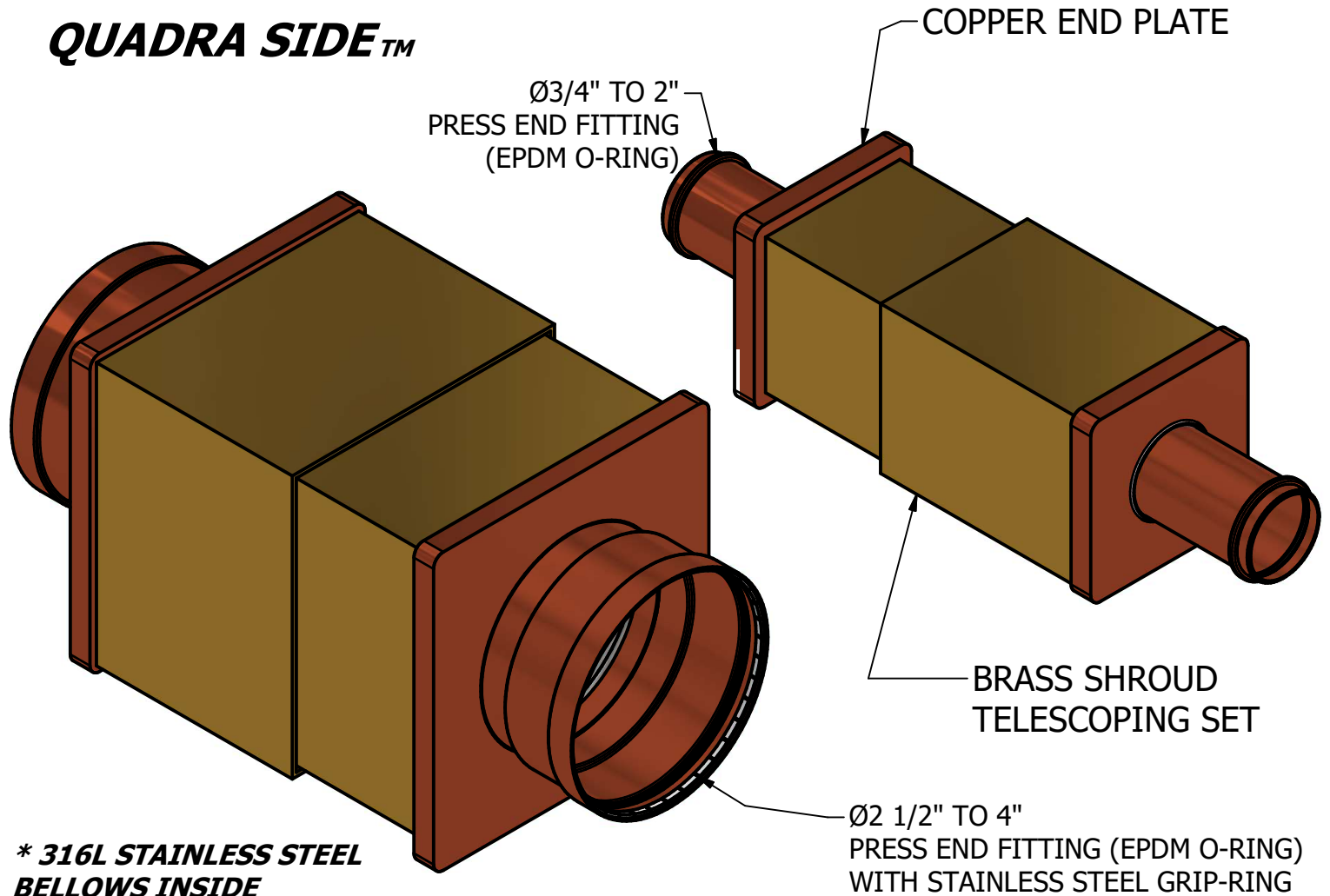




SUBMITTAL

August 2024

QUADRA SIDE™



*** 316L STAINLESS STEEL BELLOWS INSIDE**

NOMINAL SIZE	PART NUMBER	ACTUAL ID	OVERALL LENGTH
3/4"	F0067QPRS	7/8"	8"
1"	F0107QPRS	1 1/8"	8.3"
1 1/4"	F0127QPRS	1 3/8"	8.7"
1 1/2"	F0147QPRS	1 5/8"	9.3"
2"	F0207QPRS	2 1/8"	9.9"
2 1/2"	F0247QPRS	2 5/8"	8.95"
3"	F0307QPRS	3 1/8"	9.54"
4"	F0407QPRS	4 1/8"	10.41"

MAX WORKING PRESSURE AT 70°F = 300 PSI
 2" AXIAL MOVEMENT
 1 1/2" COMPRESSION
 1/2" EXTENSION
 SAFE FOR POTABLE WATER SYSTEMS. SERVICE TEMPERATURE RANGE: 0°F TO 250°F
*** SEE DATA SHEET FOR APPLICATION INFORMATION**

PROJECT	
DATE	
CUSTOMER	
ENGINEER	
ARCHITECT	

**1425 LAKE AVE
 WOODSTOCK, IL, 60098
 815-334-3600
www.kelcoind.com**



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APPLICATION DATA SHEET

MEDIA	MAXIMUM PRESSURE @ 70F	TEMPERATURE RANGE (F)
HOT AND COLD POTABLE WATER	300 PSI	0 TO 250
RAINWATER/GREYWATER	300 PSI	0 TO 250
CHILLER WATER (<50% ETHYLENE / PROPYLENE GLYCOL)	300 PSI	0 TO 250
HYDRONIC HEATING WATER(<50% ETHYLENE / PROPYLENE GLYCOL)	300 PSI	0 TO 250
COMPRESSED AIR	200	MAX 140
NITROGEN (NON-MEDICAL)	200	MAX 140
ARGON	200	MAX 140
ACETONE (LIQUID)	70	-14 TO 104

NOTE: USE WITH STEAM TO BE AVOIDED.

ALL COPPER / COPPER ALLOY COMPONENTS EXPOSED TO AMMONIA ENVIRONEMENTS REQUIRE LACQUER OR PAINT COATING (NOT PROVIDED BY FLEXWELD)

PRESS END COMPATIBLE WITH B88 COPPER TUBE TYPES K, L AND M

MINIMUM DISTANCE BETWEEN PRESS END FITTINGS	
TUBE DIAMETER	MINIMUM DISTANCE REQUIRED
1/2"	0
3/4"	0
1"	0
1 1/4"	7/16"
1 1/2"	5/8"
2"	3/4"
2 1/2"	5/8"
3"	5/8"
4"	5/8"

MINIMUM BRAZING/SOLDERING DISTANCE FROM PRESS FITTING**		
TUBE DIAMETER	MIN SOLDERING DISTANCE	MIN BRAZING DISTANCE
1/2"	1 1/2"	4 1/2"
3/4"	2 1/4"	6 3/4"
1"	3"	9"
1 1/4"	3 3/4"	11 1/4"
1 1/2"	4 1/2"	13 1/2"
2"	6"	18"
2 1/2"	7 1/2"	22 1/2"
3"	9"	27"
4"	12"	36"

****CAUTION: BRAZING / SOLDERING SHOULD BE AVOIDED NEAR THE PRESS FITTING AS THIS MAY CAUSE SEAL TO DEGRADE.**

ADEQUATE PRECAUTIONS MUST BE TAKEN IF SOLDERING NEAR PRESS FITTING CANNOT BE AVOIDED SUCH AS FABRICATING BRAZED JOINTS PRIOR TO ASSEMBLY WITH PRESS FITTING, WRAPPING IN A WET RAG OR APPLYING A HOT BLOCK AND MAINTAINING THE SPECIFIED DISTANCE TO PREVENT HEAT TRANSFER TO PRESS FITTING

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