

PEXO917 CUSTOMER GUIDE

# PEX Plumbing and Radiant Heating Systems

Expansion PEX Addendum

## **ADDENDUM TO 370-001 PEX CUSTOMER GUIDE**

## **EXPANSION PEX**

For decades, Zurn has been the leader in ASTM F1807/F2159 crimp piping systems, offering a comprehensive line of lead-free brass and CR Polymer corrosion resistant plastic fittings, from 3/8" to 2", including tees, elbows, couplings, adapters, valves, stubouts, manifolds, runs, tools, and installation accessories.

With the addition of our ASTM F1960 Expansion product line, Zurn now provides the most comprehensive offering of PEX products in the industry. Our PEX pipe, a standard of the industry for years, is third-party certified for use with both F1807/F2159 crimp and F1960 expansion fittings and accessories, while continuing to set the bar for chlorine and UV resistance.

With the entire product line backed by our industry-leading 25-year warranty, trust Zurn as your complete PEX provider.



F1960 Expansion Rings

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRICE
F1960 EXPAN	SION RINGS					
QER2X	084169117274	F1960 Expansion PEX Reinforcing Ring w/ stop - 3/8"	8	50	1000	0.24
QER3X	084169117281	F1960 Expansion PEX Reinforcing Ring w/ stop - 1/2"	8	50	1000	0.24
QER4X	084169117298	F1960 Expansion PEX Reinforcing Ring w/ stop - 3/4"	8	50	1000	0.48
QER5X	084169117304	F1960 Expansion PEX Reinforcing Ring w/ stop - 1"	8	50	500	1.03
QER6X	084169117311	F1960 Expansion PEX Reinforcing Ring w/ stop - 1-1/4"	8	10	250	1.33
QER7X	084169117335	F1960 Expansion PEX Reinforcing Ring w/ stop - 1-1/2"	8	5	200	1.77
QER8X	084169117342	F1960 Expansion PEX Reinforcing Ring w/ stop - 2"	8	10	100	3.51



**Brass Fitting** 

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRICE
<b>EXPANSION XL</b>	BRASS TEES					
QET333GX	084169117588	F1960 Expansion XL Brass TEE - 1/2" EX PEX x 1/2" EX PEX x 1/2" EX PEX	8	25	200	10.19
QET334GX	084169117595	F1960 Expansion XL Brass TEE - 1/2" EX PEX x 1/2" EX PEX x 3/4" EX PEX	8	25	150	11.92
QET433GX	084169117601	F1960 Expansion XL Brass TEE $$ - 3/4" EX PEX x 1/2" EX PEX x 1/2" EX PEX	8	25	150	11.92
QET434GX	084169117618	F1960 Expansion XL Brass TEE - 3/4" EX PEX x 1/2" EX PEX x 3/4" EX PEX	8	25	150	15.07
QET443GX	084169117625	F1960 Expansion XL Brass TEE - 3/4" EX PEX x 3/4" EX PEX x 1/2" EX PEX	8	25	150	16.56
QET444GX	084169117632	F1960 Expansion XL Brass TEE - 3/4" EX PEX x 3/4" EX PEX x 3/4" EX PEX	8	25	100	26.71
QET445GX	084169117649	F1960 Expansion XL Brass TEE - 3/4" EX PEX x 3/4" EX PEX x 1" EX PEX	8	25	100	26.71
QET544GX	084169117656	F1960 Expansion XL Brass TEE -1" EX PEX x 3/4" EX PEX x 3/4" EX PEX	8	10	100	30.62
QET545GX	084169117663	F1960 Expansion XL Brass TEE -1" EX PEX x 3/4" EX PEX x 1" EX PEX	8	10	80	30.62
QET553GX	084169117670	F1960 Expansion XL Brass TEE -1" EX PEX x 1" EX PEX x 1/2" EX PEX	8	10	100	30.62
QET554GX	084169117687	F1960 Expansion XL Brass TEE -1" EX PEX x 1" EX PEX x 3/4" EX PEX	8	10	80	30.62

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PR
EXPANSION X	L BRASS TEES					
QET555GX	084169117694	F1960 Expansion XL Brass TEE - 1" EX PEX x 1" EX PEX x 1" EX PEX	8	10	60	30.
QET654GX	084169117700	F1960 Expansion XL Brass TEE - 1-1/4" EX PEX x 1" EX PEX x 3/4" EX PEX	8	6	36	38.
QET655GX	084169117717	F1960 Expansion XL Brass TEE - 1-1/4" EX PEX x 1" EX PEX x 1" EX PEX	8	6	36	42.
QET663GX	084169117724	F1960 Expansion XL Brass TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 1/2" EX PEX	8	5	40	44.
QET664GX	084169117731	F1960 Expansion XL Brass TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 3/4" EX PEX	8	5	40	44.
QET665GX	084169117748	F1960 Expansion XL Brass TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 1" EX PEX	8	5	40	49.
QET666GX	084169117755	F1960 Expansion XL Brass TEE $$ - 1-1/4" EX PEX x 1-1/4" EX PEX x 1-1/4" EX PEX	8	5	40	59.
QET754GX	084169117762	F1960 Expansion XL Brass TEE -1-1/2" EX PEX x 1" EX PEX x 3/4" EX PEX	8	4	32	48.
QET755GX	084169117779	F1960 Expansion XL Brass TEE -1-1/2" EX PEX x 1" EX PEX x 1" EX PEX	8	4	32	46
QET757GX	084169117786	F1960 Expansion XL Brass TEE - 1-1/2" EX PEX x 1" EX PEX x 1-1/2" EX PEX	8	4	32	56
QET764GX	084169117793	F1960 Expansion XL Brass TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 3/4" EX PEX	8	4	32	56
QET765GX	084169117809	F1960 Expansion XL Brass TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 1" EX PEX	8	4	32	51
QET766GX	084169117816	F1960 Expansion XL Brass TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 1-1/4" EX PEX	8	4	32	60
ET773GX	084169117823	F1960 Expansion XL Brass TEE -1-1/2" EX PEX x 1-1/2" EX PEX x 1/2" EX PEX	8	4	32	55
ET774GX	084169117830	F1960 Expansion XL Brass TEE -1-1/2" EX PEX x 1-1/2" EX PEX x 3/4" EX PEX	8	4	32	55
ET775GX	084169117847	F1960 Expansion XL Brass TEE -1-1/2" EX PEX x 1-1/2" EX PEX x 1" EX PEX	8	4	32	59
QET776GX	084169117854	F1960 Expansion XL Brass TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 1-1/4" EX PEX	8	4	32	68
ET777GX	084169117861	F1960 Expansion XL Brass TEE $$ - 1-1/2" EX PEX x 1-1/2" EX PEX x 1-1/2" EX PEX	8	4	32	75
ET874GX	084169119728	F1960 Expansion XL Brass TEE - 2" EX PEX x 1-1/2" EX PEX x 3/4" EX PEX	8	2	16	9
ET875GX	084169117878	F1960 Expansion XL Brass TEE - 2" EX PEX x 1-1/2" EX PEX x 1" EX PEX	8	2	16	8
ET876GX	084169119735	F1960 Expansion XL Brass TEE - 2" EX PEX x 1-1/2" EX PEX x 1-1/4" EX PEX	8	2	16	96
ET877GX	084169117885	F1960 Expansion XL Brass TEE - 2" EX PEX x 1-1/2" EX PEX x 1-1/2" EX PEX	8	2	16	101
ET878GX	084169117892	F1960 Expansion XL Brass TEE - 2" EX PEX x 1-1/2" EX PEX x 2" EX PEX	8	2	16	134
ET883GX	084169117908	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 1/2" EX PEX	8	4	24	100
ET884GX	084169117915	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 3/4" EX PEX	8	4	24	107
ET885GX	084169117922	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 1" EX PEX	8	2	16	110
ET886GX	084169117939	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 1-1/4" EX PEX	8	2	16	120
ET887GX	084169117946	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 1-1/2" EX PEX	8	2	16	13
ET888GX	084169117953	F1960 Expansion XL Brass TEE - 2" EX PEX x 2" EX PEX x 2" EX PEX	8	2	12	169
XPANSION X	L BRASS ELBO	WS				
EE33GX	084169117472	F1960 Expansion XL Brass Elbow - 1/2" EX PEX x 1/2" EX PEX	8	25	300	
EE43GX	084169117496	F1960 Expansion XL Brass Elbow - 3/4" EX PEX x 1/2" EX PEX	8	25	200	(
EE44GX	084169117502	F1960 Expansion XL Brass Elbow - 3/4" EX PEX x 3/4" EX PEX	8	25	150	1
EE55GX	084169117519	F1960 Expansion XL Brass Elbow - 1" EX PEX x 1" EX PEX	8	10	100	19
EE66GX	084169117526	F1960 Expansion XL Brass Elbow - 1-1/4" EX PEX x 1-1/4" EX PEX	8	3	36	20
QEE77GX	084169117533	F1960 Expansion XL Brass Elbow - 1-1/2" EX PEX x 1-1/2" EX PEX	8	3	36	33
EE88GX	084169117540	F1960 Expansion XL Brass Elbow - 2" EX PEX x 2" EX PEX	8	2	16	74
	I BRASS MALE	THREAD ELBOW				
EE33BTGX	084169117557	F1960 Expansion XL Brass Male Thread Elbow - 1/2" EX PEX x 1/2" MPT	8	25	250	12
		W DROP EAR FEMALE THREAD	J		200	
EDE33BFGX	084169117564	F1960 Expansion XL Brass Drop Ear Elbow - 1/2" EX PEX x 1/2" FPT	8	25	150	14
EDE44BFGX	084169117571	F1960 Expansion XL Brass Drop Ear Elbow - 3/4" EX PEX x 3/4" FPT	8	4	100	3
EXPANSION X	L BRASS COUP	LINGS				
QEC22GX	084169117168	F1960 Expansion XL Brass Coupling - 3/8" EX PEX x 3/8" EX PEX	8	25	600	g
QEC32GX	084169117182	F1960 Expansion XL Brass Coupling - 1/2" EX PEX x 3/8" EX PEX	8	25	500	10
QEC33GX	084169117199	F1960 Expansion XL Brass Coupling - 1/2" EX PEX x 1/2" EX PEX	8	25	400	6

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRIC
<b>EXPANSION XL</b>	BRASS COUF	PLINGS				
QEC43GX	084169117205	F1960 Expansion XL Brass Coupling - 3/4" EX PEX x 1/2" EX PEX	8	25	250	9.5
QEC44GX	084169117212	F1960 Expansion XL Brass Coupling - 3/4" EX PEX x 3/4" EX PEX	8	25	200	9.2
QEC54GX	084169117229	F1960 Expansion XL Brass Coupling - 1" EX PEX x 3/4" EX PEX	8	10	150	14.2
QEC55GX	084169117236	F1960 Expansion XL Brass Coupling - 1" EX PEX x 1" EX PEX	8	10	120	16.7
QEC64GX	084169117243	F1960 Expansion XL Brass Coupling - 1-1/4" EX PEX x 3/4" EX PEX	8	6	72	21.3
QEC65GX	084169117250	F1960 Expansion XL Brass Coupling - 1-1/4" EX PEX x 1" EX PEX	8	6	72	25.9
QEC66GX	084169117267	F1960 Expansion XL Brass Coupling - 1-1/4" EX PEX x 1-1/4" EX PEX	8	6	72	21.1
QEC74GX	084169117373	F1960 Expansion XL Brass Coupling - 1-1/2" EX PEX x 3/4" EX PEX	8	5	60	28.0
QEC75GX	084169117410	F1960 Expansion XL Brass Coupling - 1-1/2" EX PEX x 1" EX PEX	8	5	60	27.4
QEC76GX	084169117427	F1960 Expansion XL Brass Coupling - 1-1/2" EX PEX x 1-1/4" EX PEX	8	5	60	35.8
QEC77GX	084169117359	F1960 Expansion XL Brass Coupling - 1-1/2" EX PEX x 1-1/2" EX PEX	8	5	60	37.3
QEC85GX	084169118721	F1960 Expansion XL Brass Coupling - 2" EX PEX x 1" EX PEX	8	6	24	56.8
QEC86GX	084169117434	F1960 Expansion XL Brass Coupling - 2" EX PEX x 1-1/4" EX PEX	8	6	24	61.9
QEC87GX	084169117441	F1960 Expansion XL Brass Coupling - 2" EX PEX x 1-1/2" EX PEX	8	6	24	66.0
QEC88GX	084169119759	F1960 Expansion XL Brass Coupling - 2" EX PEX x 2" EX PEX	8	6	24	77.
		OLYBUTYLENE COUPLINGS	-	-		,,,
QEC33CGXNPK1	084169117489	F1960 Expansion XL Brass PB Coupling - 1/2" EX PEX x 1/2" Polybutylene w/	8	25	250	10.0
QEC44CGXNPK1	084169117465	Rings F1960 Expansion XL Brass PB Coupling - 3/4" EX PEX x 3/4" Polybutylene w/	8	25	200	17.
		Rings				.,.
		THREADED ADAPTERS				
QEMC33GX	084169117960	F1960 Expansion XL Brass MPT Adapter - 1/2" EX PEX x 1/2" MPT	8	25	300	5.
QEMC34GX	084169117977	F1960 Expansion XL Brass MPT Adapter - 1/2" EX PEX x 3/4" MPT	8	25	200	13.
QEMC43GX	084169119742	F1960 Expansion XL Brass MPT Adapter - 3/4" EX PEX x 1/2" MPT	8	25	200	17.
QEMC44GX	084169117984	F1960 Expansion XL Brass MPT Adapter - 3/4" EX PEX x 3/4" MPT	8	25	200	9.0
QEMC45GX	084169117991	F1960 Expansion XL Brass MPT Adapter - 3/4" EX PEX x 1" MPT	8	10	120	20.
QEMC54GX	084169118004	F1960 Expansion XL Brass MPT Adapter - 1" EX PEX x 3/4" MPT	8	10	150	20.
QEMC55GX	084169118011	F1960 Expansion XL Brass MPT Adapter - 1" EX PEX x 1" MPT	8	10	100	19.8
QEMC65GX	084169118028	F1960 Expansion XL Brass MPT Adapter - 1-1/4" EX PEX x 1" MPT	8	6	72	38.
QEMC66GX	084169118035	F1960 Expansion XL Brass MPT Adapter - 1-1/4" EX PEX x 1-1/4" MPT	8	6	72	46.
QEMC77GX	084169118042	F1960 Expansion XL Brass MPT Adapter - 1-1/2" EX PEX x 1-1/2" MPT	8	6	48	61.0
QEMC88GX	084169118059	F1960 Expansion XL Brass MPT Adapter - 2" EX PEX x 2" MPT	8	6	24	178.
EXPANSION XL	BRASS FEMA	LE THREADED ADAPTERS				
QEUFC33GX	084169118066	F1960 Expansion XL Brass FPT Adapter - 1/2" EX PEX x 1/2" FPT	8	25	300	10.6
QEUFC34GX	084169118073	F1960 Expansion XL Brass FPT Adapter - 1/2" EX PEX x 3/4" FPT	8	25	200	17.
QEUFC44GX	084169118080	F1960 Expansion XL Brass FPT Adapter - 3/4" EX PEX x 3/4" FPT	8	25	150	11.8
QEUFC45GX	084169118097	F1960 Expansion XL Brass FPT Adapter - 3/4" EX PEX x 1" FPT	8	10	120	37.8
QEUFC55GX	084169118103	F1960 Expansion XL Brass FPT Adapter - 1" EX PEX x 1" FPT	8	10	100	25.8
QEUFC66GX	084169118110	F1960 Expansion XL Brass FPT Adapter - 1-1/4" EX PEX x 1-1/4" FPT	8	6	72	47.
QEUFC77GX	084169118127	F1960 Expansion XL Brass FPT Adapter - 1-1/2" EX PEX x 1-1/2" FPT	8	6	48	100.9
QEUFC88GX	084169118134	F1960 Expansion XL Brass FPT Adapter - 2" EX PEX x 2" FPT	8	6	36	220.0
		ALE SWEAT ADAPTERS				220.
QE750GX	084169118141	F1960 Expansion XL Brass Female Sweat Adapter - 1/2" EX PEX x 1/2" Female	8	25	500	3.0
QE755GX	084169118158	Sweat F1960 Expansion XL Brass Female Sweat Adapter - 1/2" EX PEX x 3/4" Female	8	25	300	7.
QE770GX	084169118165	Sweat F1960 Expansion XL Brass Female Sweat Adapter - 3/4" EX PEX x 1/2" Female	8	25	300	13.8
		Sweat				
QE775GX	084169118172	F1960 Expansion XL Brass Female Sweat Adapter - 3/4" EX PEX x 3/4" Female Sweat	8	25	250	8.

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRIC
<b>EXPANSION XI</b>	BRASS MALE	SWEAT ADAPTER				
QE778GX	084169118189	F1960 Expansion XL Brass Female Sweat Adapter - 3/4" EX PEX x 1" Female Sweat	8	10	200	17.0
QE800GX	084169118196	F1960 Expansion XL Brass Female Sweat Adapter - 1" EX PEX x 1" Female Sweat	8	10	150	14.1
QE812GX	084169118202	F1960 Expansion XL Brass Female Sweat Adapter - 1-1/4" EX PEX x 1-1/4" Female Sweat	8	8	96	38.5
QE950GX	084169118219	F1960 Expansion XL Brass Female Sweat Adapter - 1-1/2" EX PEX x 1-1/2" Female Sweat	8	12	48	59.0
QE1050GX	084169118226	F1960 Expansion XL Brass Female Sweat Adapter - 2" EX PEX x 2" Female Sweat	8	6	24	160.5
<b>EXPANSION XI</b>	BRASS MALE	SWEAT ADAPTER				
QE650GX	084169118233	F1960 Expansion XL Brass Male Sweat Adapter - 1/2" EX PEX x 1/2" Male Sweat	8	25	500	3.6
QE657GX	084169118257	F1960 Expansion XL Brass Male Sweat Adapter - 1/2" EX PEX x 3/4" Male Sweat	8	25	350	7.4
QE670GX	084169118264	F1960 Expansion XL Brass Male Sweat Adapter - 3/4" EX PEX x 1/2" Male Sweat	8	25	300	15.1
QE675GX	084169118240	F1960 Expansion XL Brass Male Sweat Adapter - 3/4" EX PEX x 3/4" Male Sweat	8	25	250	8.0
QE677GX	084169118271	F1960 Expansion XL Brass Male Sweat Adapter - 3/4" EX PEX x 1" Male Sweat	8	10	200	16.4
QE700GX	084169118288	F1960 Expansion XL Brass Male Sweat Adapter - 1" EX PEX x 1" Male Sweat	8	10	120	15.3
QE712GX	084169118295	F1960 Expansion XL Brass Male Sweat Adapter - 1-1/4" EX PEX x 1-1/4" Male Sweat	8	8	96	34.0
QE900GX	084169118301	F1960 Expansion XL Brass Male Sweat Adapter - 1-1/2" EX PEX x 1-1/2" Male Sweat	8	12	48	56.
QE975GX	084169118318	F1960 Expansion XL Brass Male Sweat Adapter - 2" EX PEX x 2" Male Sweat	8	6	24	160.
<b>EXPANSION XL</b>	BRASS FIXTU	JRE ELBOWS				
QEE33BSGX	084169118325	F1960 Expansion XL Brass FPT Elbow (Swivel) - 1/2" EX PEX x 1/2" FPT w/ Brass Nut	8	25	150	11.3
Expansion XL Bras	ss Test Plugs					
QEP3GX	084169118332	F1960 Expansion XL Brass Test Plug - 1/2" EX PEX	8	25	600	3.3
QEP4GX	084169118349	F1960 Expansion XL Brass Test Plug - 3/4" EX PEX	8	25	350	5.
QEP5GX	084169118356	F1960 Expansion XL Brass Test Plug - 1" EX PEX	8	10	200	9.
QEP6GX	084169118363	F1960 Expansion XL Brass Test Plug - 1-1/4" EX PEX	8	6	108	19.2
QEP7GX	084169118370	F1960 Expansion XL Brass Test Plug - 1-1/2" EX PEX	8	9	72	27.
QEP8GX	084169118387	F1960 Expansion XL Brass Test Plug - 2" EX PEX	8	6	36	55.4
<b>EXPANSOIN XL</b>	BRASS BALL	VALVES				
QEBV33GX	084169118394	F1960 Expansion XL Brass Ball Valve (Full Port) - 1/2" EX PEX x 1/2" EX PEX	8	10	100	38.
QEBV44GX	084169118400	F1960 Expansion XL Brass Ball Valve (Full Port) - 3/4" EX PEX x 3/4" EX PEX	8	10	60	49.
QEBV55GX	084169118417	F1960 Expansion XL Brass Ball Valve (Full Port) - 1" EX PEX x 1" EX PEX	8	5	40	68.2
QEBV66GX	084169118424	F1960 Expansion XL Brass Ball Valve (Full Port) - 1-1/4" EX PEX x 1-1/4" EX PEX	8	4	24	109.
QEBV77GX	084169118431	F1960 Expansion XL Brass Ball Valve (Full Port) - 1-1/2" EX PEX x 1-1/2" EX PEX	8	2	20	168.3
QEBV88GX	084169118448	F1960 Expansion XL Brass Ball Valve (Full Port) - 2" EX PEX x 2" EX PEX	8	1	10	291.
<b>EXPANSION XL</b>	BRASS MINI	BALL VALVES				
QEMBV33GX	084169118455	F1960 Expansion XL Brass Mini Ball Valve - 1/2" EX PEX x 1/2" EX PEX	8	10	100	19.
QEMBV44GX	084169118462	F1960 Expansion XL Brass Mini Ball Valve - 3/4" EX PEX x 3/4" EX PEX	8	10	80	23.6
QEMBV33BFSGX	084169118479	F1960 Expansion XL Brass Mini Ball Valve - 1/2" EX PEX x 1/2" Female Sweat	8	10	120	15.9
QEMBV44BFSGX	084169118486	F1960 Expansion XL Brass Mini Ball Valve - 3/4" EX PEX x 3/4" Female Sweat	8	10	100	28.
QEMBV33BMTGX	084169120496	F1960 Expansion XL Brass Mini Ball Valve - 1/2" EX PEX x 1/2" Male Iron Pipe Size	8	10	100	25.8
<b>EXPANSION XL</b>	BRASS CHRO	OME STOPS				
QETV40GX	084169118509	F1960 Expansion XL Brass Angle Stop Valve - 1/2" EX PEX x 1/4" OD Compression, 1/4 Turn, Chrome	8	10	100	7.5
QETV60GX	084169118516	F1960 Expansion XL Brass Angle Stop Valve - 1/2" EX PEX x 3/8" OD Compression, 1/4 Turn, Chrome	8	10	100	7.6
QETV60SGX	084169118523	F1960 Expansion XL Brass Straight Stop Valve - 1/2" EX PEX x 3/8" OD Compression, 1/4 Turn, Chrome	8	10	100	8.

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRICE
EXPANSION W	ATER HEATER	ADAPTER				
SE6713NB18GX	084169118530	F1960 Expansion Copper Water Heater Connector - 3/4" XL Brass FPT x 3/4" XL Brass EX PEX - 18" long	8	20	20	50.10
<b>EXPANSION CO</b>	PPER TUB EL	BOWS				
QEMCEA33S4	084169118547	F1960 Expansion Copper Tub/ Shower Elbow - 1/2" XL Brass EX PEX x 1/2" Male Sweat Adapter - 4" long	8	25	75	13.01
QEMCEA33S6	084169118554	F1960 Expansion Copper Tub/ Shower Elbow - 1/2" XL Brass EX PEX x 1/2" Male Sweat Adapter - 6" long	8	25	50	14.38
<b>EXPANSION CO</b>	PPER STUBO	UT ELBOWS				
QESTUBL3.5X8	084169118561	F1960 Expansion Copper Stubout 8" Elbow - 1/2" XL Brass EX PEX x 1/2" Nominal (3-1/2" x 8")	8	25	50	15.88
QESTUBLXXF	084169120199	F1960 Expansion Copper Stubout 8" Elbow - 1/2" XL Brass EX PEX x 1/2" Nominal (3-1/2" x 8") w/ Nailing Flange	8	25	25	16.67
QESTUBL4X8	084169118585	F1960 Expansion Copper Stubout 8" Elbow - 3/4" XL Brass EX PEX x 3/4" Nominal (4" x 8")	8	25	50	35.63
<b>EXPANSION CO</b>	PPER STUBO	UT STRAIGHT				
QESTUB12XX	084169120205	F1960 Expansion Copper Stubout 12" Straight - 1/2" XL Brass EX PEX x 1/2"	8	25	50	19.61
<b>EXPANSION CO</b>	PPER BRANC	H MANNIFOLDS				
QECM53-4GX	084169120212	F1960 Expansion Copper Manifold - 1" EX PEX Female Sweat Adapter x Closed, w/ (4) 1/2" XL Brass EX PEX Outlets	8	2	24	74.85
QECM53-6GX	084169120229	F1960 Expansion Copper Manifold - 1" EX PEX Female Sweat Adapter x Closed, w/ (6) $1/2$ " XL Brass EX PEX Outlets	8	2	20	102.11
QECM53-8GX	084169120236	F1960 Expansion Copper Manifold - 1" EX PEX Female Sweat Adapter x Closed, w/ (8) 1/2" XL Brass EX PEX Outlets	8	5	20	128.64
QECM53-10GX	084169120243	F1960 Expansion Copper Manifold - 1" EX PEX Female Sweat Adapter x Closed, w/ (10) $1/2$ " XL Brass EX PEX Outlets	8	4	16	160.49
QECM53-12GX	084169120250	F1960 Expansion Copper Manifold - 1" EX PEX Female Sweat Adapter x Closed, w/ (12) $1/2$ " XL Brass EX PEX Outlets	8	3	12	197.12
<b>EXPANSION CO</b>	PPER VALVE	S MANIFOLDS				
QECM553-4BVGX	084169120267	F1960 Expansion Copper Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (4) 1/2" XL Brass EX PEX Ball Valve Outlets	8	2	16	221.14
QECM553-6BVGX	084169120274	F1960 Expansion Copper Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (6) $1/2$ " XL Brass EX PEX Ball Valve Outlets	8	3	12	312.19
QECM553-8BVGX	084169120281	F1960 Expansion Copper Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (8) $1/2$ " XL Brass EX PEX Ball Valve Outlets	8	2	10	412.75
QECM553-10BVGX	084169120298	F1960 Expansion Copper Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (10) 1/2" XL Brass EX PEX Ball Valve Outlets	8	2	8	504.35
QECM553-12BVGX	084169120304	F1960 Expansion Copper Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (12) 1/2" XL Brass EX PEX Ball Valve Outlets	8	1	6	589.07
<b>EXPANSION CO</b>	PPER CUT MA	ANIFOLDS				
QECM553-24GX	084169120311	F1960 Expansion Copper Field Cut Manifold - 1" EX PEX Male Sweat Adapter x 1" Ex Pex Male Sweat Adapter, w/ (24) 1/2" XL Brass EX PEX Outlets - 6' long	8	1	4	574.47



**CR Fitting** 

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY	. LIST PRICE
<b>EXPANSION</b>	CR TEES					
QEPT333X	084169118929	F1960 Expansion CR Polymer TEE - 1/2" EX PEX x 1/2" EX PEX x 1/2" EX PEX	8	25	250	1.9
QEPT334X	084169118936	F1960 Expansion CR Polymer TEE - 1/2" EX PEX x 1/2" EX PEX x 3/4" EX PEX	8	25	200	7.33
QEPT433X	084169118943	F1960 Expansion CR Polymer TEE - 3/4" EX PEX x 1/2" EX PEX x 1/2" EX PEX	8	25	200	2.9
QEPT434X	084169118950	F1960 Expansion CR Polymer TEE - 3/4" EX PEX x 1/2" EX PEX x 3/4" EX PEX	8	25	150	2.9
QEPT443X	084169118967	F1960 Expansion CR Polymer TEE - 3/4" EX PEX x 3/4" EX PEX x 1/2" EX PEX	8	25	150	2.46
QEPT444X	084169118974	F1960 Expansion CR Polymer TEE - 3/4" EX PEX x 3/4" EX PEX x 3/4" EX PEX	8	25	125	3.05
QEPT445X	084169118981	F1960 Expansion CR Polymer TEE - 3/4" EX PEX x 3/4" EX PEX x 1" EX PEX	8	10	80	10.92
QEPT544X	084169118998	F1960 Expansion CR Polymer TEE - 1" EX PEX x 3/4" EX PEX x 3/4" EX PEX	8	10	80	4.82
QEPT545X	084169119001	F1960 Expansion CR Polymer TEE - 1" EX PEX x 3/4" EX PEX x 1" EX PEX	8	10	60	5.82
QEPT553X	084169119018	F1960 Expansion CR Polymer TEE - 1" EX PEX x 1" EX PEX x 1/2" EX PEX	8	10	80	5.05
QEPT554X	084169119025	F1960 Expansion CR Polymer TEE - 1" EX PEX x 1" EX PEX x 3/4" EX PEX	8	10	60	5.60
QEPT555X	084169119032	F1960 Expansion CR Polymer TEE - 1" EX PEX x 1" EX PEX x 1" EX PEX	8	10	60	5.5
QEPT654X	084169119049	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1" EX PEX x 3/4" EX PEX	8	1	50	10.88
QEPT655X	084169119056	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1" EX PEX x 1" EX PEX	8	1	50	12.70
QEPT663X	084169119063	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 1/2" EX PEX	8	1	50	9.65
QEPT664X	084169119070	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 3/4" EX PEX	8	1	50	12.79
QEPT665X	084169119087	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 1" EX PEX $\times$ 1" EX PEX $\times$ 1" EX PEX	8	1	50	13.1
QEPT666X	084169119094	F1960 Expansion CR Polymer TEE - 1-1/4" EX PEX x 1-1/4" EX PEX x 1-1/4" EX PEX $\times$ 1-1/4" EX PEX	8	1	50	13.74
QEPT754X	084169119100	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1" EX PEX x 3/4" EX PEX	8	1	50	15.97
QEPT755X	084169119117	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1" EX PEX x 1" EX PEX	8	1	50	15.97
QEPT757X	084169119124	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1" EX PEX x 1-1/2" EX PEX	8	1	50	15.9
QEPT764X	084169119131	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 3/4" EX PEX	8	1	50	18.20
QEPT765X	084169119148	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 1" EX PEX	8	1	50	18.88
QEPT766X	084169119155	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/4" EX PEX x 1-1/4" EX PEX x 1-1/4" EX PEX $\times$ 1-1/4" EX PEX	8	1	50	20.0
QEPT773X	084169119162	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 1/2" EX PEX	8	1	50	14.4
QEPT774X	084169119179	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 3/4" EX PEX	8	1	50	17.00
QEPT775X	084169119186	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 1" EX PEX	8	1	50	17.6
QEPT776X	084169119193	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 1-1/4" EX PEX	8	1	50	18.1
QEPT777X	084169119209	F1960 Expansion CR Polymer TEE - 1-1/2" EX PEX x 1-1/2" EX PEX x 1-1/2" EX PEX $\times$ 1-1/2" EX PEX	8	1	50	19.20
QEPT874X	084169119216	F1960 Expansion CR Polymer TEE - 2" EX PEX x 1-1/2" EX PEX x 3/4" EX PEX	8	1	50	Jan-2018
QEPT875X	084169119223	F1960 Expansion CR Polymer TEE - 2" EX PEX x 1-1/2" EX PEX x 1" EX PEX	8	1	50	Jan-2018
QEPT876X	084169119230	F1960 Expansion CR Polymer TEE - 2" EX PEX x 1-1/2" EX PEX x 1-1/4" EX PEX	8	1	50	Jan-2018
QEPT877X	084169119247	F1960 Expansion CR Polymer TEE - 2" EX PEX x 1-1/2" EX PEX x 1-1/2" EX PEX	8	1	50	Jan-201
QEPT878X	084169119254	F1960 Expansion CR Polymer TEE - 2" EX PEX x 1-1/2" EX PEX x 2" EX PEX	8	1	50	Jan-201
QEPT883X	084169119261	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 1/2" EX PEX	8	1	50	Jan-2018
QEPT884X	084169119278	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 3/4" EX PEX	8	1	50	Jan-2018

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QT	Y. LIST PRICE
<b>EXPANSION</b>	CR TEES					
QEPT885X	084169119285	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 1" EX PEX	8	1	50	Jan-2018
QEPT886X	084169119292	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 1-1/4" EX PEX	8	1	50	Jan-2018
QEPT887X	084169119308	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 1-1/2" EX PEX	8	1	50	Jan-2018
QEPT888X	084169119315	F1960 Expansion CR Polymer TEE - 2" EX PEX x 2" EX PEX x 2" EX PEX	8	1	50	Jan-2018
<b>EXPANSION</b>	CR FI BOWS					
QEPE33X	084169118868	F1960 Expansion CR Polymer Elbow - 1/2" EX PEX x 1/2" EX PEX	8	25	400	1.91
QEPE44X	084169118875	F1960 Expansion CR Polymer Elbow - 3/4" EX PEX x 3/4" EX PEX	8	25	200	2.37
QEPE55X	084169118882	F1960 Expansion CR Polymer Elbow - 1" EX PEX x 1" EX PEX	8	10	100	4.87
QEPE66X	084169118899	F1960 Expansion CR Polymer Elbow - 1-1/4" EX PEX x 1-1/4" EX PEX	8	1	60	12.06
QEPE77X	084169118905	F1960 Expansion CR Polymer Elbow - 1-1/2" EX PEX x 1-1/2" EX PEX	8	1	50	16.06
QEPE88X	084169118912	F1960 Expansion CR Polymer Elbow - 2" EX PEX x 2" EX PEX	8	1	50	Jan-2018
	CR COUPLINGS					
QEPC33X	084169118714	F1960 Expansion CR Polymer Coupling - 1/2" EX PEX x 1/2" EX PEX	8	25	600	1.55
QEPC43X	084169118738	F1960 Expansion CR Polymer Coupling - 3/4" EX PEX x 1/2" EX PEX	8	25	300	3.23
QEPC44X	084169118745	F1960 Expansion CR Polymer Coupling - 3/4" EX PEX x 3/4" EX PEX	8	25	300	1.96
QEPC54X	084169118769	F1960 Expansion CR Polymer Coupling - 1" EX PEX x 3/4" EX PEX	8	10	250	4.64
QEPC55X	084169118752	F1960 Expansion CR Polymer Coupling - 1" EX PEX x 1" EX PEX	8	10	150	3.05
QEPC64X	084169118776	F1960 Expansion CR Polymer Coupling - 1-1/4" EX PEX x 3/4" EX PEX	8	1	100	6.78
QEPC65X	084169118783	F1960 Expansion CR Polymer Coupling - 1-1/4" EX PEX x 1" EX PEX	8	1	80	7.01
QEPC66X	084169118790	F1960 Expansion CR Polymer Coupling - 1-1/4" EX PEX x 1-1/4" EX PEX	8	1	50	7.96
QEPC74X	084169118806	F1960 Expansion CR Polymer Coupling - 1-1/2" EX PEX x 3/4" EX PEX	8	1	50	8.46
QEPC75X	084169118813	F1960 Expansion CR Polymer Coupling - 1-1/2" EX PEX x 1" EX PEX	8	1	50	9.05
QEPC76X	084169118820	F1960 Expansion CR Polymer Coupling - 1-1/2" EX PEX x 1-1/4" EX PEX	8	1	50	8.78
QEPC77X	084169118837	F1960 Expansion CR Polymer Coupling - 1-1/2" EX PEX x 1-1/2" EX PEX	8	1	50	8.92
QEPC87X	084169118844	F1960 Expansion CR Polymer Coupling - 2" EX PEX x 1-1/2" EX PEX	8	1	50	Jan-2018
QEPC88X	084169118851	F1960 Expansion CR Polymer Coupling - 2" EX PEX x 2" EX PEX	8	1	50	Jan-2018
	CR TEST PLUGS	1350 Expansion extraormer coupling 2 Extrem 2 Extrem	, ,		30	Juli 2010
QEP3P	084169119322	F1960 Expansion CR Polymer Test Plug - 1/2" EX PEX	8	25	1000	1.18
QEP4P	084169119339	F1960 Expansion CR Polymer Test Plug - 3/4" EX PEX	8	25	500	1.87
QEP5P	084169119339	F1960 Expansion CR Polymer Test Plug - 374 EX PEX	8	10	250	2.46
QEP6P	084169119353	F1960 Expansion CR Polymer Test Plug - 1-1/4" EX PEX	8	10	150	13.56
QEP7P	084169119360	F1960 Expansion CR Polymer Test Plug - 1-1/4" EX PEX	8	1	100	20.93
QEP8P	084169119377	F1960 Expansion CR Polymer Test Plug - 2" EX PEX	8	1	100	Jan-2018
5.2.5					100	Jai1-2010
	FIXTURE ADAPT		0	25	200	I 2010
QEPSFC33X	084169120489	F1960 Expansion CR Polymer Fixture Adapter - 1/2" EX PEX x 1/2" FPT Plastic Swivel Nut	8	25	200	Jan-2018
<b>EXPANSION I</b>	MINI BALL VALV	E				
QEPBV3X	084169119711	F1960 Expansion Qickport Polymer Ball Valve - 1/2" EX PEX x 1/2" FPT Plastic Swivel Nut	8	10	50	5.41
<b>EXPANSION I</b>	MULTIPORT TEE	- CLOSED END				
QEPMC43-3	084169120328	F1960 Expansion CR MultiPort Tee - Mains 3/4" EX PEX x Closed, (3) 1/2" EX PEX outlets	8	10	60	9.28
QEPMC43-4	084169120335	F1960 Expansion CR MultiPort Tee - Mains $3/4^{\prime\prime}$ EX PEX x Closed, (4) $1/2^{\prime\prime}$ EX PEX outlets	8	10	40	13.47
QEPMC43-6	084169120342	F1960 Expansion CR MultiPort Tee - Mains $3/4^{\prime\prime}$ EX PEX x Closed, (6) $1/2^{\prime\prime}$ EX PEX outlets	8	10	50	30.62
QEPMC53-4	084169120359	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x Closed, (4) 1/2" EX PEX outlets	8	10	30	16.24
QEPMC53-6	084169120366	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x Closed, (6) 1/2" EX PEX outlets	8	10	50	40.09
QEPMC64-3	084169119926	F1960 Expansion CR MultiPort Tee - Mains 1-1/4" EX PEX x Closed, (3) $3/4$ " EX PEX outlets	8	1	50	Jan-2018

PRODUCT NO.	UPC CODE	DESCRIPTION	CATEGORY	BAG QTY.	CARTON QTY.	LIST PRICE
EXPANSION M	ULTIPORT TEE	- CLOSED END DOUBLE ROW OUTLETS				
QEPMCD43-7	084169120373	F1960 Expansion CR MultiPort Tee - Mains 3/4" EX PEX x closed, (7) 1/2" EX PEX double row outlets	8	1	50	Jan-2018
QEPMCD43-8	084169120380	F1960 Expansion CR MultiPort Tee - Mains $3/4^{\prime\prime}$ EX PEX x closed, (8) $1/2^{\prime\prime}$ EX PEX double row outlets	8	1	50	Jan-2018
QEPMCD53-7	084169120397	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x closed, (7) $1/2$ " EX PEX double row outlets	8	1	50	Jan-2018
QEPMCD53-8	084169120403	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x closed, (8) $1/2$ " EX PEX double row outlets	8	1	50	Jan-2018
QEPMCD53-10	084169120410	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x closed, (10) 1/2" EX PEX double row outlets	8	1	50	Jan-2018
QEPMCD53-12	084169120427	F1960 Expansion CR MultiPort Tee - Mains 1" EX PEX x closed, (12) 1/2" EX PEX double row outlets	8	1	50	Jan-2018
EXPANSION M	ULTIPORT TEE	- FLOW THROUGH				
QEPMF443-2	084169120014	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4^{\prime\prime}$ x $3/4^{\prime\prime}$ , (2) $1/2^{\prime\prime}$ EX PEX outlets	8	10	80	7.92
QEPMF443-3	084169120021	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4^{\prime\prime}$ x $3/4^{\prime\prime}$ , (3) $1/2^{\prime\prime}$ EX PEX outlets	8	10	60	10.78
QEPMF443-4	084169120045	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4^{\prime\prime}$ x $3/4^{\prime\prime}$ , (4) $1/2^{\prime\prime}$ EX PEX outlets	8	10	50	13.47
QEPMF443-6	084169120069	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4" \times 3/4"$ , (6) $1/2"$ EX PEX outlets	8	10	40	16.24
QEPMF543-3	084169120038	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1" x $3/4$ ", (3) $1/2$ " EX PEX outlets	8	10	50	Jan-2018
QEPMF543-4	084169120113	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1" x $3/4$ ", (4) $1/2$ " EX PEX outlets	8	10	50	30.6
QEPMF543-6	084169120076	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1" x $3/4$ ", (6) $1/2$ " EX PEX outlets	8	10	50	40.09
QEPMF553-4	084169120052	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1" x 1", (4) 1/2" EX PEX outlets	8	10	50	30.6
QEPMF553-6	084169120083	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1" x 1", (6) $1/2$ " EX PEX outlets	8	10	50	40.09
QEPMF664-3	084169120434	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 1-1/4" x 1-1/4", (3) $3/4$ " EX PEX outlets	8	1	25	Jan-2018
QEPMF885-3	084169120441	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains 2" x 2", (3) 1" EX PEX outlets	8	1	25	Jan-2018
EXPANSION M	ULTIPORT TEE	- FLOW THROUGH, OPPOSED BRANCH OUTLETS				
QEPMF0443-3	084169120090	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4"x\ 3/4"$ , (3) $1/2"$ EX PEX opposed outlets	8	10	50	17.79
QEPMF0443-4	084169120106	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4"x3/4"$ , (4) $1/2"$ EX PEX opposed outlets	8	10	50	24.12
QEPMFO443-6	084169120120	F1960 Expansion CR MultiPort Tee - Flow-Thru EX PEX Mains $3/4"x3/4"$ , (6) $1/2"$ EX PEX opposed outlets	8	10	50	36.9
<b>EXPANSION M</b>	ULTIPORT TEE	- CLOSED END, OPPOSED BRANCH OUTLETS				
QEPMCO43-3	084169120458	F1960 Expansion CR MultiPort Tee - Mains 3/4" EX PEX x closed, (3) 1/2" EX PEX opposed outlets	8	10	50	17.84
QEPMCO43-4	084169120465	F1960 Expansion CR MultiPort Tee - Mains $3/4^{\prime\prime}$ EX PEX x closed, (4) $1/2^{\prime\prime}$ EX PEX opposed outlets	8	10	50	23.98
QEPMCO43-8	084169120472	F1960 Expansion CR MultiPort Tee - Mains $3/4^{\prime\prime}$ EX PEX x closed, (8) $1/2^{\prime\prime}$ EX PEX opposed outlets	8	10	50	40.54
<b>EXPANSION M</b>	ULTIPORT TEE	- VERTICAL - FLOW THROUGH, TEE MAIN X MAIN				
QEPMFV4443-3	084169120168	F1960 Expansion CR MultiPort Tee - Vertical - Flow-Thru EX PEX Mains (2) 3/4" Tee, (3) 1/2" EX PEX outlets	8	10	50	Jan-2018
QEPMFV4443-4	084169120175	F1960 Expansion CR MultiPort Tee - Vertical - Flow-Thru EX PEX Mains (2) 3/4" Tee, (4) 1/2" EX PEX outlets	8	10	50	Jan-2018
EXPANSION M	ULTIPORT TEE	- HORIZONTAL - FLOW THROUGH, ELL MAIN X MAIN				
QEPMFH4443-4	084169120182	F1960 Expansion CR MultiPort Tee - Horizontal - Flow-Thru EX PEX Mains (2) 3/4" EII, (4) 1/2" EX PEX outlets	8	10	50	Jan-2018

# ZURN PEX® PLUMBING AND RADIANT HEATING SYSTEMS FIRE PROTECTION SYSTEMS - PROFESSIONAL INSTALLATION LIMITED WARRANTY

Subject to the terms and conditions of this Limited Warranty, and relating to Zurn PEX Plumbing and Radiant Heating and Fire Protection Systems, Zurn PEX, Inc. warrants only to the owner of the real property when installed by licensed professional contractors or authorized distributors who purchase and properly install in a potable plumbing system and/or radiant heating system and/or fire protection system its:

- Zurn PEX Non-Barrier cross-linked polyethylene tubing (PEX) and Zurn PEX CR poly expansion fittings, and Zurn PEX XL brass expansion fittings, when installed as a system with Zurn PEX Non-Barrier cross-linked polyethylene tubing (PEX), for a period of twenty-five (25) years, and
- Zurn PEX Non-Barrier and Performa\* Barrier cross-linked polyethylene tubing (PEX) and Zurn PEX CR poly insert fittings, and Zurn PEX XL brass insert fittings, and Zurn PEX copper crimp rings when installed as a system with Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX), for a period of twenty-five (25) years, and
- Zurn PEX Non-Barrier and Performa Barrier cross-linked polyethylene tubing (PEX) and Zurn PEX CR poly insert fittings, and Zurn PEX XL brass insert fittings, and Zurn PEX QickClamp™ crimp rings when installed as a system with Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX), for a period of twenty-five (25) years, and
- 4. Zurn PEX Non-Barrier cross-linked polyethylene tubing (PEX) and Zurn Z-Bite™ Fittings when installed as a system with Zurn PEX Non-Barrier cross-linked polyethylene (PEX) tubing, for a period of twenty-five (25) years, and
- Zurn PEX hyPE-RTube PE-RT tube for a period of twenty-five (25) years, and
- Zurn PEX Non-Barrier and Performa Barrier cross-linked polyethylene tubing (PEX) and Zurn PEX XL brass insert fittings, and Zurn PEX CR poly insert fittings, and stainless steel clamps when installed as a system with Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX), for a period of fifteen (15) years, and
- Zurn Z-Bite fittings when installed with copper tube meeting ASTM B88 or CPVC tube meeting ASTM D2846 or PEX tube meeting ASTM F876 from another manufacturer for a period of five (5) years, and
- 8. Zurn PEX Performa Barrier cross-linked polyethylene tubing (PEX), for a period of thirty (30) years, and
- Zurn PEX Alumicor® PEX-AL-PEX (cross-linkedpolyethylene-aluminumcrosslinked- polyethylene) tubing for a period of twenty-five (25) years, and
- 10. Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX) for a period of twenty-five (25) years, and
- Zurn PEX XL brass insert, and Zurn PEX CR poly insert fittings when not installed with Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX) and installed with PEX tubing that meets the ASTM F876 requirements for a period of five (5) years, and
- 12. Zurn PEX XL brass expansion fittings, and Zurn PEX CR poly expansion fittings when not installed with Zurn PEX Non-Barrier cross-linked polyethylene tubing (PEX) and installed with PEX tubing that meets the ASTM F1960 requirements for a period of five (5) years, and
- QickClamp crimp rings when not installed with Zurn PEX Non-Barrier and Barrier cross-linked polyethylene tubing (PEX) and installed with PEX tubing that meets the ASTM F876 requirements, for a period of five (5) years, and
- Zurn PEX Alumicor PEX-AL-PEX brass compression fittings when used with another manufacturer's tubing that meets the requirements of ASTM F1281 for a period of ten (10) years, and
- QickPort\* plumbing manifolds, under normal conditions of use, for a period of ten (10) years, and
- 16. Zurn PEX riser tubes and supplies, if installed properly, for a period of one (1) year from the date of installation, and
- The associated hardware and accessories, including manifolds, distribution headers, valves, electrical controls, and miscellaneous fittings, for a period of two (2) years from the date of installation, and
- 18. Zurn PEX Crimp Tools, if properly used under normal conditions, for a period of six (6) months from date of purchase.

In order for this Limited Warranty to apply, the above referenced products must be installed by a licensed professional meeting all applicable code requirements and good plumbing practices.

FAILURE TO INSTALL ZURN PEX PRODUCTS ACCORDING TO MANUFACTURER'S INSTRUCTIONS WILL VOID ALL APPLICABLE WARRANTIES AND MAY RESULT IN SEVERE WATER DAMAGE. Under this warranty, you only have a right reimbursement if the alleged failure is determined to be a direct result of the product(s) as covered in this warranty and occurred during the warranty period. This warranty does not apply and you do not have a right of reimbursement if the failure or resulting damage is caused by:

- I. freezing during or after the installation or inadequate freeze protection;
- II. damage due to tear, breaks, or other external damages before, during or after installation;
- III. components not manufactured or sold by Zurn PEX, Inc.;
- exposure to temperatures and pressures beyond the specified range for Zurn PEX products as specified on the product in the Zurn PEX Design Manual and Installation Guide;
- V. any form of corrosion;
- VI. exposure to ultraviolet light;
- VII. damage or wear from abnormal operating conditions, accident, abuse, misuse, or unauthorized alterations or repair or damage attributable to water discharged as part of a system's normal operating process;
- VIII. exposure to harmful, unauthorized, or unanticipated chemicals or substances;
- IX. failure to install, inspect, or test Zurn PEX Fire Protection Systems in accordance with applicable code requirements, Zurn PEX Residential Fire Protection Systems Installation Guide instructions at the time of installation, and accepted industry practices including, but not limited to, NEPAI3D
- malfunction or otherwise improper function of sprinkler(s) installed with a Zurn PEX Fire Protection System, which are not manufactured by Zurn PEX. Inc.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR OBLIGATIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ZURN PEX DOES NOT GUARANTEE OR IN ANY WAY WARRANT THE INSTALLATION OF ZURN PEX PRODUCTS DUE TO THE WIDE VARIANCE IN INSTALLATION PRACTICES AND OTHER CONDITIONS BEYOND OUR CONTROL. IN NO EVENT SHALL ZURN PEX, INC. BE LIABLE IN TORT OR CONTRACT OR UNDER ANY OTHER LEGAL OR EQUITABLE THEORY OF LAW FOR ANY INCIDENTAL SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

If you believe that a product fails to meet the above Limited Warranty, you should notify us in writing within 30 days of an alleged failure and prior to expiration of the applicable warranty period set forth above, at the following address:

Zurn PEX, Inc. 116 Maple Street Commerce, TX 75428 Attention: Product Claims

Notification should include a description of the product, the failed part, model number (if available), date of purchase and/or date of installation, and how the product fails to meet the above warranty. Upon receipt of a written claim under this Limited Warranty and evidence/identification of the date of manufacture of product. and after inspection by an authorized Zurn PEX representative and determination of a manufacturing defect. Zurn PEX, Inc. will reimburse the property owner for reasonable repair or replacement charges, to include drywall and painting as well as damages to real property and the premises within which the product is installed, resulting from the failure or leak. At our option, and in our sole discretion, we will either repair or replace the product with a Zurn PEX product of the same or similar type, size, and like quantity. THESE REMEDIES ARE THE EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY. UNDER NO CIRCUMSTANCES WILL ZURN PEX, INC. BE LIABLE FOR ANY OTHER INJURY, LOSS, DAMAGE OR EXPENSE WHETHER DIRECT. INDIRECT, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE; INCLUDING BUT NOT LIMITED TO LOSS OF USE, INCOME, PROFIT, PRODUCTION OR INCREASED COST OF OPERATION, SPOILAGE OR DAMAGE TO MATERIAL, OR CHANGE OUT COSTS. In order to qualify for a labor allowance to repair or replace defective material, you must contact Zurn PEX in advance and receive written authorization for this allowance. Except as specified above, we will not pay any costs (labor or otherwise) associated with removing previously installed product(s), installing replacement product(s) or return of a product. If, as determined by Zurn PEX, Inc. in its sole discretion, that repair or replacement of the product is not commercially practicable, or cannot be completed in a timely manner, we may refund the ultimate purchase price paid for the product upon verification by providing a copy of your purchase order, invoice, receipt. or bill of sale. No action on the part of Zurn PEX, Inc. under this warranty shall be construed as an admission of liability or that the product is not fit for its intended use.

## **ZURN TERMS AND CONDITIONS**

## PRICE AND TERMS OF PAYMENT

Terms are net, payable 30 days from date of invoice. All pricing in U.S. currency. The Buyer shall pay all sales, consumers, or other applicable taxes. A 1-1/2% monthly (18% annual) service charge will be added to the outstanding balance of all past due invoices.

Minimum invoice \$100.00. Zurn Industries, LLC ("Zurn") reserves the right to apply a minimum order charge in order to meet the \$100.00 minimum invoice requirement. All orders are subject to credit approval by the Zurn Credit Department prior to the acceptance of an order. Orders may be refused, delivery may be withheld, or shipment stopped in transit without any liability on Zurn's part at Zurn's sole discretion based upon Buyer's credit worthiness as determined by Zurn.

#### **FREIGHT**

Zurn is pleased to provide an industry-leading \$3,000 freight rate for Zurn PEX orders, and \$3,500 freight rate for combined Zurn products. Please see below for specific policy details.

All sales are F.O.B. seller's location. Zurn will allow full freight allowance when any of the following conditions are met: 1) any combination of Specification Drainage, Light Commercial, Commercial Brass or Wilkins orders of \$3,500 or more; 2) Linear Drainage and Chemical Drainage orders of \$5,000 or more; 3) any Combination of Specification Drainage, Light Commercial, Commercial Brass, Wilkins, Linear Drainage and Chemical Drainage orders of \$5,000 or more; 4) Zurn One Systems orders of \$7,500 or more; 5) fixture only orders totaling \$10,000 or more. This full freight allowance applies when the shipment is within the continental United States and has a single destination of a buyer's standard address or job location. Routing of shipment shall be determined at the sole direction of Zurn. Shipping dates are estimates and time of delivery shall not be of the essence of this sale contract. Under no circumstances will the Seller have any responsibility on account of any delays in manufacture, transportation, or otherwise. Terms of Export Shipment on application.

**NOTE:** Any product dimension larger than 92" or any single item weighing more than 3,500 lbs., shall be defined as an oversized and/or overweight product and Zurn's standard FFA terms may not apply. Please contact our customer service department for guidance on potential additional shipping charges

These charges and restrictions apply in addition to Zurn standard terms and conditions for sale unless otherwise agreed upon by the parties.

## **LIMITED WARRANTY**

Zurn goods sold hereunder are warranted to be free from defects in material and factory workmanship for the period of time from the date of purchase: AquaVantage® Flush Valves, AquaFlush® Flush Valves, Commercial Fixtures, Faucets, Showers, and Tubular Brass three years; Chemical Drainage, Linear Drainage, Light Commercial, Specification Drainage, Zurn Wilkins, and Flush Valve and Tubular Brass decorative finishes one year, PHIX® Cartridge ten years, FOG-ceptor™ thirty years. Where permitted by law, THE IMPLIED WARRANTY OF MERCHANTABILITY IS LIMITED TO THE ABOVE IDENTIFIED PERIOD OF TIME AND SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF THE DEFECTIVE GOODS. A damaged/broken test cock or ball valve is not considered defective. Please contact Zurn Customer Care for assistance.

Zurn will replace goods at no cost that prove defective provided Zurn is notified in writing of such defect and the goods are returned prepaid at the specified Zurn location with evidence that they have been properly maintained and used in accordance with instructions. ZURN SHALL NOT BE RESPONSIBLE FOR ANY LABOR CHARGES OR ANY LOSS, INJURY, OR DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES. The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for his intended use and the purchaser assumes all risk and liability whatever in the connection therewith. All weights stated in

Zurn catalogs and lists are approximate and are not guaranteed.

### RETURNED GOODS

Standard cataloged material may be returned only with written permission of Zurn. Returned goods are subject to a 25% restocking charge of total saleable material returned, plus cost of reconditioning, if necessary, to make material sellable. Transportation charges are the responsibility of the Buyer. Credit allowance will be in the form of merchandise credit only – not cash credit. The value of the return must total at least \$100.00 to qualify for credit allowance. No credit will be allowed for parts unless originally ordered and invoiced as parts. No credit will be allowed for discontinued or made-toorder items. Items that have been specially made are not subject to return or cancellation except by special negotiation. Material must be returned within one year of invoice date for credit to be issued for Chemical Drainage, Linear Drainage, and Light Commercial. Material must be returned within two years of invoice date for credit to be issued for Commercial Fixtures, Flush Valve Products, Specification Drainage, Tubular Brass, and Zurn Wilkins. No credit is allowed for Linear Drainage products that have been cut and Specification Drainage product with auxiliary tappings. Flush Valve material over two years old will be subject to a 50% handling charge. Flush Valve material over five years old will not be accepted. Light Commercial and Specification Drainage galvanized material will be credited at value of Dura-Coated cast iron, and chrome plated at value of bronze. Zurn Wilkins damaged/broken test cocks or ball valves are not considered defective.

## ILLUSTRATIONS OF TYPICAL INSTALLATIONS

The typical installations for various products found in each product section are intended to illustrate the products and potential options for the use of these products. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

## SHORTAGE/DAMAGE CLAIMS

Notification of material shortages or incorrect filling of orders must be made to Zurn within 10 days of receipt. No claims over three months old will be honored. Buyer agrees to make all complaints for damage in transit or "short count" directly to the carrier; before the contents are unloaded have the carrier agent's acknowledgment of such damage noted on the bill of lading and to present to the carrier its agent's acknowledgment of such damaged material with formal claim covering said damage.

## **GENERAL**

Zurn reserves the right to make changes in design or equipment of any item or product without incurring any obligation on previously sold items, and to discontinue items at any time, without notice. Possession of this Catalog or other sales literature is not to be construed as an offer to sell. All orders are subject to acceptance by Zurn . Catalog printed in U.S.A.

Zurn flush valves are designed to comply with Army Corp of Engineers and Naval guide specifications, Military Specification MIL.V.29193 and Federal Specification WWP541.

Zurn flush valves comply with the following standards: ASME A112.18.1/CSA B125.1, A112.19.5, A112.19.2, A112.19.6, ASSE 1037 and 101 are listed by the following agencies: Canadian Standards, IAPMO/UPC/CUPC, and CSA 125.3. Zurn flush valves are manufactured from dezincification resistant alloys. For additional compliances, contact Zurn Industries, LLC, Commercial Brass Operation, or 1-800-997-3876.

Zurn is not responsible for typographical errors. The contents of this guide are subject to revision without notice.

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