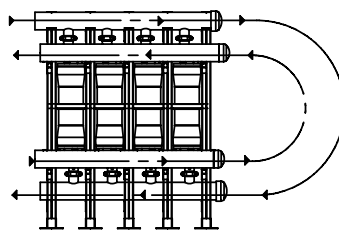
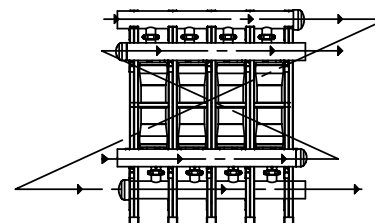


- NOTES:
1. ENERGY RECOVERY INC. PRESSURE EXCHANGER DEVICE PRICES DO NOT INCLUDE ANY PIPING COMPONENTS, MANIFOLDS, RACKS, OR CONNECTION FITTINGS.
 2. CUSTOMER TO VERIFY AND PROVIDE MANIFOLD PIPING AND RACKING IN ACCORDANCE WITH ENERGY RECOVERY INC. SPECIFICATIONS AND THEIR OWN PROCESS.
 3. ENERGY RECOVERY RESERVES TO RIGHT TO MAKE SPECIFICATION OR DIMENSION CHANGES WITHOUT NOTICE.
 4. REFER TO ERI DRAWING #: 40009 FOR PX DEVICE UNIT DIMENSIONS

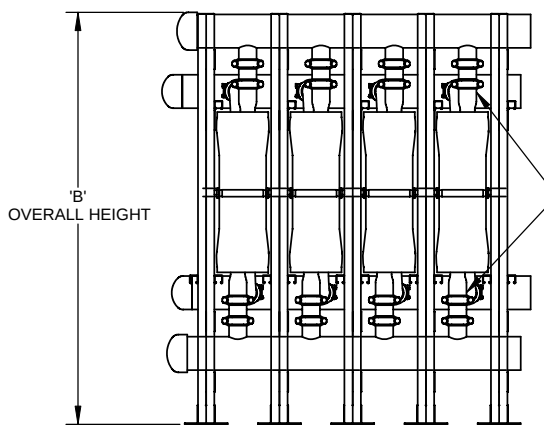
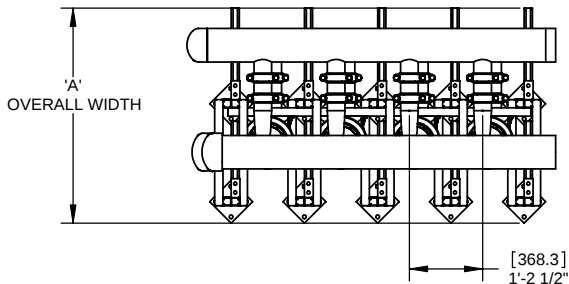
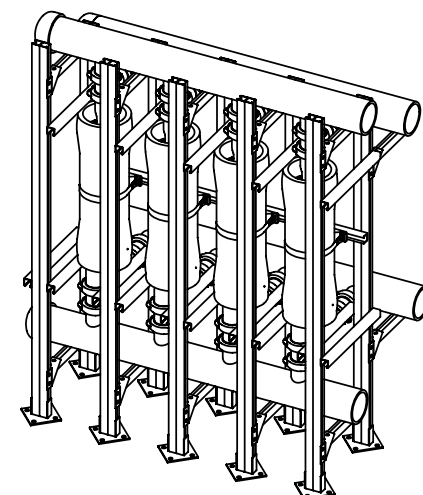
5. SUPPORT PX DEVICE BY HOUSING. USE SHIMS UNDER ALL PX DEVICES. ADJUST THICKNESS ACCORDINGLY.
6. MAXIMUM HIGH AND LOW PRESSURE INLET VELOCITIES ARE 12 ft/s (3.7 m/s) FOR 'U' CONFIGURATION AND 7 ft/s (2.1 m/s) FOR 'Z' CONFIGURATION. HIGH PRESSURE FLOW CONFIGURATION IS INDEPENDENT OF LOW PRESSURE FLOW CONFIGURATION. SEE DESIGN OF PX DEVICE ARRAYS IN ERI DOCUMENT #80074-01
7. PX DEVICE ORIENTATION CAN BE AS SHOWN OR INVERTED.
8. A 'T' FLOW MANIFOLD IS CONSIDERED TO BE TWO 'U' FLOW MANIFOLDS FACE TO FACE.



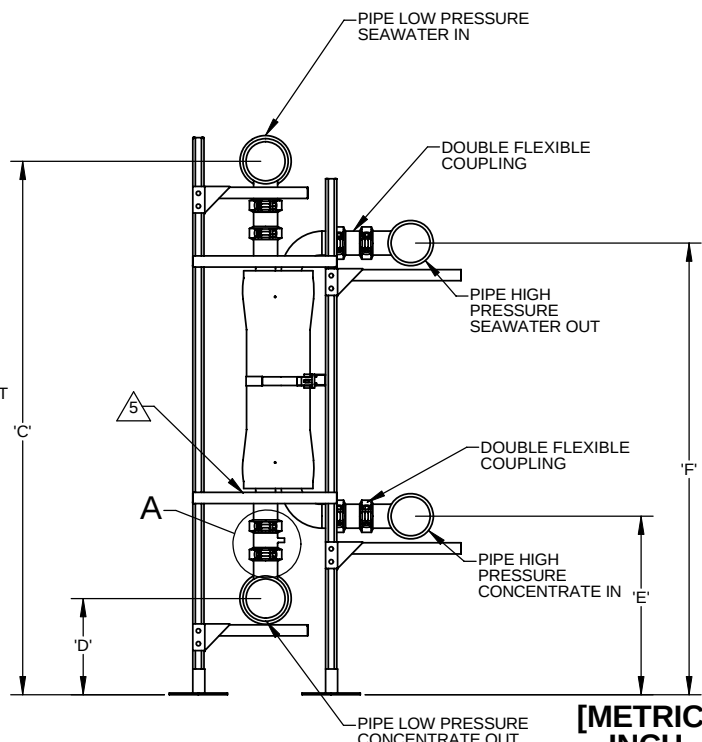
**'U' FLOW
CONFIGURATION**



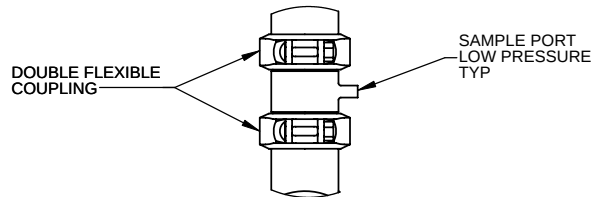
**'Z' FLOW
CONFIGURATION**



NOTE PORTS DO NOT
LINE UP VERTICALLY



4 PX CONFIGURATION SHOWN



DETAIL A
SCALE 1 : 5

FOR CONCEPT ONLY

PROPRIETARY AND CONFIDENTIAL

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INFORMATION

DRAWING STATUS

**[METRIC]
INCH**

UNLESS OTHERWISE SPECIFIED:
TOLERANCES: (IN INCHES)
FRACTIONAL: $\pm 1/32"$
ANGULAR: MACH $\pm 5^\circ$
BEND $\pm 1^\circ$
TWO PLACE DECIMAL: $\pm .01"$
THREE PLACE DECIMAL: $\pm .005"$
FOUR PLACE DECIMAL: $\pm .0002"$
SURFACE FINISH:
ON PART 125 RMS
ON O-RING SURFACES 32 RMS
FINISH:
DIMENSIONING AND TOLERANCING PER ANSI Y14.5M (LATEST)
MATERIAL:
N/A

PIPE DIA. (in)	A	B	C	D	E	F
DN150 6"	1080	2064	1961	340	646	1659
DN200 8"	1080	2134	1984	313	646	1659
DN250 10"	1130	2369	2166	437	799	1812
DN300 12"	1156	2445	2228	448	837	1850
DN350 14"	1159	2486	2290	481	888	1901
DN400 16"	1232	2537	2312	453	888	1901
DN450 18"	1309	2597	2346	425	888	1901

2	--	CORRECTED PX POSITIONING	FTM	01/23/2008
1	--	ADDED U AND Z CONFIGURATION ILLUSTRATIONS AND NOTE ON FLOW VELOCITIES AND PX ORIENTATION	FTM	12/18/2007
REV.	ECN NO.	DESCRIPTION	BY	DATE
REVISIONS				
 ENERGY RECOVERY INC. 1908 Doolittle Drive, San Leandro, CA 94577 Ph. (510)483-7370 / Fax: (510)483-7371 www.energyrecovery.com				
DRAWN	FTM	07/12/2006	TITLE: GENERAL TRAIN ARRAY	
CHECKED	JGM	07/25/2006	65 SERIES	
ENG APPR.	RLS	07/25/2006	SIZE C	DWG. NO. 60007
THIRD ANGLE PROJECTION			SCALE: 1:14	REV 2
			WEIGHT:	SHEET 1 OF 1