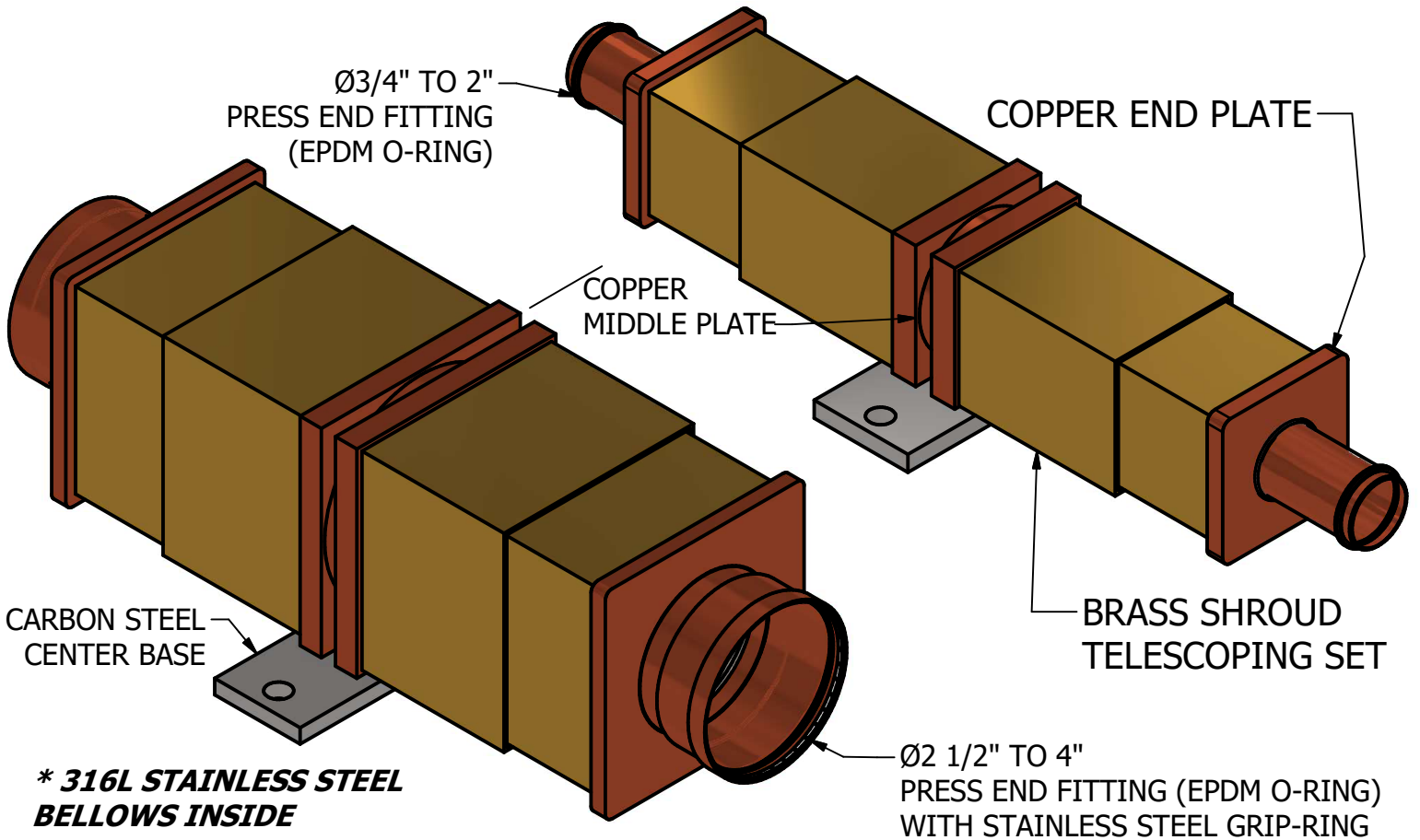




**SUBMITTAL**  
August 2024

**QUADRA SIDE™**



**\* 316L STAINLESS STEEL BELLOWS INSIDE**

NOMINAL SIZE	ACTUAL ID	PART NUMBER	OVERALL LENGTH
3/4"	7/8"	F0067QPRSD	13.62"
1"	1 1/8"	F0107QPRSD	13.86"
1 1/4"	1 3/8"	F0127QPRSD	14.25"
1 1/2"	1 5/8"	F0147QPRSD	14.88"
2"	2 1/8"	F0207QPRSD	15.47"
2 1/2"	2 5/8"	F0247QPRSD	14.57"
3"	3 1/8"	F0307QPRSD	15.16"
4"	4 1/8"	F0407QPRSD	16.03"

MAX WORKING PRESSURE AT 70°F = 300 PSI  
4" AXIAL MOVEMENT  
3" COMPRESSION  
1" 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](http://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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