



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**

END VIEW

PART NUMBER	NUMBER OF 40" ELEMENTS	O.A.L. IN	P Port to Port IN	S Span IN
036	1	57.5	45.0	30X1
037	2	97.5	85.0	58X1
038	3	137.5	125.0	82X1
039	4	177.5	165.0	66X2
040	5	217.5	205.0	80X2
041	6	257.5	245.0	94X2
042	7	297.5	285.0	108X2

NOTES

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

DESIGN PRESSURE 300 PSI at 120°F
(2.1 MPa at 49°C)

MIN. OPERATING TEMP 20°F
(-7°C)

FACTORY TEST PRESSURE 450 PSI
(3.1 MPa)

A & M COMPOSITES CORPORATION Quality FILAMENT WOUND COMPOSITE Products		RO PRESSURE VESSEL		
		TOLERANCES (EXCEPT AS NOTED) DECIMAL 1	SCALE N/A	DRAWN BY WC APPROVED BY MN
		FRACTIONAL 1	TITLE 8" - 300 psi. Side Port	
Phone (915)267-6525		ANGULAR 1	DATE 02-12-01	DRAWING NUMBER 8-300PSI-SP