

DRY TEST CONDITIONS

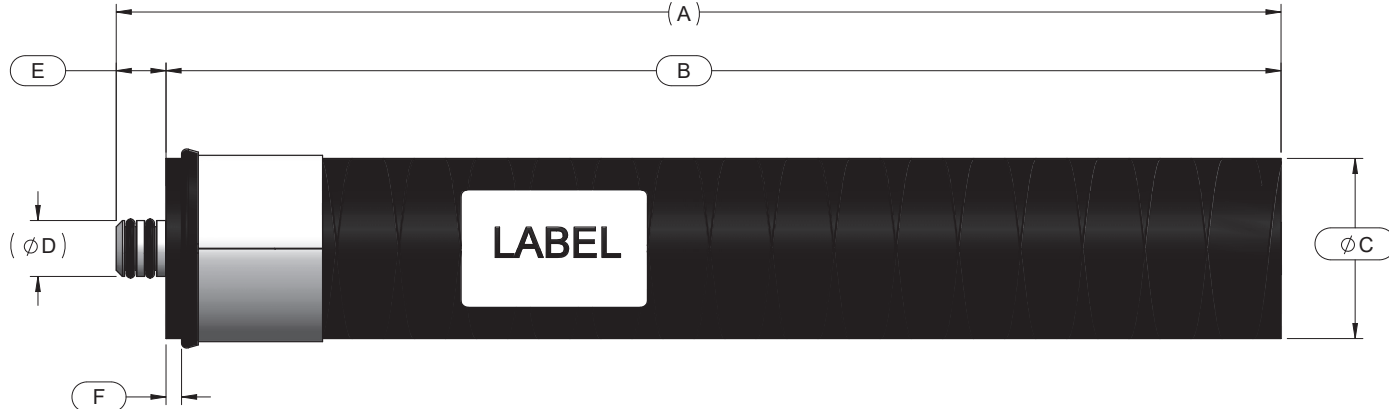
ALL MEMBRANES ARE SUBJECT TO A VACUUM DECAY TEST AT A NEGATIVE PRESSURE OF 20 INHG VACCUM DECAY IS MEASURED OVER A PERIOD OF 10 SECONDS; IF, AT THAT TIME, THE DECAY IS LESS THAN 4 INHG THE MEMBRANE IS CERTIFIED AS ACCEPTABLE.

NOTES: UNLESS OTHER WISE SPECIFIED:

- Ø DIMENSIONS REQUIRE INSPECTION.

REVISIONS					
REV.	ECR	DESCRIPTION	INITIAL	DATE	APPROVED
A		INITIAL RELEASE	S.C.	12/09/16	
B		CHG'D FROM CUSTOM TO STANDARD CORE TUBE	H.C.	04/24/17	
C	3741	UPDATED DWG FORMAT AND VIEWS	S.C.	04/16/18	L.H. 04/19/18
D	3848	UPDATED DIMENSIONS TO INCLUDE OVERALL	S.C.	6/20/18	V.D. 06/28/18
E	3894	CHG'D LOCATION OF PLUG	S.C.	7/23/18	V.D. 07/26/18
F	3968	CHANGED LEAF LENGTHS AND NOTES	H.C.	11/28/2018	V.D. 10/25/18
G	4687	UPDATED MEMBRANE PERFORMANCE	H.C.	7/29/2020	V.D. 7/29/2020

PERFORMANCE		
REJECTION	Min.	96.0 %
	Nom	98.0 %
PRODUCT FLOW	Min.	637.50 GPD
	Nom.	750.00 GPD
	Max.	862.50 GPD
TEST PRESSURE	70 PSI @ 77 °F	
CONCENTRATE FLOW	5 : 1 RATIO	
CHLORINE TOLERANCE	0 PPM	
pH RANGE	3 - 11	
SILT DENSITY INDEX	< 5	
TURBIDITY	< 1 NTU	
TEMPERATURE	33 ° F - 110 ° F	



SPECIFICATION	
PART NUMBER	210327
MODEL NUMBER	PRF - 3018-750
OVERALL SIZE	2.9 X 18
MEMBRANE TYPE	XLE
ESTIMATED MEMBRANE ACTIVE AREA	32.8 ft ²

START UP INSTRUCTIONS	
1	DISCARD THE PERMEATE FOR THE FIRST 24 HOURS OF OPERATION.
2	DO NOT LUBRICATE MODULE SEAL OR O-RINGS WITH PETROLEUM BASED COMPOUND.

DIMENSIONS		UNLESS OTHERWISE SPECIFIED:	PROPRIETARY AND CONFIDENTIAL		
A INCHES	18.75 ±.039	DIMENSIONS ARE IN INCHES	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AXEON WATER TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AXEON WATER TECHNOLOGIES IS PROHIBITED.		
B INCHES	17.95 ±.039	TOLERANCES:			
C INCHES	Ø 2.90 ±.000/.040	FRACTIONAL: + N/A			
D INCHES	Ø .90 ±.039	ANGULAR: MACH ± N/A			
E INCHES	.80 ±.039	TWO PLACE DECIMAL: ± N/A			
F INCHES	.25 ±.063/.000	THREE PLACE DECIMAL: ± N/A			
G INCHES	21.00 ±.030	BEND: ± N/A			
H INCHES	1.525 ±.015/.000				
		INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M			
			APPROVED BY	NAME	DATE
			DRAWN	S.C.	03/01/18
			CHECKED	L.H.	03/01/17
			ENG APPR.	L.H.	03/01/18
			MFG APPR.	T.C.	03/01/08
			DO NOT SCALE DRAWING	Q.A.	L.H. 03/01/18

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TITLE: MEMBRANE, PRF-3018-750, DRY, AXEON

SIZE DWG. NO. **B** 210327-GA REV **G**

SCALE: 1:4 THIRD ANGLE PROJECTION SHEET 1 OF 3