 2', 3'x2', 3', 4'x2', 4''x3', 4'', 5''x4'', 6''x4'', 6'', 6'', 8'' Wye, Double, 60 2', 3''x2', 3', 4''x2'', 4'' Upright Wye 2', 3''x2', 3', 4''x2'', 4'' Upright Wye 2', 3''x2', 3', 4''x2'', 4''x3'', 4'' Upright Wye 2', 3''x2', 3', 4''x2'', 4''x3'', 4'' Combination Wye and 1/8 Bend 1-1/2', 2', 3', 4'', 5'', 6'', 8'', 2''x1-1/2', 3''x2', 4''x4' Combination Wye and 1/8 Bend Reducing 3''x2', 4''x2'', 3''x2'', 4''x4'', 4''x3', 4''x4'', 4''x3'', 4''x4'', 4''x3'', 4''x4'', 4''x3'', 4''x4'', 4''x3'', 4''x4'', 4''x3'', 4''x4'', 4''x4''', 4''x4''', 4''x4'', 4''x4'', 4''x4''', 4''x4'', 4''x4'', 4''x4		
8'x6", 6'' Wye 60 2', 3'x2', 3', 4'x2', 4'' Wye, Double, 60 3'x2', 4'x2'' Upright Wye 2', 3'x2', 3', 4''x2'', 4''x3', 4'' Combination Wye and 1/8 Bend 1-1/2', 2'', 3', 4'', 5'', 6'', 6'', 2'', 2'', 4''x3'', 4''x2'', 4''x3'', 4''x2'', 4''x3'', 4''x2'', 4''x3'', 5''x2'', 5''x3'', 5''x4'', 6''x2'', 6''x3'', 5''x4'', 6''x2'', 6''x3'', 5''x4'', 6''x4'', 6''x4'', 6''x4'', 6''x3'', 4''x3'', 4'''x3'', 4''x3'', 4'''x3'', 4''x3'', 4''x3'', 4''x3'', 4''x2'', 6''x2'', 6''x3'', 6''x4'', 6''x4'', 8''x4''' Combination Wye and 1/8 Bend Bouble 2'', 3''x2'', 3'', 4''x2'', 6''x3'', 6''x4'', 6''x4'', 8''x4''' Combination Wye and 1/8 Bend Double 2'', 3''x2'', 4''x4'', 3'', 4''' Sanitary Cross Side Opening 3''x3''x2'', 4''x4'' Increasing Sanitary Cross (Vent Only) 3''x3''x2'', 4''x4''x2'' Increasing Sanitary Cross w/Side Openings Above 2''x1'1/4'', 3''x1'1/4'', 3''x1'1/4''', 3''x1'1/4'', 3''x1'1/4''', 3''x1'1/4'', 3''x1'1/4'',	ipped (Single or Double)	2"x1-1/2", 2"x2", 3"x1-1/2", 3"x2", 4"x1-1/2", 4"x2"
Wye 60 2", 3*2", 3', 4'x2", 4" Wye, Double, 60 3*2", 4*x2" Upright Wye 2", 3*2", 3', 4"x2", 4"x3", 4" Combination Wye and 1/8 Bend 1.1/2", 2", 3", 4", 5", 6", 8", 2"x1.1/2", 3"x2", 4"x3", 4" Combination Wye and 1/8 Bend Reducing 3'x4", 3", 3'x3", 4", 4"x2", 4"x3", 4"x3", 4"x3", 4"x3", 4"x3", 4"x3", 4"x3", 4"x3", 3"x3", 3"x3", 4", 4"x2", 4"x3", 4"x4", 8"x6", 5"x6", 6"x4",	Wye	2", 3"x2", 3", 4"x2", 4"x3", 4", 5"x4", 6"x4", 6", 8"x4", 8"x6", 8"
Upright Wye 2", 3*2", 3', 4*2", 4*X3", 4" Upright Wye - Wide Center 3", 4*X3", 4", 5", 6", 8", 2*X1-1/2", 3*X2", 4*X2 Combination Wye and 1/8 Bend 1.1/2", 2", 3", 4", 5", 6", 8", 2"X1-1/2", 3"X2", 4*X3 Gombination Wye and 1/8 Bend Reducing 3"x2"x3", 3"x3"x4", 4"x2"x4", 4"x3"x3", 4"x3"x4" Combination Wye and 1/8 Bend Wcleanout 2"x1-1/2"x2", 3"x2", 4"x2", 4"x3", 4"x3-1/2"x4" Combination Wye and 1/8 Bend Double 2"x3", 3"x3"x4", 4"x2", 4"x3", 4" Sanitary Cross 3"x2", 4"x2", 6"x2", 6"x3", 6"x4", 8"x4", 8"x6" Sanitary Cross w/Side Opening 3"x3"x2", 4"x4"x2" Increasing Sanitary Cross w/Side Openings Above 3"x3"x2", 4"x4"x2" Corsos w/Two 45" Side Openings on Same 3"x3"x2", 4"x4"x2" Sanitary Topsed Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", Test Tee (PS Tap Same as Nominal Unless 2", 3"x4"-x2", 5"x3", 4"x3", 4"x4"x3-1/2"x18" Test Tee, Extended 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Extended 3"x3"x2", 4"x4", 3"x4", 4"x6", 5"x6", 15"x8", 15"x10" Increaser - Reducer 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Tapped Extension Piece 2"x1-1/2",		
Upright Wye - Wide Center 3", 4"x3", 4" Combination Wye and 1/8 Bend 1-1/2", 2", 3", 4", 5", 6", 8", 2", 1-1/2", 3"x2", 4"x6", 6"x4", 6"x4", 6"x4", 6"x4", 6"x5", 5"x6",	puble, 60	
Combination Wye and 1/8 Bend 1-1/2", 2", 3", 4", 5", 6", 8", 2"x1-1/2", 3"x2", 4"x2 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x4", 6"x2", 6"x4", 6"x2", 4"x4", 8"x5", 8"x6" Combination Wye and 1/8 Bend Reducing 3"x2"x2", 3"x3"x4", 4"x2", 4"x3", 3"x3", 4"x3"x4", Combination Wye and 1/8 Bend w/Cleanout 2"x1-1/2"x2", 3"x2", 4", 4"x3", 4"x4", 4"x3"x3", 4"x4", Sanitary Cross Combination Wye and 1/8 Bend Mc/Cleanout 2"x1-1/2"x2", 3"x2", 4"x2", 6"x2", 6"x4", 6"x4", 8"x4", Sanitary Cross 3"x2", 4"x2", 6"x2", 6"x3", 6"x4", 8"x4", 8"x6" Sanitary Cross W/Side Opening 3"x3"x2", 4"x2", 6"x2", 6"x3", 6"x4", 8"x4", 8"x6" 3"x3"x2", 4"x4", 4" Increasing Sanitary Cross W/Side Openings Above Center (Vent Only) 3"x3"x2", 4"x4"x2" 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2", 1/		
4*x3*, 5*x2*, 5*x3*, 5*x4*, 6*x2*, 6*x3*, 6*x4*, 6*x 8*x4*, 8*x5*, 8*x6* Combination Wye and 1/8 Bend w/Cleanout 2*x1*1/2*x2*, 3*x2*, 4*x3*, 4*x3*x3*, 4*x3*x4* Combination Wye and 1/8 Bend w/Cleanout 2*x1*1/2*x2*, 3*x2*, 4*x3*, 4*x3*, 4*x3*x4* Sanitary Cross Sanitary Cross 3*x2*, 4*x2*, 6*x2*, 6*x3*, 6*x4*, 8*x4*, 8*x6* Sanitary Cross w/Side Opening 3*x3*x2*, 4*x4*x2* Increasing Sanitary Cross w/Side Openings Above Center (Vent Only) Sanitary Cross w/Side Openings Above Center (Vent Only) Sanitary Torss w/Tapped Cross 2*x1+1/4*, 3*x1+1/4*, 3*x1+1/4*, 3*x1+1/2*, 3*x2*, 4*x1+1/4*, 3*x1+1/2*, 3*x2*, 4*x1+1/4*, 3*x1+1/2*, 6*x2+1/2*, 7*x2*, 3*x3*x18*, 4*x4*x3+1/2*, 7*x2*, 7*x2*, 4*x3+1/2*, 7*x2*, 7*x3*, 7*x4*, 7*x3*, 7*x4*, 7*x3*, 7*x4*, 7*x3*, 7*x4*,		
Combination Wye and 1/8 Bend w/Cleanout 2"x1-1/2"x3", 3"x2-1/2"x3", 4"x3-1/2"x4" Combination Wye and 1/8 Bend Double 2", 3" x 2", 3", 4" x 2", 3", 4" x 3", 4" Sanitary Cross 3"x2", 4"x2", 3"x 4" x 3", 4" Sanitary Cross w/Side Opening 3"x3"x2", 4"x4"x2" Increasing Sanitary Cross (Vent Only) 3"x3"x4"x4" Increasing Sanitary Cross w/Side Opening (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings Above 3"x3"x2", 4"x4"x2" Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings on Same 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2" Sanitary Tapped Cross 2"x1-1/4", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/2", 2"x2", 4"x4"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x2", 4"x4"x2" Indicated) 2", 3", 4"x3-1/2"x8", 3"x3"x8", 4"x3-1/2"x8" Test Tee, Extended, Reducing 3"x3"x2-1/2"x18", 3"x3"x3"x8", 4"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18", 3"x3"x3"x8", 4"x3-1/2"x4", 12"x6", 12"x4", 12"x6", 12"x4", 12"x6", 12"x4", 12"x6", 12"x4", 12"x6", 12"x4", 12"x6", 12"x4", 12"x6", 5"x6", 12"x4", 12"x6", 12"x4", 12"x6", 12"x4",	ation Wye and 1/8 Bend	4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x4", 8"x5", 8"x6"
Combination Wye and 1/8 Bend Double 2", 3" x 2", 3", 4" x 2", 4"x 2", 6"x 3", 6"x 4", 8"x 4", 8"x 6" Sanitary Cross 3"x 2", 4"x 2", 6"x 3", 6"x 4", 8"x 4", 8"x 6" Sanitary Cross W/Side Opening 3"x 3"x 4"x 4" Increasing Sanitary Cross W/2" Side Openings Above 3"x 3"x 4"x 4" Increasing Sanitary Cross W/Side Openings Above 3"x 3"x 2", 4"x 4"x 2" Center (Vent Only) 3"x 3"x 2", 4"x 4"x 2" Sanitary Cross w/Side Openings on Same 3"x 3"x 2", 4"x 4"x 2" Side (Vent Only) 3"x 3"x 2", 4"x 4"x 2" Sanitary Tapped Cross 2"x 1-1/4", 3"x 1-1/4", 6"x 1-1/2", 3"x 2", 4"x 1-1/4", 1/2", 4"x 1-1/2", 2"x 4", 4"x 2" Sanitary Tapped Cross (Vent Only) 1-1/2"x 1-1/4", 3"x 1-1/4", 6"x 1-1/2", 2"x 2", 4"x 1-1/4", 1/2", 1/2", 2"x 1-1/2", 2"x 2" Sanitary Tapped Cross (Vent Only) 1-1/2"x 1-1/4", 1-1/2", 1/2", 2"x 1-1/2", 2"x 2" Test Tee (IPS Tap Same as Nominal Unless 2", 3", 4"x 3-1/2"x 18", 3"x 3"x 3"x 18", 4"x 4"x 3-1/2"x 18 Test Tee, Extended 3"x 3"x 2"-1/2"x 18", 3"x 3"x 3", 4"x 3-1/2"x 4"x 4"x 3-1/2"x 18" Test Tee, Reducing 4"x 3"x 3-1/2" Test Tee, Reducer 2"x 1-1/2", 3"x 4", 3"x 4", 4"x 3", 5"x 6", 12"x 4", 12"x 4", 12"x 6", 12"x 4", 12"x 6", 12	ation Wye and 1/8 Bend Reducing	3"x2"x3", 3"x3"x4", 4"x2"x4", 4"x3"x3", 4"x3"x4"
Sanitary Cross 3"x2", 4"x2", 6"x2", 6"x3", 6"x4", 8"x4", 8"x6" Sanitary Cross W/Side Opening 3"x3"x2", 4"x4", 4"x2" Increasing Sanitary Cross W/2" Side Opening (Vent Only) 3"x3"x4"x4" Increasing Sanitary Cross W/2" Side Openings Above Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross W/Side Openings Above Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross W/Two 45" Side Openings on Same Side (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2", x1-1/4", 1-1/2", 1-1/2", 2"x1-1/2", 2"x2" Test Tee (IPS Tap Same as Nominal Unless Indicated) 2", 3", 4"x3-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Extended 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18" Test Tee, Reducer 2"x1-1/2", 3"x2", 4"x3", 5"x2", 5"x4", 15"x6", 15"x8", 15"x4", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 6"x4", 6"x5", 6"x2", 6"x3", 5"x4", 5"x4", 5"x6", 10"x4", 10"x6", 15"x8", 15"x4", 15"x6", 15"x8", 15"x4", 15"x6", 15"x8", 15"x4", 15"x6", 15"x8", 5"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x6", 10"x4", 10"x6", 15"x8", 15"x4", 15"x6", 15"x4", 5"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x6", 10"x4", 10"x6", 15"x4", 15"x6', 15"x4", 15"x6', 15"x4", 5"x4", 5"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x8	ation Wye and 1/8 Bend w/Cleanout	
Sanitary Cross w/Side Opening 3"x3"x2", 4"x4"x2" Increasing Sanitary Cross (Vent Only) 3"x3"x4"x4" Increasing Sanitary Cross w/Side Opening (Vent Only) 3"x4"x2" Only 3"x3"x2", 4"x4"x2" Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Side Openings Above 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings on Same 3"x3"x2", 4"x4"x2" Side (Vent Only) 3"x3"x2", 6"x1-1/4", 3"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross 2"x1-1/4", 1-1/2"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2", 4", 5", 6", 8", 10" Indicated) 1"x3"x2"/x4"x8" Test Tee (IPS Tap Same as Nominal Unless Indicated) 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2" Tapped Extension Piece 2"x1-1/2", 3"x2", 4"x4", 4"x6", 5"x6", 15"x6", 15"x4", 6"x4", 6"x4", 6"x4", 6"x5, 8"x6"		
Increasing Sanitary Cross (Vent Only) 3"x3"x4"x4" Increasing Sanitary Cross w/2" Side Opening (Vent Only) 3"x4"x2" Increasing Sanitary Cross w/2" Side Openings Above Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings on Same Side (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 1-2", 2"x2", 4"x2" Test Tee (IPS Tap Same as Nominal Unless Indicated) 2", 3", 4"x3-1/2", 4"x, 5", 6", 8", 10" Test Tee, Extended 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Extended, Reducing 3"x3"x2-1/2"x18", 3"x3"x3", 4"x4"x3-1/2"x18" Test Tee, Reducing 4"x3", 3'-1/2"x18", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x6", 15"x8", 15"x10" Increaser - Reducer 2"x1-1/2", 3"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 4"x3", 5"x2", 4"x3", 5"x4", 6" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x3", 5"x2", 4"x3", 5"x2", 4"x3", 5"x2", 4"x3", 5"x2", 4"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x6", 6"x5", 6"x6", 6"x5", 6"x6", 6"x5", 6"x6", 6"x5", 6"x6", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x6", 6"x5", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 5"x4", 6"x5", 6"x2", 5"x4", 6"x5", 6"x2", 5"x4", 6"x5", 6"x2", 5"x4", 6"x5		
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Only) 3"x3"x2", 4"x4"x2" Increasing Sanitary Cross w/Side Openings Above Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings on Same Side (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 6"x1-1/2", 6"x2" Test Tee (IPS Tap Same as Nominal Unless Indicated) 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Test Tee, Extended 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Reducing 3"x2"x2-1/2"x18", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Test Tee, Reducing 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4", 3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x 8"x6", 10"x4", 10"x6", 10"x6"		
Center (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Cross w/Two 45° Side Openings on Same Side (Vent Only) 3"x3"x2", 4"x4"x2" Sanitary Tapped Cross 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 2"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/2", 2"x2" Test Tee (IPS Tap Same as Nominal Unless Indicated) 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Indicated) 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2" Tapped Extension Piece 2"x1-1/2", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" Increaser - Reducer 2"x1-1/2", 3"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 6"x2", 8"x3", 8"x4", 8"; 8"x6", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/4", 3"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/4", 3"x1-1/2", 2"x2", 3"x2-1/2", 4"x2", 5"x44", 6", 6", 8" Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8" Iron Body Cleanout Tapped 3", 4", 5", 6", 6", 8" P Trap 1-1/2", 2", 3", 4", 5", 6", 8" Long P Trap 2"x1-1/2"x14", 2"x14", 2"x16", 2"x18", 2"x24"		
Side (Vent Only) 2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 1/4", 1/4", 1/4", 6"x1-1/4", 6"x1-1/4", 6"x2" Sanitary Tapped Cross 2"x1-1/4", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2", 6"x1-1/2", 6"x2" Test Tee (IPS Tap Same as Nominal Unless 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Indicated) 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Test Tee, Extended 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Reducing 4"x3" x3-1/2"x18", 3"x2"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Reducing 4"x3" x3-1/2" Tapped Extension Piece 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4", 3-1/2"x4", 12"x6", 12"x8", 12"x10", 15"x8", 15"x10" Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 15"x8", 15"x10" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x3", 5"x2", 8"x3", 8"x4", 8"x Blind Plug 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 5"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x Blind Plug 1-1/2", 2", 3", 4", 6" Deep Seal P Trap 2"x1-1/2"x16", 2"x21", 2"x16", 2"x14", 2"x16", 2"x1-1/2"x16", 2"x2"x1	Vent Only)	
1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2" Sanitary Tapped Cross (Vent Only) 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/2", 2"x2" Test Tee (IPS Tap Same as Nominal Unless 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Indicated) 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Reducing 4"x3" x3-1/2"x18" Test Tee, Reducing 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Test Tee, Reducing 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4", 3-1/2"x4", 12"x6",	ent Only)	
Test Tee (IPS Tap Same as Nominal Unless Indicated) 2", 3", 4"x3-1/2", 4", 5", 6", 8", 10" Test Tee, Extended 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x2"x3"x18", 4"x2"x3-1/2"x18 Test Tee, Reducing 4"x3"x3-1/2" Test Tee, Reducing 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x18", 4"x2"x3-1/2"x18" Test Tee, Reducing 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x1", 1/2", 2"x2", 3"x3", 4"x3-1/2"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" Increaser - Reducer 2"x1", 1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x8", 8"x4", 8"x8", 8"x6", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2", 1-1/2", 3"x2", 3"x2-1/2", 4"x2 Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3" 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x1-1/2", 2"x2", 4"x2", 4"x1", 2"x14", 2"x24" Long P Trap 2"x1-1/2", 2"x2", 3", 4", 6" Deep Seal P Trap 2"x1-1/2"x16", 2"x2"x16", 2"x1-1/2"x18", 2"x2"x1	⁷ Tapped Cross	2"x1-1/4", 3"x1-1/4", 3"x1-1/2", 3"x2", 4"x1-1/4", 4"x1- 1/2", 4"x2", 6"x1-1/4", 6"x1-1/2", 6"x2"
Indicated) 3"x3"x2-1/2"x18", 3"x3"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x2"x3"x18", 4"x4"x3-1/2"x18 Test Tee, Extended, Reducing 4"x3"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2"x18" Tapped Extension Piece 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x48", 12"x6", 12"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x8", 15"x10", 2"x2", 6"x3", 6"x3", 6"x4", 6"x5", 8"x2",		
Test Tee, Extended, Reducing 3"x2"x2-1/2"x18", 3"x2"x3"x18", 4"x2"x3-1/2"x18 Test Tee, Reducing 4"x3" x3-1/2" Tapped Extension Piece 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x8" Tapped Adaptors 2"x1-1/2", 10"x1-1/2", 10"x6", 11/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 4"x3 Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x1-1/2", 2"x14", 2"x16", 2"x14", 2"x14", 2"x14", 2"x24" Long P Trap 2"x1-1/2"x12", 2"x2", 4" Deep Seal P Trap 2", 3", 4"	•	2", 3", 4"x3-1/2", 4", 5", 6", 8", 10"
4"x3" x3-1/2"x18" Test Tee, Reducing 4"x3"x3-1/2" Tapped Extension Piece 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x8", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2", 3"x2-1/2", 4"x3 Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x1-1/2", 2"x14", 2"x16", 2"x14", 2"x14", 2"x2", 4" Deep Seal P Trap 2"x1-1/2"x14", 2"x1-1/2"x14", 2"x2", 4"	·	
Tapped Extension Piece 2"x1-1/2", 2"x2", 3"x3", 4"x3-1/2"x4"x3-1/2"x18" Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x12" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x8", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2", 3"x2", 3"x2", 3"x2-1/2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x5", 8"x6", 10"x4", 10"x6", Blind Plug 1-1/2"x1-1/4", 1-1/2"x1-1/2", 3"x2", 3"x2", 3"x2-1/2", 4"x3 Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x1-1/2"x12", 2"x14", 2"x16", 2"x18", 2"x24" Long P Trap, Tapped 2"x1-1/2"x16", 2"x12", 2"x14", 2"x16", 2"x18", 2"x2", 12", 2"x14", 2"x16", 2"x14", 2"x14", 2"x16", 2"x14", 2"x2", 2"x14", 2"x2", 2"x14", 2"x16", 2"x14", 2"x2", 2"x14", 2"x2", 2"x14", 2"x16", 2"x14", 2"x24"		4"x3" x3-1/2"x18"
Increaser - Reducer 2"x3", 2"x4", 3"x4", 4"x6", 5"x6", 12"x4", 12"x6", 12"x8", 12"x10", 15"x10", 15"x12" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x 8"x6", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2-1, 3"x2-1/2", 4"x3", 5"x6" Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 5", 6", 2"x18", 2"x24" Long P Trap 2"x1-1/2"x12", 2"x14", 2"x16", 2"x18", 2"x24" Deep Seal P Trap 2"x1-1/2"x16", 2"x2"x16", 2"x16", 2"x18", 2"x2"x14", 2"x2"x16", 2"x16", 2"x16", 2"x16", 2"x174", 2"x2"x16", 2"x2"x16", 2"x174", 2"x2"x16", 2"x2", 3", 4"	e, Reducing	
12"x8", 12"x10", 15"x4", 15"x6", 15"x8", 15"x10" 15"x12" Short Increaser - Reducer 2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x 8"x6", 10"x4", 10"x6", Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2" 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2", 3"x2", 3"x2-1/2", 4"x3" 5"x4", 6"x5", 8"x6" Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x1-1/2"x12", 2"x14", 2"x16", 2"x18", 2"x24" Long P Trap 2"x1-1/2"x12", 2"x2"x16", 2"x18", 2"x24" Deep Seal P Trap 2", 3", 4"		
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Tapped Adaptors 1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2", 2"x1-1/2", 2"x2", 3"x1-1/4", 3"x1-1/2", 3"x2", 3"x2-1/2", 4"x3 5"x4", 6"x5", 8"x6" Blind Plug 1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15" Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap, Tapped 2"x1-1/2"x12", 2"x14", 2"x16", 2"x18", 2"x24" Z"x1-1/2"x12", 2"x2"x16", 2"x1-1/2"x14", 2"x2"x1 Deep Seal P Trap 2", 3", 4"	creaser - Reducer	2"x1-1/2", 3"x2", 4"x2", 4"x3", 5"x2", 5"x3", 5"x4", 6"x2", 6"x3", 6"x4", 6"x5", 8"x2", 8"x3", 8"x4", 8"x5", 8"x6", 10"x4", 10"x6".
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Iron Body Cleanout Tapped 3", 4", 5", 6", 8" P Trap 1-1/2", 2", 3", 4", 6" Long P Trap 2"x12", 2"x14", 2"x16", 2"x18", 2"x24" Long P Trap, Tapped 2"x1-1/2"x12", 2"x2"x12", 2"x1-1/2"x14", 2"x2"x1 Deep Seal P Trap 2", 3", 4"		1-1/2", 2", 3", 4", 5", 6", 8", 10", 12", 15"
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Deep Seal P Trap 2", 3", 4"		2"x1-1/2"x12", 2"x2"x12", 2"x1-1/2"x14", 2"x2"x14", 2"x1-1/2"x16", 2"x2"x16", 2"x1-1/2"x18", 2"x2"x18"
	eal P Trap	
P Trap, Reducing 3"x2", 4"x3"		3"x2", 4"x3"
P Trap w/Primer 2", 3", 4"		
		1-1/2"x1-1/4", 1-1/2"x1-1/2", 2"x1-1/4", 2"x1-1/2",

Hub Adaptor	2", 3", 4"
Figure 1A Fitting	2"x2"x1-1/2"x1-1/2"
Figure 1B Fitting	2"x1-1/2"x1-1/2"x1-1/2"
Figure 2 Fitting, Single (L or R)	2"x2"x2"x1-1/2", 2"x2"x1-1/2"x1-1/2"
Figure 2 Fitting, Double	2"x2"x2"x1-1/2", 2"x2"x1-1/2", 1-1/2"
Figure 5 Fitting	2", 3"x2"x3", 3", 4"x2"x4", 4"x3"x4", 4"
Figure 5 Fitting, Extended	3"x2"x3", 4"x2"x4"
Figure 6 Fitting Regular or Extended (L or R or Double)	3"x2", 4"x2"
Figure 8 Fitting Extended Regular(L or R or Double)	3"x2", 4"x2"
Combination, Partition, Long	2"
Carlson Fitting w/Hubless or Tapped Vent	2"x2"x1-1/2"x1-1/2" (No Hub Vent), 2"x1-1/2"x1- 1/2"x1-1/2" (Tapped Vent)
Stack Wye	4"x3"x3-1/2"
Two Way Cleanout	3"x3"x4", 4"x3"x4", 4"x4"x4", 6"x6"x6"
Twin Cleanout	4"
Closet Bend	3"x4"x4"x16", 3"x4"x6"x12", 3"x4"x6"x16",
	3"x4"x10"x12", 3"x4"x10"x16", 3"x4"x12"x16",
	4"x4"x4"x16", 4"x4"x6"x12", 4"x4"x6"x16",
	4"x4"x10"x12", 4"x4"x10"x16", 4"x4"x12"x16"
Closet Flange	4"x3"x3-1/2", 4"x3"x5-1/2", 4"x4"x4"
Stack Fitting (R or L)	3"x4"x2"x2"x2"

Conditions of Listing:

- 1. AB&I Foundry Cast Iron Pipe and Fittings must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions. The instructions within this listing must govern if there are any conflicts between the manufacturer's published instructions and this listing.
- 2. Pipe and Fittings are manufactured in Tyler, Texas under a quality control program with an annual surveillance inspection by ICC-ES.