



CSI: DIVISION: 22 00 00—PLUMBING
Section: 22 11 16—Domestic Water Piping
Section: 22 11 00—Facility Water Distribution

DIVISION: 23 00 00—HEATING, VENTILATING AND AIR-CONDITIONING (HVAC)
Section: 23 21 13—Hydronic Piping

Product: Press Fittings: Press-connect copper fittings used in potable hot and cold-water distribution systems and hydronic heating and cooling systems

Listee: Zhuji City Howhi Air Conditioners Made Co. Ltd.
Yangmeiqiao Industrial Area, Ruanshi
Zhuji City, Zhejiang Province 311802
China

Compliance with the following codes:

2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Plumbing Code*® (IPC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Mechanical Code*® (IMC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Plumbing Code*® (UPC)*
2024, 2021, 2018, 2015, 2012, 2009 and 2006 *Uniform Mechanical Code*® (UMC)*
2022, 2019, 2016, 2013 and 2010 *California Plumbing Code* (CPC)
2022, 2019, 2016, 2013 and 2010 *California Mechanical Code* (CMC)
2023, 2020 and 2017 *City of Los Angeles Plumbing Code*
2023, 2020, and 2017 *City of Los Angeles Mechanical Code*
2023, 2021, 2017 and 2007 *Code of Massachusetts Regulation 248 CMR 10.00: Uniform State Plumbing Code*
2023, 2021, 2017 *Massachusetts State Building Code 780 CMR Ninth Edition: Chapter 28*
2022 and 2017 *Uniform Illustrated Plumbing Code-India (UIPC-I)**
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Compliance with the following standards:

ICC-ES LC1002-2010 (Editorially revised Feb 2013), Press-Connection Fittings for Potable Water Tube and Radiant Heating Systems
NSF/ANSI/CAN 61-2023, Drinking Water Systems Components—Health Effects
NSF/ANSI/CAN 372-2022, Drinking Water System Components – Lead Content
ASME B16.51-2021, Copper and Copper Alloy Press-Connect Pressure Fittings
IAPMO/ANSI/CAN Z1117-2022, Press Connections

Identification:

The Press fittings must bear a permanent marking with the following information:

- a) Manufacturer's name or trademark; or
- b) In the case of private labeling, the name, trademark or other mark of the customer for whom the fitting is manufactured.
- c) Nominal size corresponding to the copper tube size.
- d) Date of manufacture (date code or batch code).
- e) ICC-ES mark of conformity.

Packages of fittings must be labelled with

- a) Manufacturer's name or trademark; or
- b) In the case of private labeling, the name, trademark or other mark of the customer for whom the fitting is manufactured.
- c) Model number.
- d) ICC-ES mark of conformity.

Installation:

Press fittings must be installed in accordance with this listing, the applicable code and the manufacturer's published installation instructions. The manufacturer's published installation instructions must be furnished to the code official.

Models:

The Press fittings are available in sizes from 1/2 inch (13mm) to 4 inches (108mm). Press fittings are rated for a maximum operating pressure of 200 pounds per square inch (psi) (1378 kPa). Fittings are available in copper and are provided with a factory-installed EPDM (ethylene propylene diene monomer) sealing element. The Press fittings have been evaluated to comply with NSF/ANSI/CAN 61 for drinking water applications at commercial hot temperature 180 °F(82 C°).

Zhuji City Howhi Air Conditioner Made Co. Ltd.

Model No.	Product description
107ANV16AB	1/2 P x P Press 45 Elbow
107ANV22AB	3/4 P x P Press 45 Elbow
107ANV28AB	1 P x P Press 45 Elbow
107ANV35AB	1-1/4 P x P Press 45 Elbow
107ANV42AB	1-1/2 P x P Press 45 Elbow
107ANV54AB	2 P x P Press 45 Elbow
107ANV67AB	2-1/2 P x P Press 45 Elbow
107ANV80AB	3 P x P Press 45 Elbow
107ANV105AB	4 P x P Press 45 Elbow
108ANV16AB	1/2 P x FTG Press 45 Street Elbow
108ANV22AB	3/4 P x FTG Press 45 Street Elbow
108ANV28AB	1 P x FTG Press 45 Street Elbow
108ANV35AB	1-1/4 P x FTG Press 45 Street Elbow
108ANV42AB	1-1/2 P x FTG Press 45 Street Elbow
108ANV54AB	2 P x FTG Press 45 Street Elbow
108ANV67AB	2-1/2 P x FTG Press 45 Street Elbow
108ANV80AB	3 P x FTG Press 45 Street Elbow
108ANV105AB	4 P x FTG Press 45 Street Elbow
105ANV16AB	1/2 P x P Press 90 Elbow
105ANV22AB	3/4 P x P Press 90 Elbow
105ANV28AB	1 P x P Press 90 Elbow
105ANV35AB	1-1/4 P x P Press 90 Elbow

105ANV42AB	1-1/2 P x P Press 90 Elbow
105ANV54AB	2 P x P Press 90 Elbow
105ANV67AB	2-1/2 P x P Press 90 Elbow
105ANV80AB	3 P x P Press 90 Elbow
105ANV105AB	4 P x P Press 90 Elbow
104ANV22AL	3/4 P x FTG Press 90 Extended Street Elbow, L6"
121ANV2216AB	3/4x1/2 P x P Press 90 Elbow
121ANV2822AB	1x3/4 P x P Press 90 Elbow
106ANV16AB	1/2 P x FTG Press 90 Street Elbow
106ANV22AB	3/4 P x FTG Press 90 Street Elbow
106ANV28AB	1 P x FTG Press 90 Street Elbow
106ANV35AB	1-1/4 P x FTG Press 90 Street Elbow
106ANV42AB	1-1/2 P x FTG Press 90 Street Elbow
106ANV54AB	2 P x FTG Press 90 Street Elbow
106ANV67AB	2-1/2 P x FTG Press 90 Street Elbow
106ANV80AB	3 P x FTG Press 90 Street Elbow
106ANV105AB	4 P x FTG Press 90 Street Elbow
137ANV16AB	1/2 P Press Cap
137ANV22AB	3/4 P Press Cap
137ANV28AB	1 P Press Cap
137ANV35AB	1-1/4 P Press Cap
137ANV42AB	1-1/2 P Press Cap
137ANV54AB	2 P Press Cap
137ANV67AB	2-1/2 P Press Cap
137ANV80AB	3 P Press Cap
137ANV105AB	4 P Press Cap
111ANV16AB	1/2 P x P Press Coupling No Stop
111ANV22AB	3/4 P x P Press Coupling No Stop
111ANV28AB	1 P x P Press Coupling No Stop
111ANV35AB	1-1/4 P x P Press Coupling No Stop
111ANV42AB	1-1/2 P x P Press Coupling No Stop
111ANV54AB	2 P x P Press Coupling No Stop
111ANV67AB	2-1/2 P x P Press Coupling No Stop
111ANV80AB	3 P x P Press Coupling No Stop
111ANV105AB	4 P x P Press Coupling No Stop
100ANV16AB	1/2 P x P Press Coupling with Stop
100ANV22AB	3/4 P x P Press Coupling with Stop
100ANV28AB	1 P x P Press Coupling with Stop
100ANV35AB	1-1/4 P x P Press Coupling with Stop
100ANV42AB	1-1/2 P x P Press Coupling with Stop
100ANV54AB	2 P x P Press Coupling with Stop
100ANV67AB	2-1/2 P x P Press Coupling with Stop
100ANV80AB	3 P x P Press Coupling with Stop
100ANV105AB	4 P x P Press Coupling with Stop
101ANV2216AB	3/4x1/2 P x P Press Coupling Reducer

101ANV2816AB	1x1/2 P x P Press Coupling Reducer
101ANV2822AB	1x3/4 P x P Press Coupling Reducer
101ANV3516AB	1-1/4x1/2 P x P Press Coupling Reducer
101ANV3522AB	1-1/4x3/4 P x P Press Coupling Reducer
101ANV3528AB	1-1/4x1 P x P Press Coupling Reducer
101ANV4222AB	1-1/2x3/4 P x P Press Coupling Reducer
101ANV4228AB	1-1/2x1 P x P Press Coupling Reducer
101ANV4235AB	1-1/2x1-1/4 P x P Press Coupling Reducer
101ANV5422AB	2x3/4 P x P Press Coupling Reducer
101ANV5428AB	2x1 P x P Press Coupling Reducer
101ANV5435AB	2x1-1/4 P x P Press Coupling Reducer
101ANV5442AB	2x1-1/2 P x P Press Coupling Reducer
101ANV6728AB	2-1/2x1 P x P Press Coupling Reducer
101ANV6735AB	2-1/2x1-1/4 P x P Press Coupling Reducer
101ANV6742AB	2-1/2x1-1/2 P x P Press Coupling Reducer
101ANV6754AB	2-1/2x2 P x P Press Coupling Reducer
101ANV8035AB	3x1-1/4 P x P Press Coupling Reducer
101ANV8042AB	3x1-1/2 P x P Press Coupling Reducer
101ANV8054AB	3x2 P x P Press Coupling Reducer
101ANV8067AB	3x2-1/2 P x P Press Coupling Reducer
101ANV10554AB	4x2 P x P Press Coupling Reducer
101ANV10567AB	4x2-1/2 P x P Press Coupling Reducer
101ANV10580AB	4x3 P x P Press Coupling Reducer
102ANV2216AB	3/4x1/2 FTG x P Press Bushing Reducer
102ANV2816AB	1x1/2 FTG x P Press Bushing Reducer
102ANV2822AB	1x3/4 FTG x P Press Bushing Reducer
102ANV3516AB	1-1/4x1/2 FTG x P Press Bushing Reducer
102ANV3522AB	1-1/4x3/4 FTG x P Press Bushing Reducer
102ANV3528AB	1-1/4x1 FTG x P Press Bushing Reducer
102ANV4216AB	1-1/2x1/2 FTG x P Press Bushing Reducer
102ANV4222AB	1-1/2x3/4 FTG x P Press Bushing Reducer
102ANV4228AB	1-1/2x1 FTG x P Press Bushing Reducer
102ANV4235AB	1-1/2x1-1/4 FTG x P Press Bushing Reducer
102ANV5416AB	2x1/2 FTG x P Press Bushing Reducer
102ANV5422AB	2x3/4 FTG x P Press Bushing Reducer
102ANV5428AB	2x1 FTG x P Press Bushing Reducer
102ANV5435AB	2x1-1/4 FTG x P Press Bushing Reducer
102ANV5442AB	2x1-1/2 FTG x P Press Bushing Reducer
102ANV6728AB	2-1/2x1 FTG x P Press Bushing Reducer
102ANV6735AB	2-1/2x1-1/4 FTG x P Press Bushing Reducer
102ANV6742AB	2-1/2x1-1/2 FTG x P Press Bushing Reducer
102ANV6754AB	2-1/2x2 FTG x P Press Bushing Reducer
102ANV8035AB	3x1-1/4 FTG x P Press Bushing Reducer
102ANV8042AB	3x1-1/2 FTG x P Press Bushing Reducer
102ANV8054AB	3x2 FTG x P Press Bushing Reducer

102ANV8067AB	3x2-1/2 FTG x P Press Bushing Reducer
102ANV10554AB	4x2 FTG x P Press Bushing Reducer
102ANV10567AB	4x2-1/2 FTG x P Press Bushing Reducer
102ANV10580AB	4x3 FTG x P Press Bushing Reducer
112ANV16AB	1/2 P x P x P Press Tee
112ANV22AB	3/4 P x P x P Press Tee
112ANV28AB	1 P x P x P Press Tee
112ANV35AB	1-1/4 P x P x P Press Tee
112ANV42AB	1-1/2 P x P x P Press Tee
112ANV54AB	2 P x P x P Press Tee
112ANV67AB	2-1/2 P x P x P Press Tee
112ANV80AB	3 P x P x P Press Tee
112ANV105AB	4 P x P x P Press Tee
115ANV161622AB	1/2x1/2x3/4 P x P x P Press Tee
115ANV161628AB	1/2x1/2x1 P x P x P Press Tee
115ANV222228AB	3/4x3/4x1 P x P x P Press Tee
115ANV282835AB	1x1x1-1/4 P x P x P Press Tee
114ANV221616AB	3/4x1/2x1/2 P x P x P Press Tee
114ANV221622AB	3/4x1/2x3/4 P x P x P Press Tee
114ANV281616AB	1x1/2x1/2 P x P x P Press Tee
114ANV281622AB	1x1/2x3/4 P x P x P Press Tee
114ANV281628AB	1x1/2x1 P x P x P Press Tee
114ANV282216AB	1x3/4x1/2 P x P x P Press Tee
114ANV282222AB	1x3/4x3/4 P x P x P Press Tee
114ANV282228AB	1x3/4x1 P x P x P Press Tee
114ANV351635AB	1-1/4x1/2x1-1/4 P x P x P Press Tee
114ANV352216AB	1-1/4x3/4x1/2 P x P x P Press Tee
114ANV352222AB	1-1/4x3/4x3/4 P x P x P Press Tee
114ANV352228AB	1-1/4x3/4x1 P x P x P Press Tee
114ANV352235AB	1-1/4x3/4x1-1/4 P x P x P Press Tee
114ANV352816AB	1-1/4x1x1/2 P x P x P Press Tee
114ANV352822AB	1-1/4x1x3/4 P x P x P Press Tee
114ANV352828AB	1-1/4x1x1 P x P x P Press Tee
114ANV352835AB	1-1/4x1x1-1/4 P x P x P Press Tee
114ANV422822AB	1-1/2x1x3/4 P x P x P Press Tee
114ANV422828AB	1-1/2x1x1 P x P x P Press Tee
114ANV422842AB	1-1/2x1x1-1/2 P x P x P Press Tee
114ANV423522AB	1-1/2x1-1/4x3/4 P x P x P Press Tee
114ANV423528AB	1-1/2x1-1/4x1 P x P x P Press Tee
114ANV423535AB	1-1/2x1-1/4x1-1/4 P x P x P Press Tee
114ANV542828AB	2x1x1 P x P x P Press Tee
114ANV543535AB	2x1-1/4x1-1/4 P x P x P Press Tee
114ANV544222AB	2x1-1/2x3/4 P x P x P Press Tee
114ANV544228AB	2x1-1/2x1 P x P x P Press Tee
114ANV544235AB	2x1-1/2x1-1/4 P x P x P Press Tee

114ANV544242AB	2x1-1/2x1-1/2 P x P x P Press Tee
114ANV544254AB	2x1-1/2x2 P x P x P Press Tee
114ANV672267AB	2-1/2x3/4x2-1/2 P x P x P Press Tee
114ANV672867AB	2-1/2x1x2-1/2 P x P x P Press Tee
114ANV673567AB	2-1/2x1-1/4x2-1/2 P x P x P Press Tee
114ANV674267AB	2-1/2x1-1/2x2-1/2 P x P x P Press Tee
114ANV675422AB	2-1/2x2x3/4 P x P x P Press Tee
114ANV675428AB	2-1/2x2x1 P x P x P Press Tee
114ANV675435AB	2-1/2x2x1-1/4 P x P x P Press Tee
114ANV675442AB	2-1/2x2x1-1/2 P x P x P Press Tee
114ANV675454AB	2-1/2x2x2 P x P x P Press Tee
114ANV675467AB	2-1/2x2x2-1/2 P x P x P Press Tee
114ANV802280AB	3x3/4x3 P x P x P Press Tee
114ANV802880AB	3x1x3 P x P x P Press Tee
114ANV803580AB	3x1-1/4x3 P x P x P Press Tee
114ANV804280AB	3x1-1/2x3 P x P x P Press Tee
114ANV805454AB	3x2x2 P x P x P Press Tee
114ANV805467AB	3x2x2-1/2 P x P x P Press Tee
114ANV805480AB	3x2x3 P x P x P Press Tee
114ANV806754AB	3x2-1/2x2 P x P x P Press Tee
114ANV806767AB	3x2-1/2x2-1/2 P x P x P Press Tee
114ANV806780AB	3x2-1/2x3 P x P x P Press Tee
114ANV1058054AB	4x3x2 P x P x P Press Tee
114ANV1058080AB	4x3x3 P x P x P Press Tee
113ANV222216AB	3/4x3/4x1/2 P x P x P Press Tee
113ANV282816AB	1x1x1/2 P x P x P Press Tee
113ANV282822AB	1x1x3/4 P x P x P Press Tee
113ANV353516AB	1-1/4x1-1/4x1/2 P x P x P Press Tee
113ANV353522AB	1-1/4x1-1/4x3/4 P x P x P Press Tee
113ANV353528AB	1-1/4x1-1/4x1 P x P x P Press Tee
113ANV424216AB	1-1/2x1-1/2x1/2 P x P x P Press Tee
113ANV424222AB	1-1/2x1-1/2x3/4 P x P x P Press Tee
113ANV424228AB	1-1/2x1-1/2x1 P x P x P Press Tee
113ANV424235AB	1-1/2x1-1/2x1-1/4 P x P x P Press Tee
113ANV545416AB	2x2x1/2 P x P x P Press Tee
113ANV545422AB	2x2x3/4 P x P x P Press Tee
113ANV545428AB	2x2x1 P x P x P Press Tee
113ANV545435AB	2x2x1-1/4 P x P x P Press Tee
113ANV545442AB	2x2x1-1/2 P x P x P Press Tee
113ANV676716AB	2-1/2x2-1/2x1/2 P x P x P Press Tee
113ANV676722AB	2-1/2x2-1/2x3/4 P x P x P Press Tee
113ANV676728AB	2-1/2x2-1/2x1 P x P x P Press Tee
113ANV676735AB	2-1/2x2-1/2x1-1/4 P x P x P Press Tee
113ANV676742AB	2-1/2x2-1/2x1-1/2 P x P x P Press Tee
113ANV676754AB	2-1/2x2-1/2x2 P x P x P Press Tee

113ANV808016AB	3x3x1/2 P x P x P Press Tee
113ANV808022AB	3x3x3/4 P x P x P Press Tee
113ANV808028AB	3x3x1 P x P x P Press Tee
113ANV808035AB	3x3x1-1/4 P x P x P Press Tee
113ANV808042AB	3x3x1-1/2 P x P x P Press Tee
113ANV808054AB	3x3x2 P x P x P Press Tee
113ANV808067AB	3x3x2-1/2 P x P x P Press Tee
113ANV10510516AB	4x4x1/2 P x P x P Press Tee
113ANV10510522AB	4x4x3/4 P x P x P Press Tee
113ANV10510528AB	4x4x1 P x P x P Press Tee
113ANV10510535AB	4x4x1-1/4 P x P x P Press Tee
113ANV10510542AB	4x4x1-1/2 P x P x P Press Tee
113ANV10510554AB	4x4x2 P x P x P Press Tee
113ANV10510567AB	4x4x2-1/2 P x P x P Press Tee
113ANV10510580AB	4x4x3 P x P x P Press Tee
301ANV1613AB	1/2 P x MPT Press Male Adapter
301ANV2219AB	3/4 P x MPT Press Male Adapter
301ANV2825AB	1 P x MPT Press Male Adapter
301ANV3532AB	1-1/4 P x MPT Press Male Adapter
301ANV4238AB	1-1/2 P x MPT Press Male Adapter
301ANV5451AB	2 P x MPT Press Male Adapter
301ANV6764AB	2-1/2 P x MPT Press Male Adapter
301ANV8076AB	3 P x MPT Press Male Adapter
301ANV105102AB	4 P x MPT Press Male Adapter
301ANV1610AB	1/2x3/8 P x MPT Press Male Adapter
301ANV1619AB	1/2x3/4 P x MPT Press Male Adapter
301ANV2213AB	3/4x1/2 P x MPT Press Male Adapter
301ANV2225AB	3/4x1 P x MPT Press Male Adapter
301ANV2813AB	1x1/2 P x MPT Press Male Adapter
301ANV2819AB	1x3/4 P x MPT Press Male Adapter
301ANV2832AB	1x1-1/4 P x MPT Press Male Adapter
301ANV3525AB	1-1/4x1 P x MPT Press Male Adapter
301ANV3538AB	1-1/4x1-1/2 P x MPT Press Male Adapter
301ANV4232AB	1-1/2x1-1/4 P x MPT Press Male Adapter
301ANV4251AB	1-1/2x2 P x MPT Press Male Adapter
301ANV5438AB	2x1-1/2 P x MPT Press Male Adapter
302ANV1613AB	1/2 P x FPT Press Female Adapter
302ANV2219AB	3/4 P x FPT Press Female Adapter
302ANV2825AB	1 P x FPT Press Female Adapter
302ANV3532AB	1-1/4 P x FPT Press Female Adapter
302ANV4238AB	1-1/2 P x FPT Press Female Adapter
302ANV5451AB	2 P x FPT Press Female Adapter
302ANV6764AB	2-1/2 P x FPT Press Female Adapter
302ANV8076AB	3 P x FPT Press Female Adapter
302ANV105102AB	4 P x FPT Press Female Adapter

302ANV1610AB	1/2x3/8 P x FPT Press Female Adapter
302ANV1619AB	1/2x3/4 P x FPT Press Female Adapter
302ANV2213AB	3/4x1/2 P x FPT Press Female Adapter
302ANV2813AB	1x1/2 P x FPT Press Female Adapter
302ANV2819AB	1x3/4 P x FPT Press Female Adapter
302ANV2832AB	1x1-1/4 P x FPT Press Female Adapter
302ANV3525AB	1-1/4x1 P x FPT Press Female Adapter
302ANV3538AB	1-1/4x1-1/2 P x FPT Press Female Adapter
302ANV4232AB	1-1/2x1-1/4 P x FPT Press Female Adapter
303ANV1610AB	1/2x3/8 FTG x MPT Male Street Adapter
303ANV1613AB	1/2x1/2 FTG x MPT Male Street Adapter
303ANV1619AB	1/2x3/4 FTG x MPT Male Street Adapter
303ANV2213AB	3/4x1/2 FTG x MPT Male Street Adapter
303ANV2219AB	3/4x3/4 FTG x MPT Male Street Adapter
303ANV2819AB	1x3/4 FTG x MPT Male Street Adapter
303ANV2825AB	1x1 FTG x MPT Male Street Adapter
303ANV3532AB	1-1/4x1-1/4 FTG x MPT Male Street Adapter
303ANV4238AB	1-1/2x1-1/2 FTG x MPT Male Street Adapter
303ANV5451AB	2x2 FTG x MPT Male Street Adapter
304ANV1610AB	1/2x3/8 FTG x FPT Female Stree Adapter
304ANV1613AB	1/2x1/2 FTG x FPT Female Stree Adapter
304ANV1619AB	1/2x3/4 FTG x FPT Female Stree Adapter
304ANV2213AB	3/4x1/2 FTG x FPT Female Stree Adapter
304ANV2219AB	3/4x3/4 FTG x FPT Female Stree Adapter
304ANV2825AB	1x1 FTG x FPT Female Stree Adapter
304ANV2813AB	1x1/2 FTG x FPT Female Stree Adapter
304ANV3513AB	1-1/4x1/2 FTG x FPT Female Stree Adapter
304ANV3532AB	1-1/4x1-1/4 FTG x FPT Female Stree Adapter
304ANV4238AB	1-1/2x1-1/2 FTG x FPT Female Stree Adapter
304ANV5451AB	2x2 FTG x FPT Female Stree Adapter
305ANV1616AB	1/2x1/2 P x P Press Union
305ANV2222AB	3/4x3/4 P x P Press Union
305ANV2828AB	1x1 P x P Press Union
305ANV3535AB	1-1/4x1-1/4 P x P Press Union
305ANV4242AB	1-1/2x1-1/2 P x P Press Union
305ANV5454AB	2x2 P x P Press Union
306ANV1613AB	1/2x1/2 P x MPT Press Union
306ANV2219AB	3/4x3/4 P x MPT Press Union
306ANV2825AB	1x1 P x MPT Press Union
306ANV3532AB	1-1/4x1-1/4 P x MPT Press Union
306ANV4238AB	1-1/2x1-1/2 P x MPT Press Union
306ANV5451AB	2x2 P x MPT Press Union
307ANV1613AB	1/2x1/2 P x FPT Press Union
307ANV2219AB	3/4x3/4 P x FPT Press Union
307ANV2825AB	1x1 P x FPT Press Union

307ANV3532AB	1-1/4x1-1/4 P x FPT Press Union
307ANV4238AB	1-1/2x1-1/2 P x FPT Press Union
307ANV5451AB	2x2 P x FPT Press Union
308ANV1625AB	1/2x1 P x F BSP Press Union
308ANV2225AB	3/4x1 P x F BSP Press Union
308ANV2825AB	1x1 P x F BSP Press Union
308ANV2832AB	1x1-1/4 P x F BSP Press Union
313ANV161613AB	1/2x1/2x1/2 FPT P x P x FPT Press Tee
313ANV222206AB	3/4x3/4x1/4 FPT P x P x FPT Press Tee
313ANV222213AB	3/4x3/4x1/2 FPT P x P x FPT Press Tee
313ANV222219AB	3/4x3/4x3/4 FPT P x P x FPT Press Tee
313ANV282813AB	1x1x1/2 FPT P x P x FPT Press Tee
313ANV282819AB	1x1x3/4 FPT P x P x FPT Press Tee
313ANV353513AB	1-1/4x1-1/4x1/2 FPT P x P x FPT Press Tee
313ANV353519AB	1-1/4x1-1/4x3/4 FPT P x P x FPT Press Tee
313ANV424213AB	1-1/2x1-1/2x1/2 FPT P x P x FPT Press Tee
313ANV424219AB	1-1/2x1-1/2x3/4 FPT P x P x FPT Press Tee
313ANV545413AB	2x2x1/2 FPT P x P x FPT Press Tee
313ANV545419AB	2x2x3/4 FPT P x P x FPT Press Tee
313ANV676751AB	2-1/2x2-1/2x2 FPT P x P x FPT Press Tee
313ANV676719AB	2-1/2x2-1/2x3/4 FPT P x P x FPT Press Tee
313ANV808051AB	3x3x2 FPT P x P x FPT Press Tee
313ANV808019AB	3x3x3/4 FPT P x P x FPT Press Tee
313ANV10510519AB	4x4x3/4 FPT P x P x FPT Press Tee
313ANV10510551AB	4x4x2 FPT P x P x FPT Press Tee
400ANV2825AB	1 - 4 P - BP Press Flange
400ANV3532AB	1-1/4 - 4 P - BP Press Flange
400ANV4238AB	1-1/2 - 4 P - BP Press Flange
400ANV5451AB	2 - 4 P - BP Press Flange
400ANV6764AB	2-1/2 - 4 P - BP Press Flange
400ANV8076AB	3 - 4 P - BP Press Flange
400ANV105102AB	4 - 8 P - BP Press Flange
315ANV1610AB	1/2x3/8 P x FPT Press Female 90° Elbow
315ANV1613AB	1/2x1/2 P x FPT Press Female 90° Elbow
315ANV1619AB	1/2x3/4 P x FPT Press Female 90° Elbow
315ANV2213AB	3/4x1/2 P x FPT Press Female 90° Elbow
315ANV2219AB	3/4x3/4 P x FPT Press Female 90° Elbow
315ANV2813AB	1x1/2 P x FPT Press Female 90° Elbow
315ANV2825AB	1x1 P x FPT Press Female 90° Elbow
315ANV3532AB	1-1/4x1-1/4 P x FPT Press Female 90° Elbow
315ANV4238AB	1-1/2x1-1/2 P x FPT Press Female 90° Elbow
315ANV5451AB	2x2 P x FPT Press Female 90° Elbow
314ANV1619AB	1/2x3/4 P x MPT Press Male 90° Elbow
314ANV2213AB	3/4x1/2 P x MPT Press Male 90° Elbow
314ANV2825AB	1x1 P x MPT Press Male 90° Elbow

314ANV3532AB	1-1/4x1-1/4 P x MPT Press Male 90° Elbow
314ANV4238AB	1-1/2x1-1/2 P x MPT Press Male 90° Elbow
314ANV5451AB	2x2 P x MPT Press Male 90° Elbow
325ANV1613AB	1/2x1/2 P x FPT Press 90° hi ear elbow
326ANV1610AB	1/2x3/8 P x FPT Press 90° drop ear elbow
326ANV1613AB	1/2x1/2 P x FPT Press 90° drop ear elbow
326ANV2219AB	3/4x3/4 P x FPT Press 90° drop ear elbow

Model No.	Product description
111ANV16AL	1/2 P x P Press Extended Coupling No Stop
111ANV22AL	3/4 P x P Press Extended Coupling No Stop
111ANV28AL	1 P x P Press Extended Coupling No Stop
111ANV35AL	1-1/4 P x P Press Extended Coupling No Stop
111ANV42AL	1-1/2 P x P Press Extended Coupling No Stop
111ANV54AL	2 P x P Press Extended Coupling No Stop
101ANV4216AB	1-1/2x1/2 P x P Press Coupling Reducer
101ANV5416AB	2x1/2 P x P Press Coupling Reducer
102ANV6722AB	2-1/2x3/4 FTG x P Press Bushing Reducer
102ANV6716AB	2-1/2x1/2 FTG x P Press Bushing Reducer
103YHV16AB	1/2 P x P Press 90 short Elbow
103YHV28AB	1 P x P Press 90 short Elbow
103YHV54AB	2 P x P Press 90 short Elbow
104YHV16AB	1/2 P x FTG Press 90 Street short Elbow
104YHV28AB	1 P x FTG Press 90 Street short Elbow
104YHV54AB	2 P x FTG Press 90 Street short Elbow
104ANV16AL	1/2 P x FTG Press 90 Extended Street Elbow,L6"
103ANV16AB	1/2 P x P Press 90 short Elbow
103ANV22AB	3/4 P x P Press 90 short Elbow
103ANV28AB	1 P x P Press 90 short Elbow
103ANV35AB	1-1/4 P x P Press 90 short Elbow
103ANV42AB	1-1/2 P x P Press 90 short Elbow
103ANV54AB	2 P x P Press 90 short Elbow
104ANV16AB	1/2 P x FTG Press 90 Street short Elbow
104ANV22AB	3/4 P x FTG Press 90 Street short Elbow
104ANV28AB	1 P x FTG Press 90 Street short Elbow
104ANV35AB	1-1/4 P x FTG Press 90 Street short Elbow
104ANV42AB	1-1/2 P x FTG Press 90 Street short Elbow
104ANV54AB	2 P x FTG Press 90 Street short Elbow
114ANV421642AB	1-1/2x1/2x1-1/2 P x P x P Press Tee
114ANV423516AB	1-1/2x1-1/4x1/2 P x P x P Press Tee
114ANV423542AB	1-1/2x1-1/4x1-1/2 P x P x P Press Tee
138ANV16AB	1/2 P x P Press cross-over
138ANV22AB	3/4 P x P Press cross-over
148ANV16AB	1/2 FTG x P Press Street cross-over
148ANV22AB	3/4 FTG x P Press Street cross-over
302ANV2225AB	3/4x1 P x FPT Press Female Adapter
304ANV2819AB	1x3/4 FTG x FPT Female Stree Adapter

308ANV1625NP	1/2x1 P x NPSM Press Union
308ANV2225NP	3/4x1 P x NPSM Press Union
308ANV2825NP	1x1 P x NPSM Press Union
308ANV2832NP	1x1-1/4 P x NPSM Press Union
314ANV1613AB	1/2x1/2 P x MPT Press Male 90° Elbow
314ANV2219AB	3/4x3/4 P x MPT Press Male 90° Elbow
316ANV1613AB	1/2 P X PEX PRESS PEX ADAPTER
316ANV2219AB	3/4 P X PEX PRESS PEX ADAPTER
316ANV2813AB	1X1/2 P X PEX PRESS PEX ADAPTER
316ANV2825AB	1 P X PEX PRESS PEX ADAPTER
316ANV2213AB	3/4x1/2 P X PEX PRESS PEX ADAPTER
316ANV1619AB	1/2x3/4 P X PEX PRESS PEX ADAPTER
319ANV5451AB	2x2 P x G Press Grooved Adapter
319ANV6764AB	2-1/2x2-1/2 P x G Press Grooved Adapter
319ANV8076AB	3x3 P x G Press Grooved Adapter
319ANV105102AB	4x4 P x G Press Grooved Adapter
328ANV1613AB	1/2x1/2 P x FPT Press Union Di-electric
328ANV2219AB	3/4x3/4 P x FPT Press Union Di-electric
328ANV2825AB	1x1 P x FPT Press Union Di-electric
328ANV3532AB	1-1/4x1-1/4 P x FPT Press Union Di-electric
328ANV4238AB	1-1/2x1-1/2 P x FPT Press Union Di-electric
328ANV5451AB	2x2 P x FPT Press Union Di-electric
330ANV1613AB	1/2x1/2x1/2 P X P X FPT Press Double Drop Elbow
330ANV2213AB	3/4x3/4x1/2 P X P X FPT Press Double Drop Elbow
330ANV2219AB	3/4x3/4x3/4 P X P X FPT Press Double Drop Elbow
330ANV2813AB	1x1x1/2 P X P X FPT Press Double Drop Elbow
334ANV160316AB	1/2x1/8 FPTx1/2 P x FPT x P Press Vent Tee
334ANV161316AB	1/2x1/2 FPTx1/2 P x FPT x P Press Tee
334ANV220322AB	3/4x1/8 FPTx3/4 P x FPT x P Press Vent Tee
334ANV221322AB	3/4x1/2 FPTx3/4 P x FPT x P Press Tee
334ANV221922AB	3/4x3/4 FPTx3/4 P x FPT x P Press Tee
334ANV281928AB	1x3/4 FPTx1 P x FPT x P Press Tee
334ANV351935AB	1-1/4x3/4 FPTx1-1/4 P x FPT x P Press Tee
334ANV421942AB	1-1/2x3/4 FPTx1-1/2 P x FPT x P Press Tee
334ANV541954AB	2x3/4 FPTx2 P x FPT x P Press Tee
346ANV1613AB	1/2x1/2 P X PEX Press PEX Adapter (F1960)
346ANV2219AB	3/4x3/4 P X PEX Press PEX Adapter (F1960)
346ANV2825AB	1x1 P X PEX Press PEX Adapter (F1960)

Conditions of listing:

1. Fittings are for use with ASTM B 88, Type K, L, or M, copper.
2. Operating temperature range for potable water must be within 32°F to 250°F (0°C to 121°C). Operating temperature range for hydronic systems must be within 0°F to 250°F (-17°C to 121°C).
3. The fittings have been evaluated and approved for below grade installation.
4. The potable water distribution system utilizing the Press fittings must be pressure-tested and inspected in accordance with IPC Section 312.5, 2012 and 2009 IRC Section P2503.7, 2006 IRC Section P2503.6 or UPC Section 609.4, as applicable.

5. Radiant heating systems must be pressure-tested for leaks before installation of the covering in accordance with IMC Section 1208, 2012 and 2009 IRC Section M2103.4 or 2006 IRC Section M2103.3, as applicable.
6. The fittings are manufactured under a quality control program with annual surveillance inspections by ICC-ES.