



**VIEW AT CENTER SUPPORT**

CENTER VESSEL ON 2 OR 3 SUPPORTS  
AT SPAN(S) "S"; 3 SUPPORTS REQUIRED  
FOR VESSELS OF 4 ELEMENTS OR MORE

**CAUTION - INCORRECT MANIFOLDING  
WILL CAUSE SEVERE LOCAL STRESS  
AROUND PORT AND MAY RESULT IN  
LEAKS AND PREMATURE FAILURE;  
TAKE EVERY PRECAUTION POSSIBLE**

**NOTES**

- SHELL EXTERIOR COATED WITH WHITE, HIGH-GLOSS POLYURETHANE PAINT
- DIMENSION IN INCHES
- NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED

DESIGN PRESSURE . . . . 600 PSI at 120°F  
(4.3 MPa at 49°C)

MIN. OPERATING TEMP . . . . . 20°F  
(-7°C)

FACTORY TEST PRESSURE . . . . 900 PSI  
(6.4 MPa)

PART NUMBER	NUMBER OF 40" ELEMENTS	O.A.L. IN	P Port to Port IN	S Span IN
106	1	59	45.0	30X1
107	2	99	85.0	58X1
108	3	139	125.0	82X1
109	4	179	165.0	66X2
110	5	219	205.0	80X2
111	6	259	245.0	94X2
112	7	299	285.0	108X2

<b>A &amp; M COMPOSITES CORPORATION</b> Quality FILAMENT WOUND COMPOSITE Products		<b>RO PRESSURE VESSEL</b>		
		TOLERANCES (EXCEPT AS NOTED) DECIMAL 1	SCALE N/A	DRAWN BY WC
		FRACTIONAL 1	TITLE <b>8" - 600 psi. Side Port</b>	
Phone (915)267-6525		ANGULAR 1	DATE 02-12-01	DRAWING NUMBER <b>8-600PSI-SP</b>