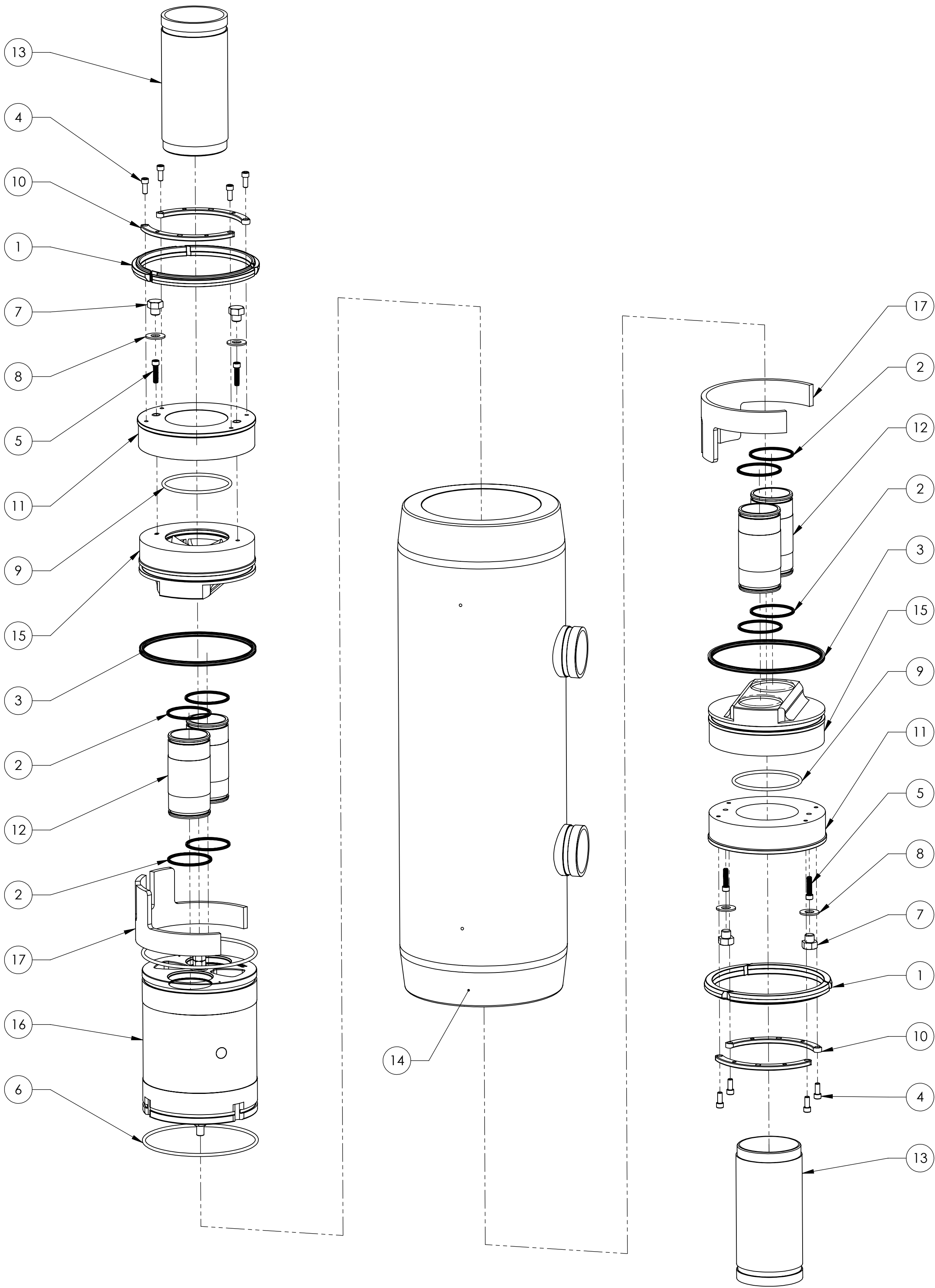


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- NOTES:
1. INSTALL O-RINGS WITH GLYCERIN OR OTHER APPROVED WATER BASED LUBRICANT.
2. REFER TO OPERATION AND MAINTENANCE MANUAL FOR ASSEMBLY & DISASSEMBLY INSTRUCTIONS AND REQUIREMENTS.

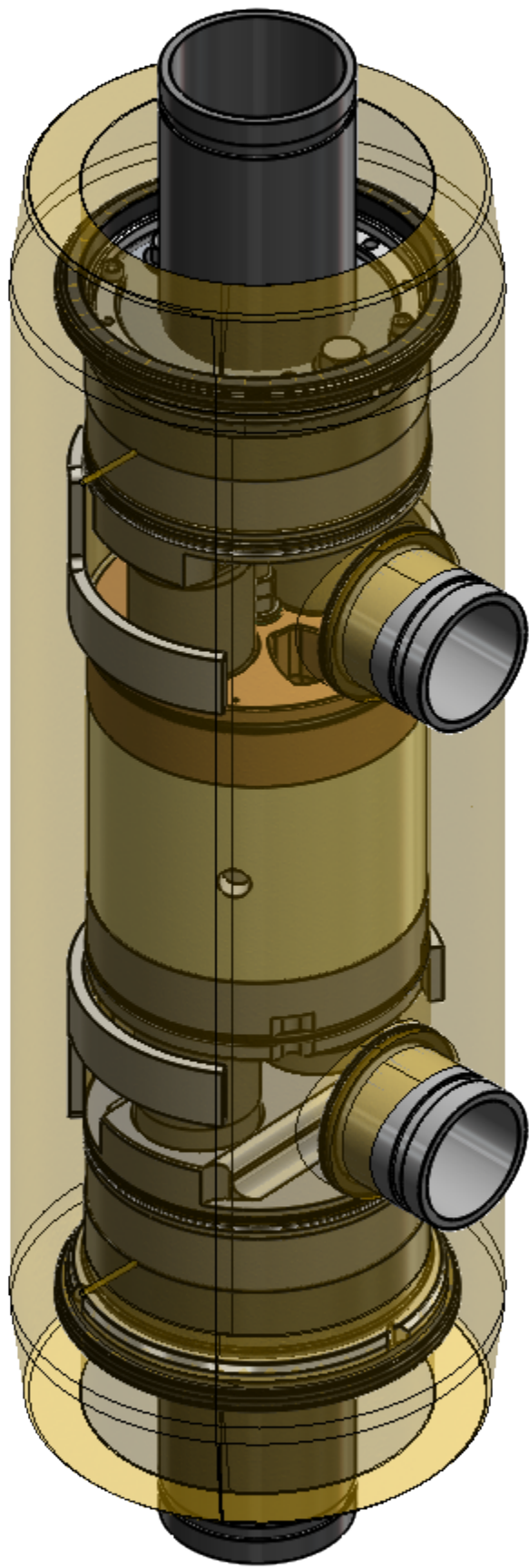
TABULATION BLOCK	
PART NUMBER	DESCRIPTION
40037-01	ASSY, PX-Q300, LABELED FOR FEEDWATER SIDE UP
40037-02	ASSY, PX-Q300, LABELED FOR CONCENTRATE SIDE

PROPRIETARY
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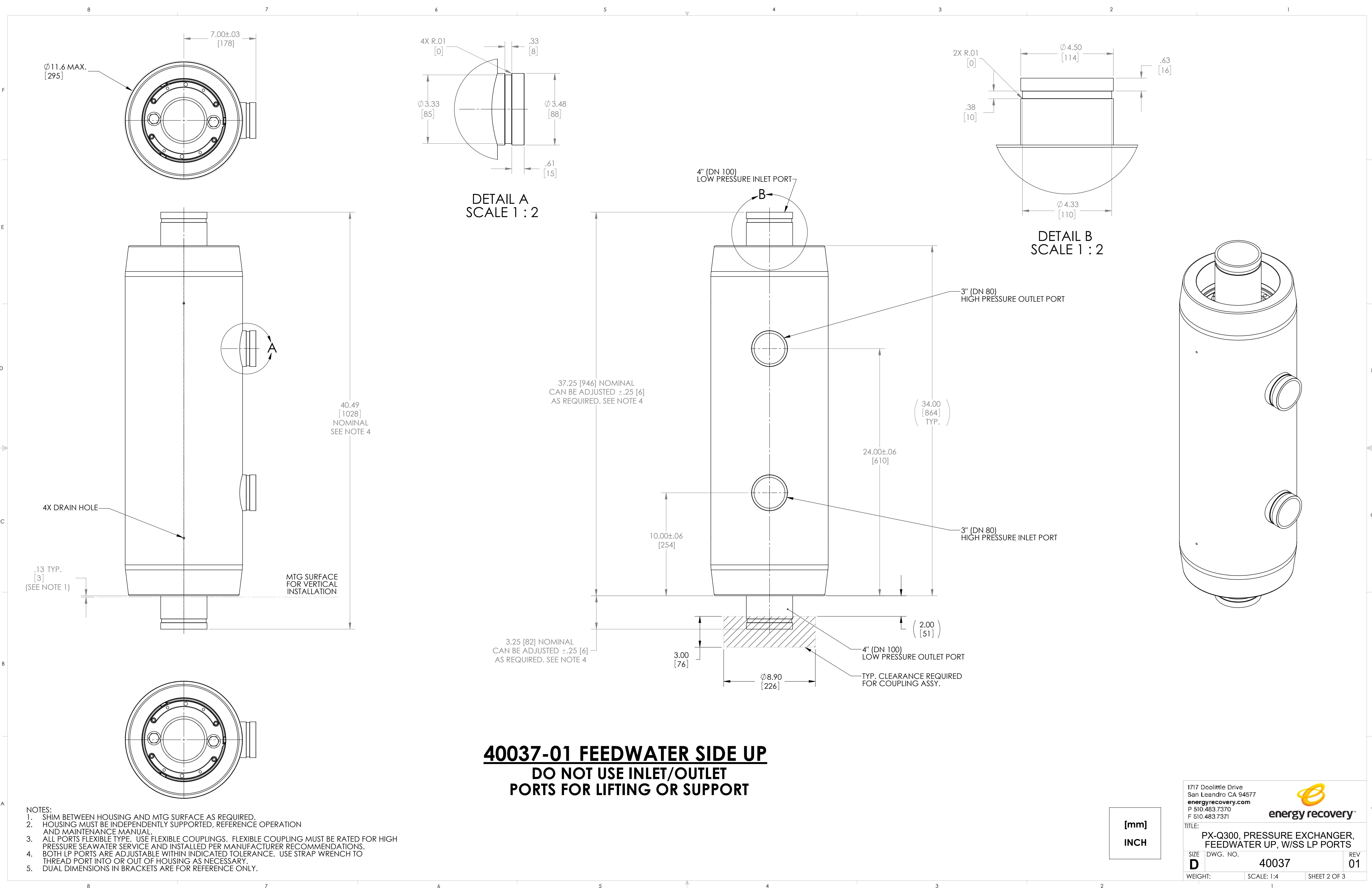
01	0660	REPLACED LOCK RING WITH CORRECT PN	AKP	7/17/18
01	0660	REPLACE 10162-01 WITH 10404-01	AKP	4/11/17
0	-	INITIAL RELEASE	TDR	9/18/13
REV.	ECN NO.	DESCRIPTION	BY	DATE
REVISIONS				
UNLESS OTHERWISE SPECIFIED:		1717 Doolittle Drive San Leandro CA 94577 energyrecovery.com P 510.483.7370 F 510.483.7371		
DIMENSIONS ARE IN INCHES		Production		
TOLERANCES: FRACTIONAL: ± 1/32" ANGULAR: MACH: .5° BEND ±1° TWO PLACE DECIMAL: ±.01" THREE PLACE DECIMAL: ±.005" FOUR PLACE DECIMAL: ±.0002"		DRAWING STATUS		
		TITLE: ASSY, PX-Q300, W/SUPER DUPLEX LP PORTS		
		SIZE DWG. NO. D 40037		
		WEIGHT: SCALE: 1:5 SHEET 1 OF 3		
		REV 01		

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	6	43069-01	RING, LOCK, SEGMENT, 8"	CF8M
2	8	10404-01	QUAD RING, EPDM, 231, NSF	EPDM
3	2	10065-02	QUAD RING, EPDM, 442, NSF	EPDM
4	8	10077-01	SCREW, SOCKET-HEAD, 5/16"-18, X .75", 316	316 SS
5	4	10078-24	SCREW, SOCKET-HEAD, 5/16"-18, X 1.50", 316	316 SS
6	2	10165-01	O-RING, EPDM, 367	EPDM
7	4	10234-01	SCREW, HEX-HEAD, 5/8"-11, X .5", NYLON	NYLON
8	4	10235-01	WASHER, FLAT, SEALING, 5/8" ID, EPDM	EPDM
9	2	10307-01	O-RING, EPDM, 348	EPDM
10	4	43056-01	RING, SECURING, 65 SERIES, GRP	FIBERGLASS
11	2	43070-01	PLATE, BEARING, PORT, THREADED, 4" SERIES	ALUMINUM
12	4	43094-01	INTERCONNECT, 2 1/2", TITANIUM	TITANIUM
13	2	43137-01	PORT, LP, STRAIGHT, 4" CONN, SUPER DUPLEX	SUPERDUPLEX
14	1	43110-01	HOUSING, 8", 3" SIDE PORT	SHELL: FIBERGLASS PORTS: SUPER DUPLEX
15	2	43116-01	PLATE, SEAL, 4 SERIES, THREADED	PVC
16	1	43125-01	ASSY, CARTRIDGE, PX-Q300	-
17	2	43129-01	RING, THRUST, SIDE PORT	PVC



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40037-01 FEEDWATER SIDE UP
DO NOT USE INLET/OUTLET
PORTS FOR LIFTING OR SUPPORT

- NOTES:
1. SHIM BETWEEN HOUSING AND MTG SURFACE AS REQUIRED.
 2. HOUSING MUST BE INDEPENDENTLY SUPPORTED, REFERENCE OPERATION AND MAINTENANCE MANUAL.
 3. ALL PORTS FLEXIBLE TYPE. USE FLEXIBLE COUPLINGS. FLEXIBLE COUPLING MUST BE RATED FOR HIGH PRESSURE SEAWATER SERVICE AND INSTALLED PER MANUFACTURER RECOMMENDATIONS.
 4. BOTH LP PORTS ARE ADJUSTABLE WITHIN INDICATED TOLERANCE. USE STRAP WRENCH TO THREAD PORT INTO OR OUT OF HOUSING AS NECESSARY.
 5. DUAL DIMENSIONS IN BRACKETS ARE FOR REFERENCE ONLY.

[mm]
INCH

1717 Doolittle Drive San Leandro CA 94577 energyrecovery.com P 510.483.7370 F 510.483.7371		 energy recovery [™]	
TITLE: PX-Q300, PRESSURE EXCHANGER, FEEDWATER UP, W/SS LP PORTS			
SIZE D	DWG. NO. 40037	REV 01	
WEIGHT:	SCALE: 1:4	SHEET 2 OF 3	