

**FIELD INSTALLATION:**

1. FIELD CONNECTIONS USING BRAZING OR SOLDERING PROCESS SHOULD NOT USE A FLUX THAT IS CHLORINATED. FLUX THAT IS RESIDUAL ON THE INTERIOR AND EXTERIOR OF A HOSE THAT IS CHLORINATED WILL CORRODE AND CAUSE PREMATURE FAILURE OF THE STAINLESS STEEL AND VOID ANY WARRANTY.
2. THE FIELD INSTALLATION OF THE CONNECTORS WILL REQUIRE THE USE OF A HEAT SINK MATERIAL TO ABSORB TRANSIENT HEAT THAT COULD DECOUPLE THE FITTINGS FROM THE HOSE. FAILURE TO PROVIDE ADEQUATE HEAT CONTROL DURING INSTALLATION WILL CAUSE IRREPERABLE DAMAGE AND VOID THE WARRANTY.

**ASSEMBLY MATERIALS:**

**HOSE/BRAID:** BRONZE


**90° ELBOWS:** COPPER

**45° ELBOWS:** COPPER

QTY	SIZE	MODEL	MOVEMENT	OAL	HEIGHT	PSI	COMMENTS
	.50"	440-050-4	+/- 4"	25.25"	12"	566	
	.75"	440-075-4	+/- 4"	28.75"	13.375"	468	
	1.00"	440-100-4	+/- 4"	30.375"	14.25"	334	
	1.25"	440-125-4	+/- 4"	33.375"	15.5"	306	
	1.50"	440-150-4	+/- 4"	35.75"	16.625"	297	
	2.00"	440-200-4	+/- 4"	40.25"	18.5"	210	

NOTES: CONTACT FACTORY FOR MOVEMENTS AND SIZES NOT SHOWN. GO TO [WWW.UNISOURCE-MFG.COM](http://WWW.UNISOURCE-MFG.COM) FOR INSTALLATION INSTRUCTIONS. PRESSURES LISTED ARE AT 70°F. MAX WORKING TEMPERATURE 400°F.

CUSTOMER: \_\_\_\_\_  
 PROJECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_

0	RELEASED	06/15	BC
REV	DESCRIPTION	DATE	APPROVED
REVISION HISTORY			
			
8040 N.E. 33rd Dr Portland, OR 97211 Ph: 503.281.4673, Fax 503.281.5845			
<b>UNISOURCE V LOOP COPPER</b> COUPLING ENDS - +/- 4" MOVEMENT			
DRAWN BY: BC		DATE: 06/15/15	
DWG NO: 440-4.idw		SCALE: NONE	