



NOTE: STANDARD PARTS ARE SHOWN FOR REFERENCE ONLY  
CHECK ORIGINAL ORDER FOR ORDERING SPARE PARTS

**NOTES:**

DIMENSIONS IN INCHES (MM APPROX.)

FOR REFERENCE ONLY, NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED

SHIMMING OF THE SADDLES MAY BE REQUIRED

CENTER VESSEL ON 2 OR 3 SUPPORTS AT SPAN(S) "S".

INCORRECT MANIFOLDING WILL CAUSE SEVERE LOCAL STRESS AROUND PORT AND MAY RESULT IN LEAKS AND PREMATURE FAILURE. TAKE EVERY PRECAUTION LISTED IN THE ENGINEERING PACKET OR USERS MANUAL

INTERNAL PERMEATE PRESSURE MUST NOT EXCEED 125 PSI.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



**TEC 8-300-MSP**

**GENERAL DIMENSIONS**

Shell Length Code	L inch (mm)	P3		*P1		S Span in (mm)	Empty Weight lb (kg)
		Standard inch (mm)	Optional inch (mm)	Standard inch (mm)	Optional inch (mm)		
-1	58.4 [1483.36]	46 [1168.40]	47 [1193.80]	1 @ 28 [711.20]	73 [33]		
-2	98.4 [2499.36]	86 [2184.40]	87 [2209.80]	1 @ 56 [1422.40]	85 [38]		
-3	138.4 [3515.36]	126 [3200.40]	127 [3225.80]	1 @ 80 [2032.00]	97 [44]		
-4	178.4 [4531.36]	166 [4216.40]	167 [4241.80]	2 @ 64 [1625.60]	109 [49]		
-5	218.4 [5547.36]	206 [5232.40]	207 [5257.80]	2 @ 78 [1981.20]	121 [54]		
-6	258.4 [6563.36]	246 [6248.40]	247 [6273.80]	2 @ 92 [2336.80]	133 [60]		
-7	298.4 [7579.36]	286 [7264.40]	287 [7289.80]	2 @ 106 [2692.40]	145 [65]		
-8	338.4 [8595.36]	326 [8280.40]	327 [8305.80]	2 @ 120 [3048.00]	157 [71]		

\*P1 Not Available With 4" Mega Side Port

**BILL OF MATERIALS**

ITEM	QTY	P/N	DESCRIPTION	MATERIAL
1	1	4080196	Shell	Filament Wound, Epoxy FRP
2	2	4081057	Head, 1.25" NPT MALE	Noryl GFN2
3	2	4081057CP	Cover Plate	ABS Thermoplastic
4	2	4080254-1	Feed/Concentrate Port, 3", "K"	Stainless Steel, 316, SA-312
		4080487-1	Feed/Concentrate Port, 4", "L"	
5	4	6201343	Retaining Ring, F/C Port, 3", "K"	Stainless Steel, 316, SA-479
		6201450	Retaining Ring, F/C Port, 4", "L"	
6	2	6188504-N	O-Ring Seal, F/C Port, 3", "K"	Ethylene Propylene
		6180348-N	O-Ring Seal, F/C Port, 4", "L"	
7	2	A/R	Adapter	Thermoplastic
8	2	6100442MK	Head Seal	Ethylene Propylene
9	2	6180326-N	Adapter Seal	Ethylene Propylene
10	2	4080320	Retaining Ring w/ Finger Pull	Stainless Steel, 316, SA-479
11	A/R	A/R	PWT Seal	Ethylene Propylene
12	2*	4080173	Support Saddle	Thermoplastic Rubber
13	2*	4080137	Strap Assembly	Stainless Steel, 316L
14	4	6150001	Strap Screw	Stainless Steel, 18-8
15	1	4081079	Thrust Cone	Noryl GFN2
16	3	4080062-4	Shim, Adapter	Noryl GFN2

\*3 each with shell lengths -4 and longer.

ENGR	MK	21/10/05
QLTY	TS	21/10/05
MRKT	AP	21/10/05

ECO	REVISED	DRAWING	REV
N/A	N/A	101062	A