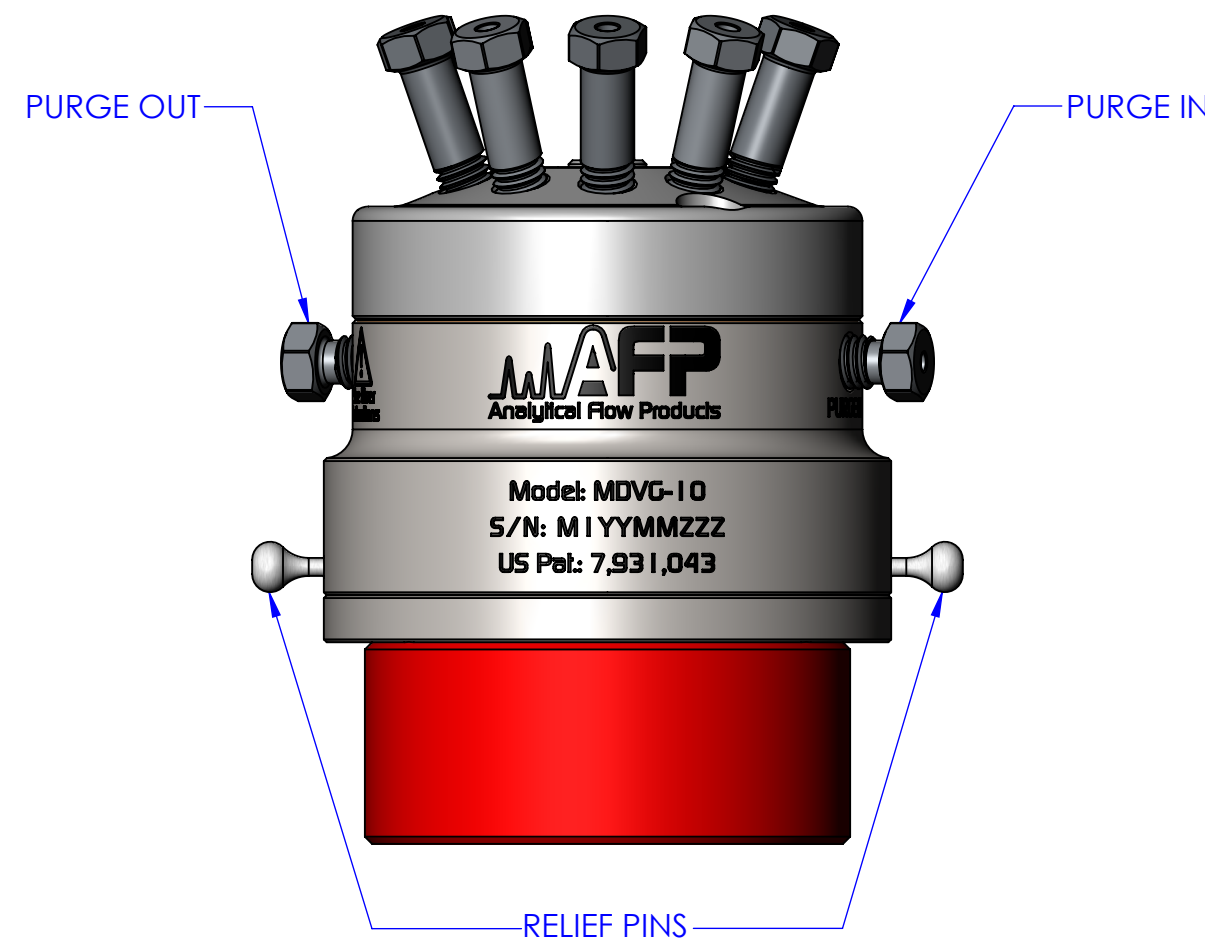
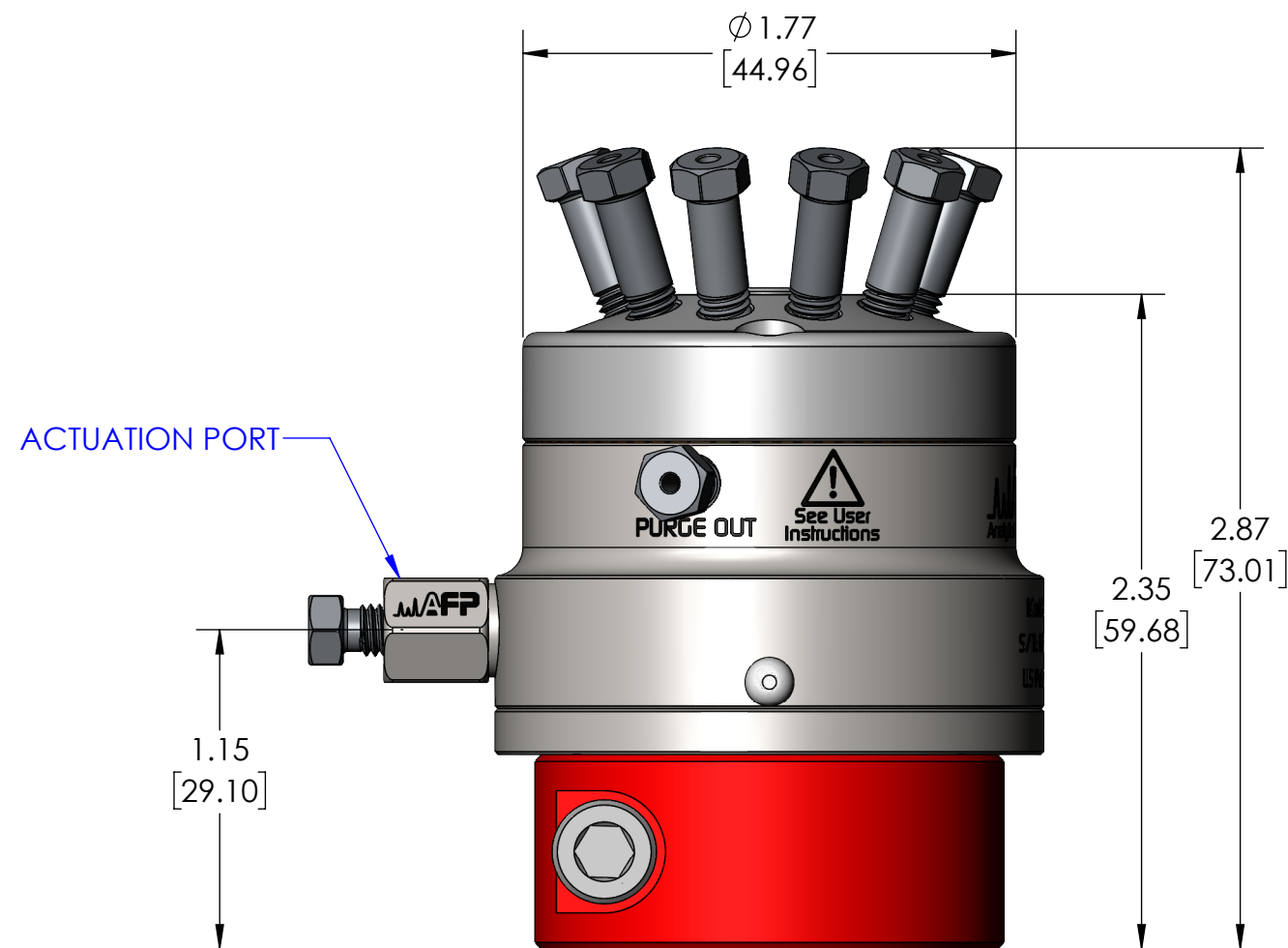
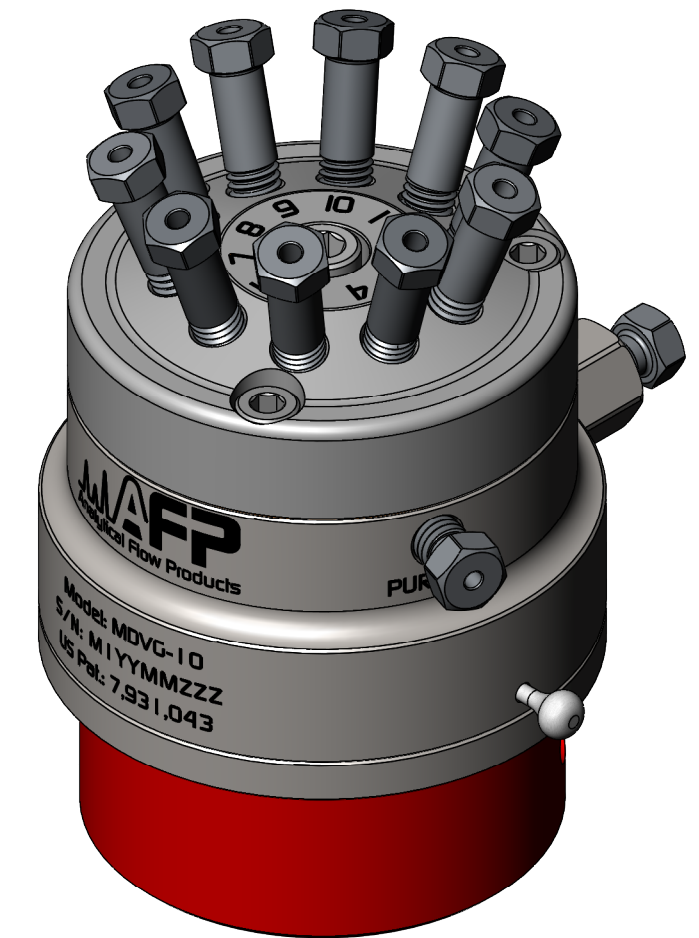
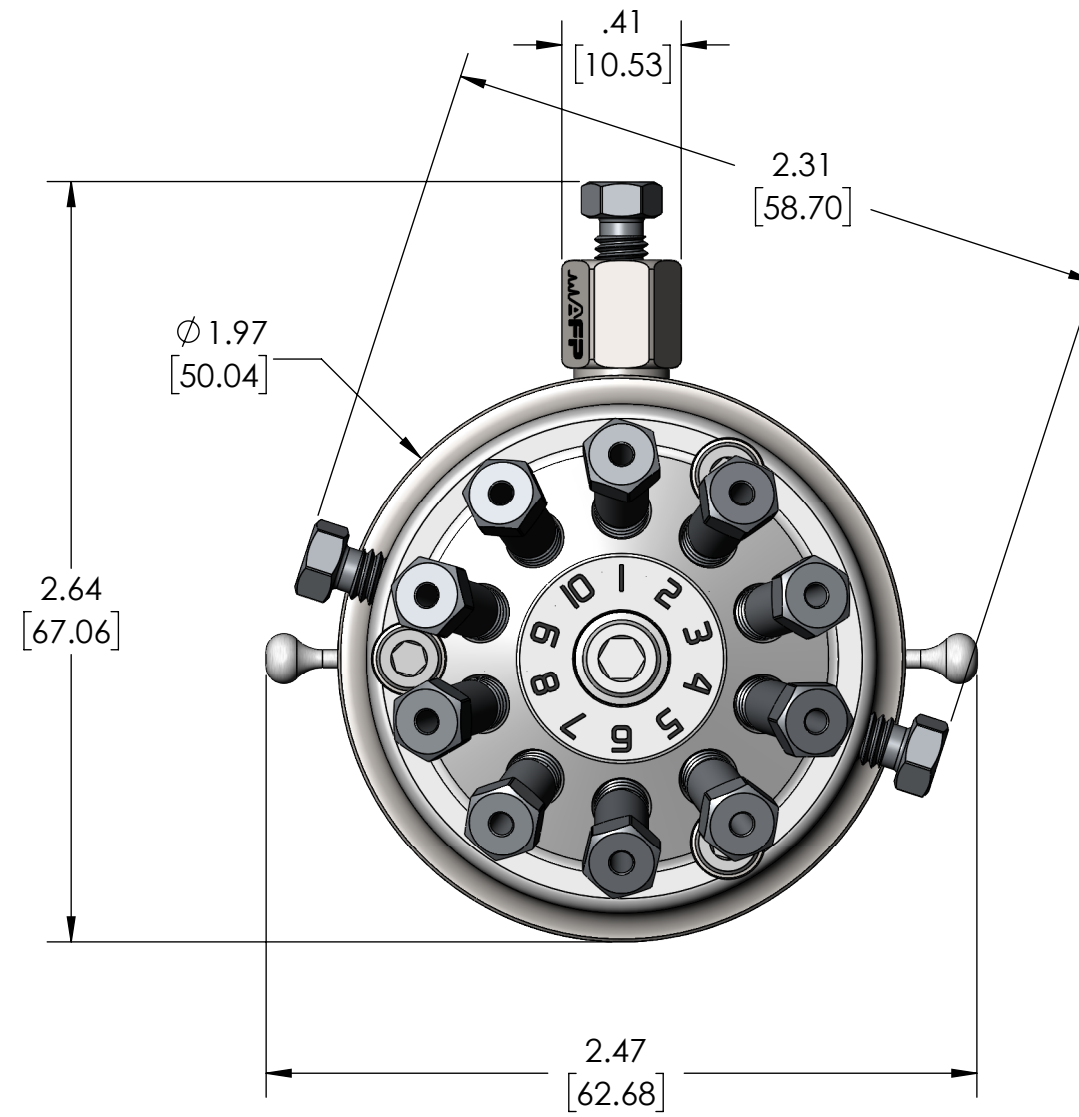


DATE	SYM	REVISION RECORD	ECO	DWN	ENG	MFG
2018-01-14	00	NEW RELEASE	0088	AC	AC	SL



SPECIFICATIONS:

VALVE P/N	MDVG2-10-16MT-0008
VALVE TYPE	PREMIUM GRADE, MEDIUM TEMPERATURE
NUMBER OF PORTS	10
PORT SIZE	0.030" [0.762mm]
PORT CONNECTION	1/16" [1.6mm]
MAX. WORKING PRESSURE	500PSI [3447kPa]
MAX INITIAL LEAK RATE	5.5E-11 Atm-cc/s He
MAX INITIAL PRESSURE DROP	30 kPa @ 75 sccm N ₂ , 15 kPa max. between any sections
ACTUATOR TYPE	PNEUMATIC SINGLE ACTUATION (SPRING RETURN)
ACTUATION PRESSURE	65PSI [450kPa]
GAS CONSUMPTION PER ACTUATION	0.07in ³ [1.15ml]
MAX. WORKING TEMPERATURE	356°F [180°C]
MATERIAL	STAINLESS STEEL BODY SS-316L VALVE HEAD AFPD-2 DIAPHRAGM TYPE

UNLESS OTHERWISE SPECIFIED:
 ALL DIMENSIONS ARE IN INCHES
 SURFACE FINISH IS IN Ra MICROINCHES (µIN)
 UNSPECIFIED SURFACES MUST BE
 64 Ra µIN OR BETTER
 REMOVE ALL BURRS & SHARP EDGES .003-.010
 CRITICAL FEATURES INDICATED BY ●
 TOLERANCES ARE:
 .XX ±.010 FRACTIONAL ±1/64"
 .XXX ±.003 ANGULAR ±5°
 .XXXX ±.001
 UNSPECIFIED CONCENTRICITY .005 TYP
 UNSPECIFIED INSIDE CORNER RADIUS 0.010 MAX
 REFER TO 3D MODEL FOR DIMENSIONS NOT SHOWN.
 TOLERANCE .XX APPLIES
 DO NOT SCALE DRAWING.

MATERIAL:

 FINISH:
 X
 ACCORDANCE WITH
 LATEST ASME Y14.5

AFP
 Analytical Flow Products
 2659, boul. du Parc Technologique,
 Québec,
 Québec, CANADA
 G1P 4S5
 Tel: 418-338-0004
 Fax: 418-338-2500
 Email: info@afproducts.ca
 Web: www.afproducts.ca

DESCRIPTION: MINI DIAPHRAGM VALVE GROOVED 10 PORTS SS (MEDIUM TEMPERATURE)

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DRAWN	DATE	ENG	DATE	MFG	DATE	APPROVED	DATE
DB	08-18-2017						
UNIT	SIZE	DWG. NO.		REV.			
IN	C	MDVG-10-16MT-0008		00			
SCALE	1.5:1	SHEET	1	OF	2		