



Department of Environmental Protection

2600 Blair Stone Road ♦ Tallahassee, Florida 32399-2400

DEP Form: 62-762.901(9)

Form Title: Storage Tank Equipment

Registration Form

Effective Date: July 2019

Incorporated in Rule 62-762.851, F.A.C.

Storage Tank System Equipment Registration Form

Fill out completely

General Information

Company Name:

Contact Name:

Company Address:

City, State:

Zip:

E-mail:

Contact Number:

Product Name:

Product Type:

Model Number(s):

Rule(s) citation that registration is being requested within Chapter 62-761 (UST), and/or 62-762 (AST), F.A.C.:

Write a brief description of equipment registration request including product limitations:

Information Checklist (Choose Yes, No, or N/A - Not Applicable):

Yes No N/A

1. Third-party Certification by a Nationally Recognized Testing Laboratory? (Required)
2. Documentation of third-party evaluation that the equipment meets DEP Rules?
3. Documents included about the qualifications of the Nationally Recognized Testing Laboratory?
4. Technical information and drawings included?
5. Installation instructions included?
6. Annual Operability Testing Requirements (Rules 62-761.500, 62-762.501, & 62-762.502 F.A.C.)?
7. Integrity Testing Requirements (Rules 62-761.700, 62-762.701, & 62-762.702, F.A.C.)?
8. Compatible with fuel blends containing >10% ethanol or >20% biodiesel?
9. Has the product been approved or registered in other countries or states? (If so provide list)
10. Any requirements for company-certified installers or trainers?
11. Was this product(s) previously approved or registered by the Department? If yes, EQ-
12. Any changes or modifications to the equipment since the last submittal to DEP?

Document Information: Provide supporting documents indicated as "Yes" above including this form via email to Tanknotify@floridadep.gov, or documents can be sent to FDEP, Division of Waste Management, 2600 Blair Stone Road, MS 4560, Tallahassee, FL 32399.

Write a brief description of equipment installation and performance in the U.S.:

Equipment Registration Certification:

To the best of my knowledge and belief, all information submitted on this form is true, accurate and complete.

Printed Name and Title

Signature (right click to sign)

Date

For Department Use Only:

Date Application Received:

Application complete:

Yes:

No: Re

EQ-

Date of complete or incomplete letter sent:

Date Equipment Requires Renewal:

Storage tank system equipment requires renewal every 5 years in accordance with subsection 62-762.851(2), F.A.C.

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L46387-12501-92804102-1
Report Reference MH46387-20140829
Date 21-Nov-2022

Issued to: GLOBAL TANK COMPONENTS L L C
1408 Viking Ln De Pere, WI 54115
United States

**This is to certify that
representative samples of**

EGVV - Tank Accessories for Flammable and Combustible
Liquids

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 2583, 4th Ed., Issue Date: 2019-7-12

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Deborah Jennings-Conner
Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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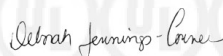


CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L46387-12501-92804102-1
Report Reference MH46387-20140829
Date 21-Nov-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
1002	Emergency vents, for aboveground flammable liquid storage tanks
1003	Emergency vents, for aboveground flammable liquid storage tanks
1004	Emergency vents, for aboveground flammable liquid storage tanks
1005	Emergency vents, for aboveground flammable liquid storage tanks
1006	Emergency vents, for aboveground flammable liquid storage tanks
1008	Emergency vents, for aboveground flammable liquid storage tanks


Deborah Jennings-Conner, VP Regulatory Services

UL LLC



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**Model 100 Emergency Vents
Installation & Maintenance**

General Information

Global Tank Components llc.
1408 Viking Lane
De Pere, WI 54115

Phone – 920-777-3001

Email – sales@globaltankcomponents.net

- Model 100 Emergency Venting devices shall only be assembled and installed by a qualified person and the use of non-qualified personnel, or any deviation from these recommended procedures, could result in damage or malfunction.
- “For Automotive Fuels”
- These products are intended for use with storage tanks or fueling systems containing automotive fuels under the expected use conditions and exposures that have similar chemical, physical and material compatibility properties as represented in these requirements. The use fuels are intended to be formulated in accordance with 40 CFR Part 80 “Regulation of Fuels and Fuel Additives” and meet the following ASTM Fuel Specifications and blend limitations:
 - ASTM D975, Standard Specification for Diesel Fuel Oils, with biodiesel blends up to a maximum of 5 percent (B5);
 - ASTM D7467, Standard Specification for Low Blend Biodiesel, with biodiesel blends between 6 to 20 percent (B6 to B20);
 - ASTM D4814, Standard Specification for Automotive Spark-Ignition Engine Fuel, gasoline or oxygenated gasoline, with limited ethanol blends up to a maximum of 10 percent (E10)
 - ASTM D5798, Standard Specification for Fuel Ethanol Blends for Automotive Spark-Ignition Engines, with high gasoline/ethanol blends in the (E51 – E83) range; and
 - Mid Range Ethanol Blends (E11 to E50) using variable mixtures of ASTM D4814, Low Blend Ethanol and ASTM D5798, High Blend Ethanol.
- Install in accordance with all local, State and Federal laws.
- Install in accordance to industry standards such as UL142, API 650 and NFPA 30 & 30A.
- Model 100 vents must be installed in conjunction with a pressure vacuum vent or normal vent.
- Model 100 vents must be properly sized and selected for each specific tank.
- CFH venting capacity at 2.5 psi
 - 1002 – 25,699 CFH
 - 1003 – 74,677 CFH
 - 1004 – 134,563 CFH
 - 1005 – 215,473 CFH
 - 1006 – 282,694 CFH
 - 1008 – 519,596 CFH

Failure to follow any of the instructions or warnings can result in an “Automotive Fuels” spill, which could result in environmental contamination, explosion, serious injury or death.

Installation Instructions

1. Inspect Emergency Vent for shipping damage. Verify cover moves freely. Replace unit if damaged and cover does not move freely.
2. Remove all packing material
3. Inspect surface between cap and body. Verify the surface is free of any debris.
4. Do not paint. Painting can prevent the proper opening and functioning of the model 100 Emergency vent.
5. Apply a fuel resistant pipe sealant to the threads.
6. Thread vent into or onto tank.
7. There should not be a pipe reduction between the tank and Model 100 Emergency Vent.

Maintenance

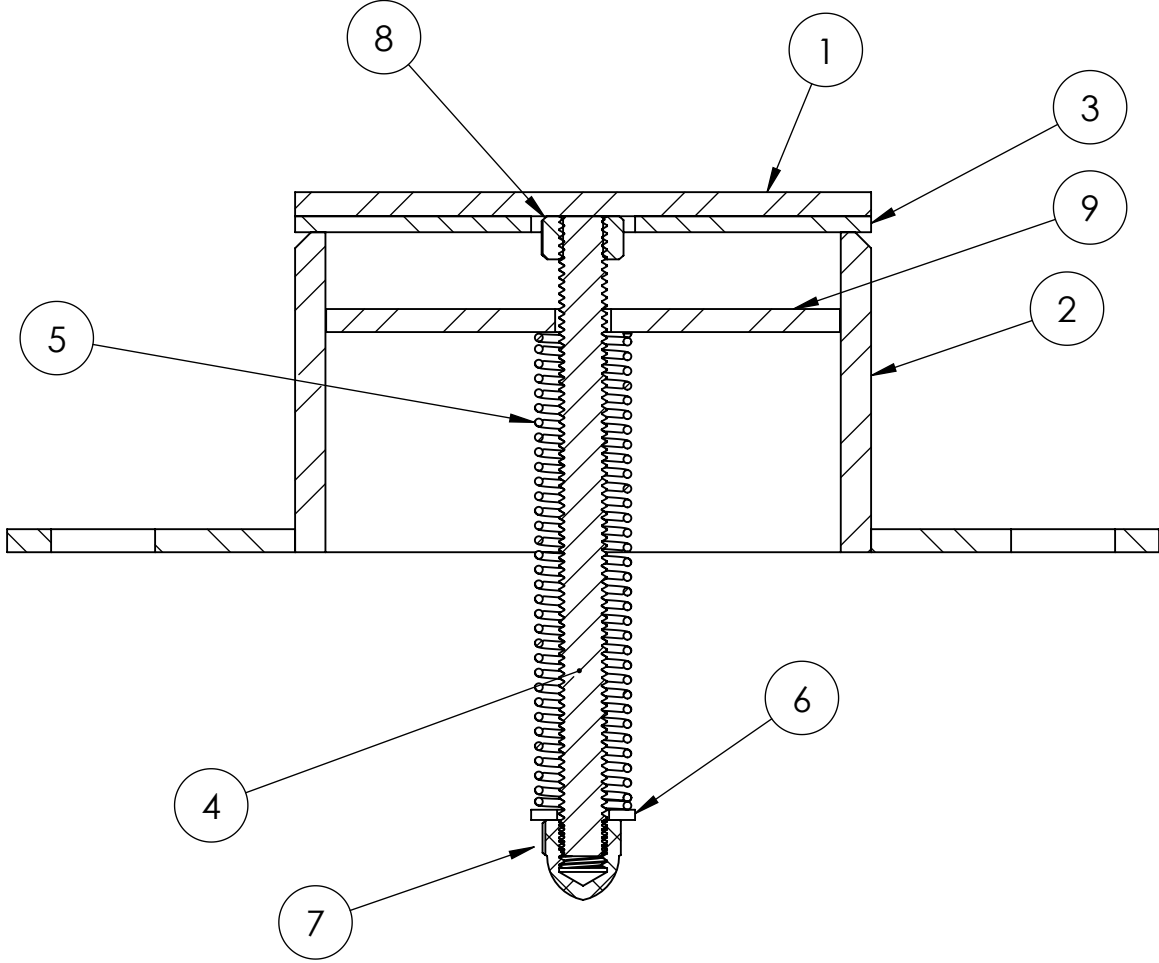
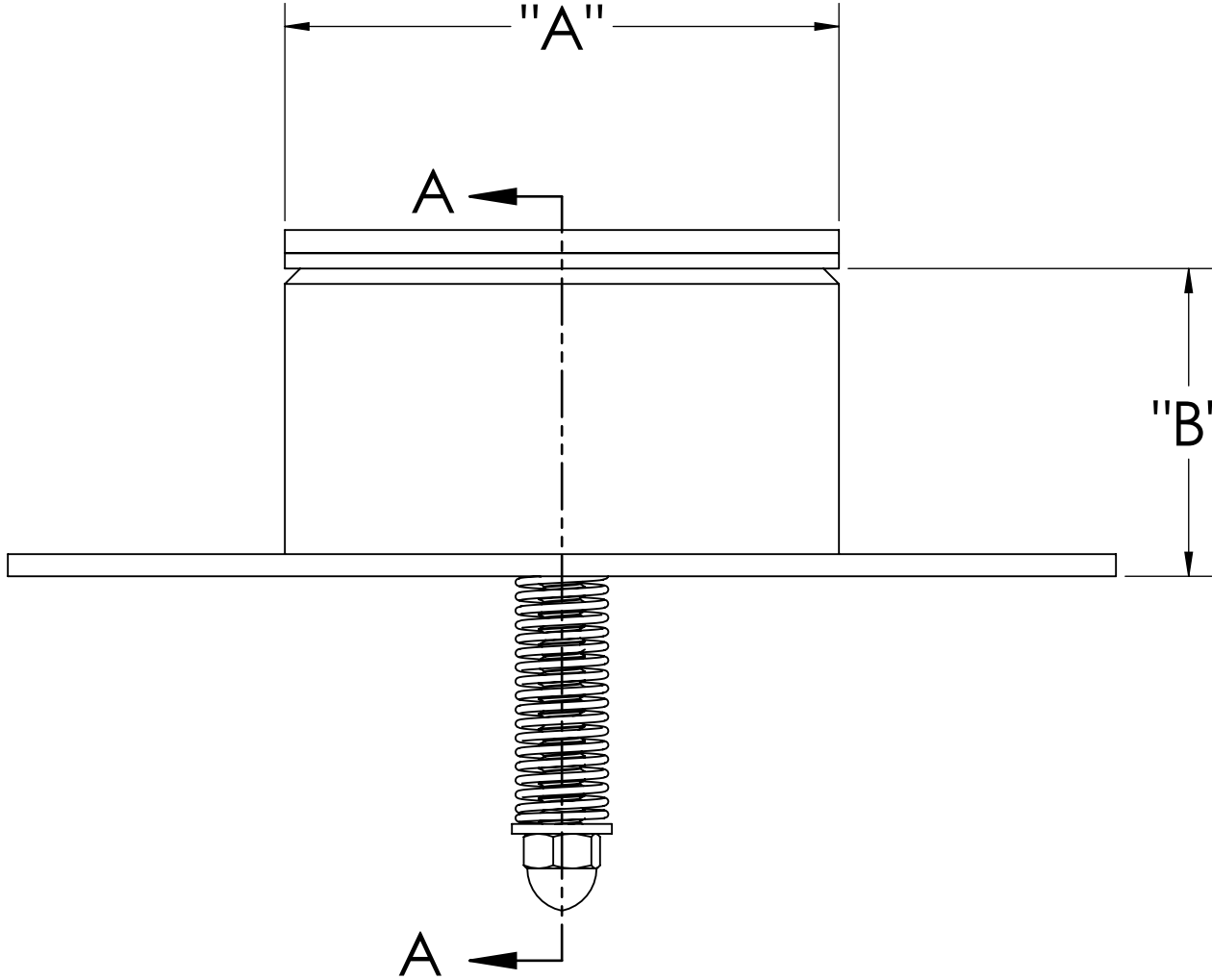
Monthly inspections of the model 100 Emergency vent are recommended to ensure the proper opening and function before filling or unloading fuel from the tank, especially during freezing conditions.

1. Lift the cover to verify it moves freely.
2. Replace the unit if the cover sticks or does not move freely
3. Inspect the surface between the cap and body. Remove any debris, ice or snow.

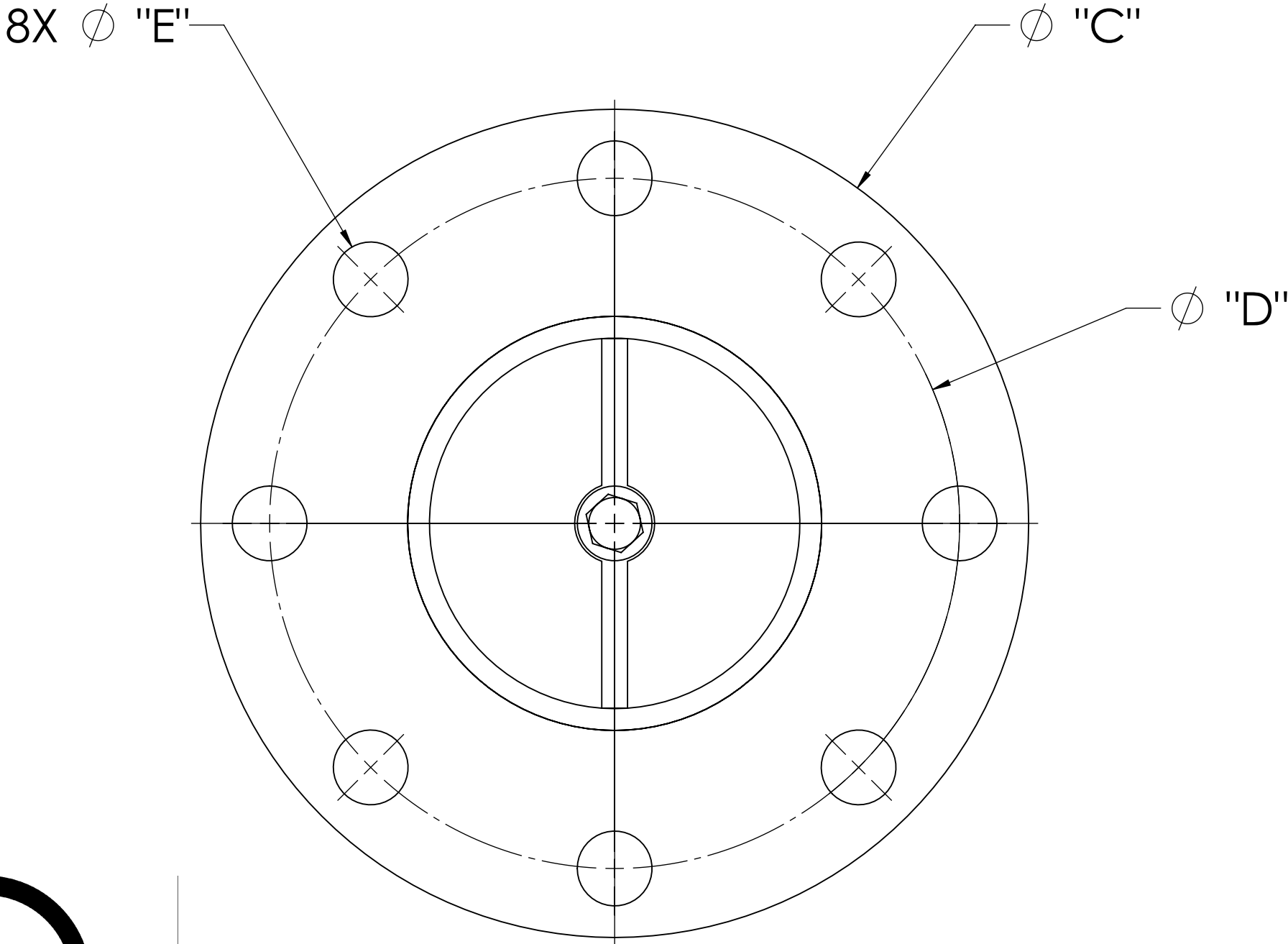
Failure to follow any of the instructions or warnings can result in an “Automotive Fuels” spill, which could result in environmental contamination, explosion, serious injury or death.

PART NUMBER	VENT SIZE	"A" DIM	"B" DIM	"C" DIM	"D" DIM	"E" DIM	MAX CAP RISE	VENTING CAPACITY @ 2.5 PSI
1004FL	4"	4.50	2.5	9.00	7.50	.81	2.4	134563 SCFH
1006FL	6"	6.63	3.0	11.00	9.50	.88	2.9	282694 SCFH
1008FL	8"	8.63	3.0	13.50	11.75	.88	3.5	519596 SCFH

ITEM NO.	DESCRIPTION	QTY.
1	COVER - STEEL/STAINLESS STEEL	1
2	FLANGED BODY - STEEL/STAINLESS STEEL	1
3	GASKET - BUNA-N RUBBER	1
4	STUD - ZINC PLATED/STAINLESS STEEL	1
5	SPRING - STEEL/ZINC PLATED	1
6	WASHER - ZINC PLATED/STAINLESS STEEL	1
7	ACORN NUT - NYLON	1
8	WELD NUT - STEEL/STAINLESS STEEL	1
9	GUIDE BAR - STEEL/STAINLESS STEEL	1



SECTION A-A



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

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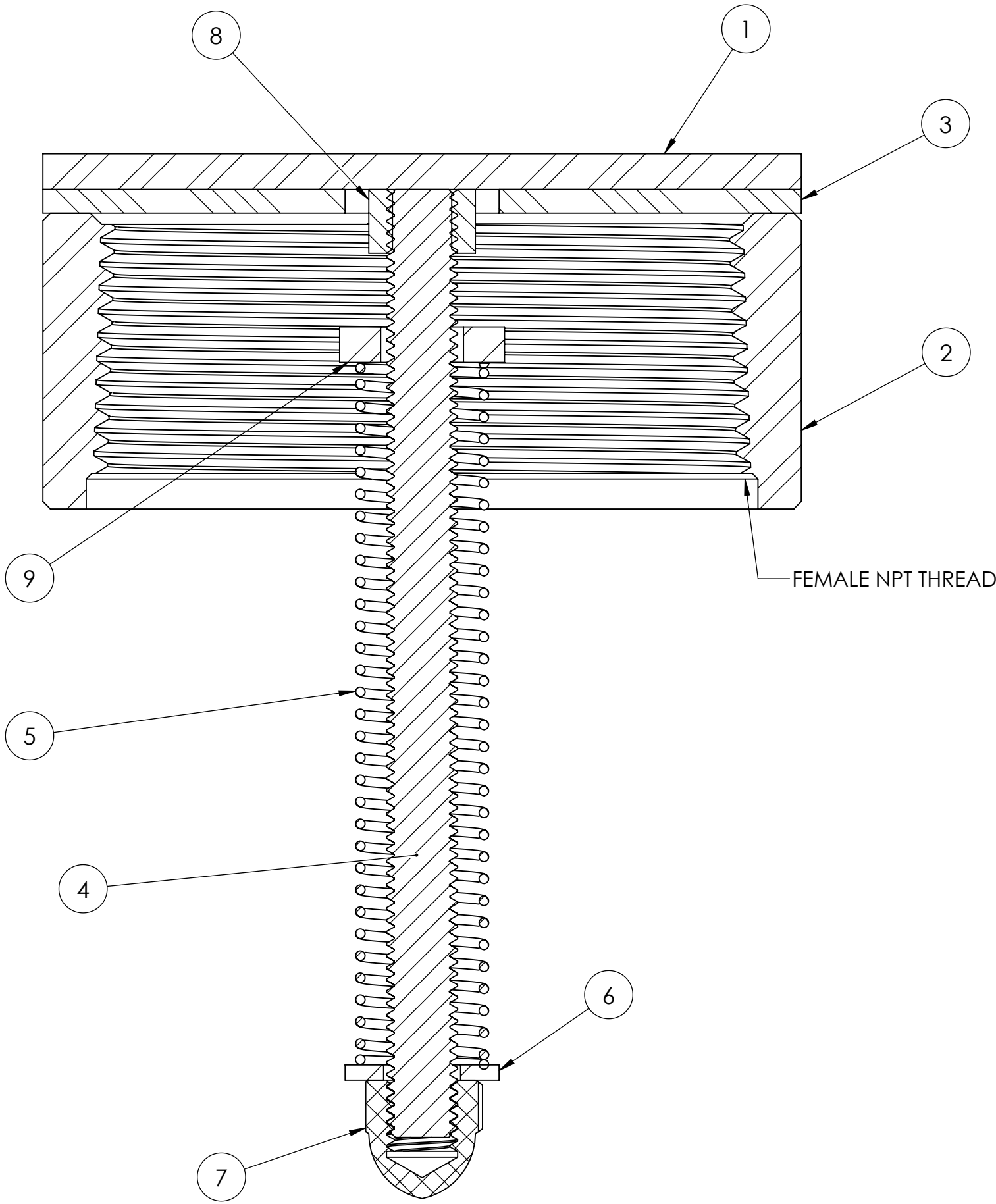
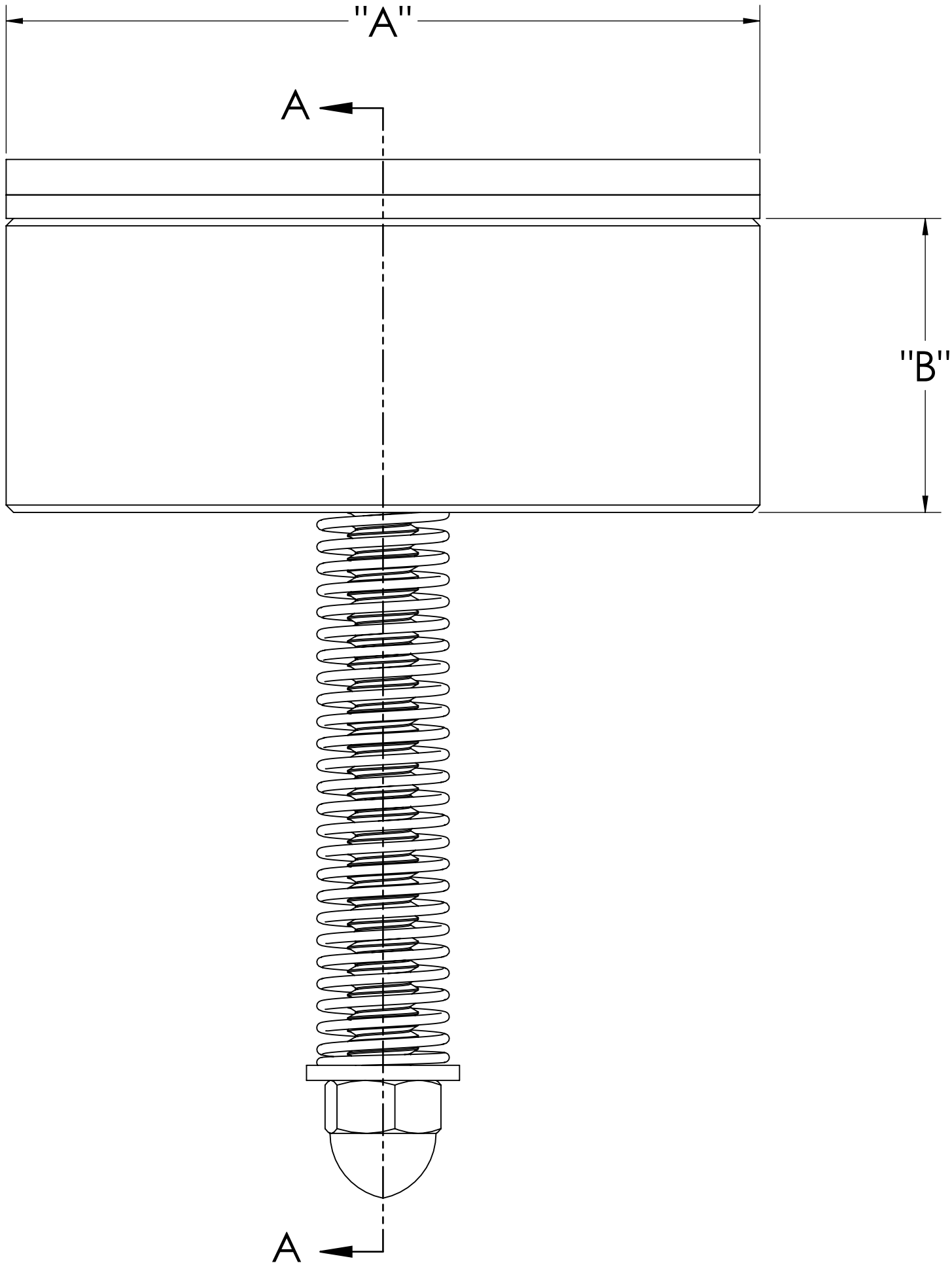
		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	JDW	06/24/24
		TOLERANCES:	CHECKED		
		FRACTIONAL ± 1/32"	ENG APPR.		
		ANGULAR: MACH ± .5° BEND ± 1°	MFG APPR.		
		TWO PLACE DECIMAL ± .015"	Q.A.		
		THREE PLACE DECIMAL ± .005"	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		SEE DETAILS			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			



1408 Viking Lane, De Pere, WI 54115 PH: 920-777-3001 FAX: 847-239-7776		
TITLE: MODEL 100 FLANGED EMERGENCY VENT OPENING PRESSURE 8 OZ		
SIZE C	DWG. NO. 100FL	REV 0
SCALE: 1:1.5WEIGHT: 5.50		SHEET 1 OF 1

PART NUMBER	VENT SIZE	"A" DIM	" B" DIM	MAX CAP RISE	VENTING CAPACITY @ 2.5 PSI
1003FT	3"	4.00	1.56	2.7	74677 SCFH
1004FT	4"	5.00	1.69	2.4	134563 SCFH
1005FT	5"	6.30	1.75	3.0	215473 SCFH
1006FT	6"	7.39	1.88	2.9	282694 SCFH
1008FT	8"	9.63	2.00	3.5	519596 SCFH

ITEM NO.	DESCRIPTION	QTY.
1	COVER - STEEL/STAINLESS STEEL	1
2	BODY - STEEL/STAINLESS STEEL	1
3	GASKET - BUNA-N RUBBER	1
4	STUD - ZINC PLATED/STAINLESS STEEL	1
5	SPRING - STEEL/ZINC PLATED	1
6	WASHER - ZINC PLATED/STAINLESS STEEL	1
7	ACORN NUT - NYLON	1
8	WELD NUT - STEEL/STAINLESS STEEL	1
9	GUIDE BAR - STEEL/STAINLESS STEEL	1



SECTION A-A



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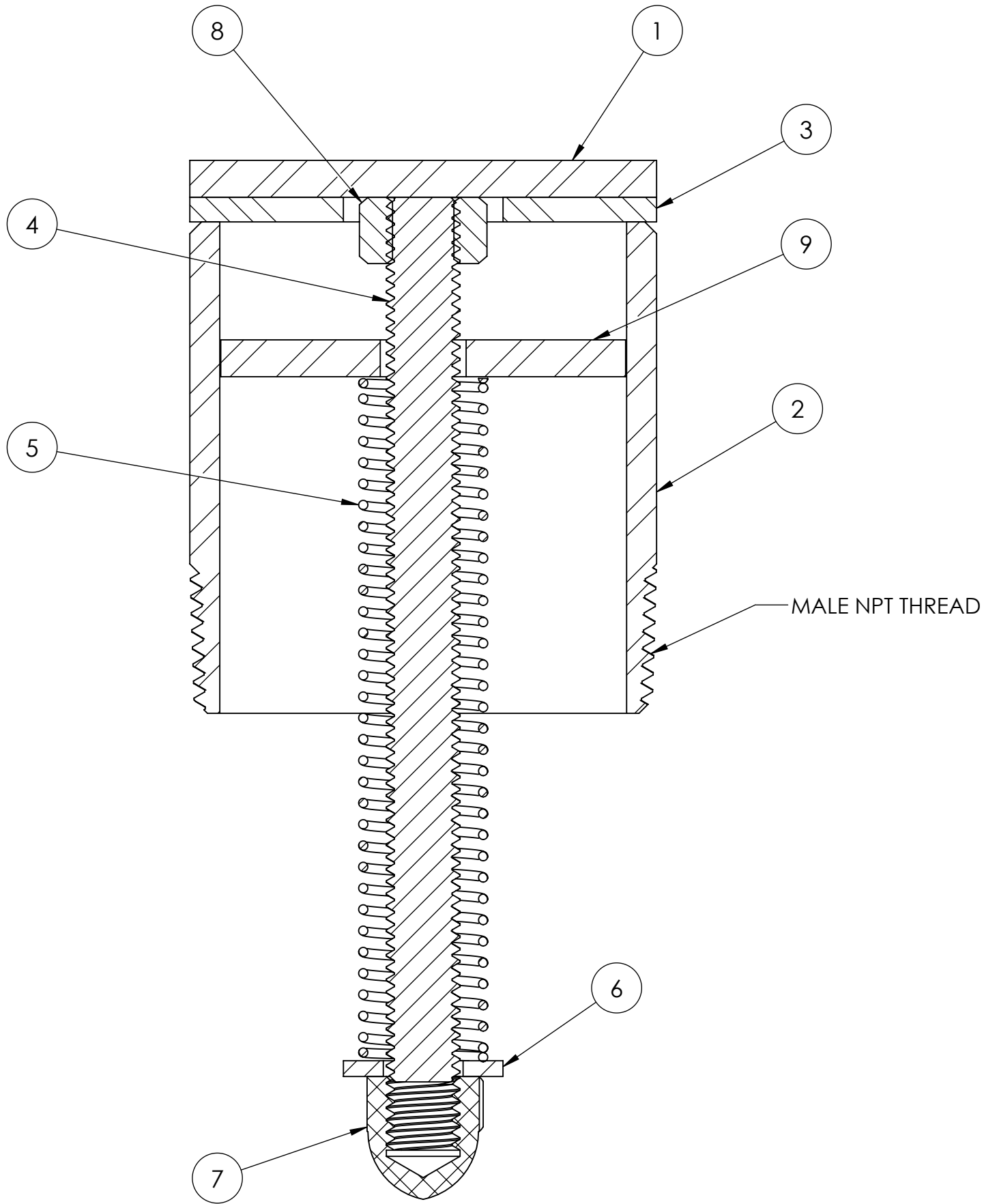
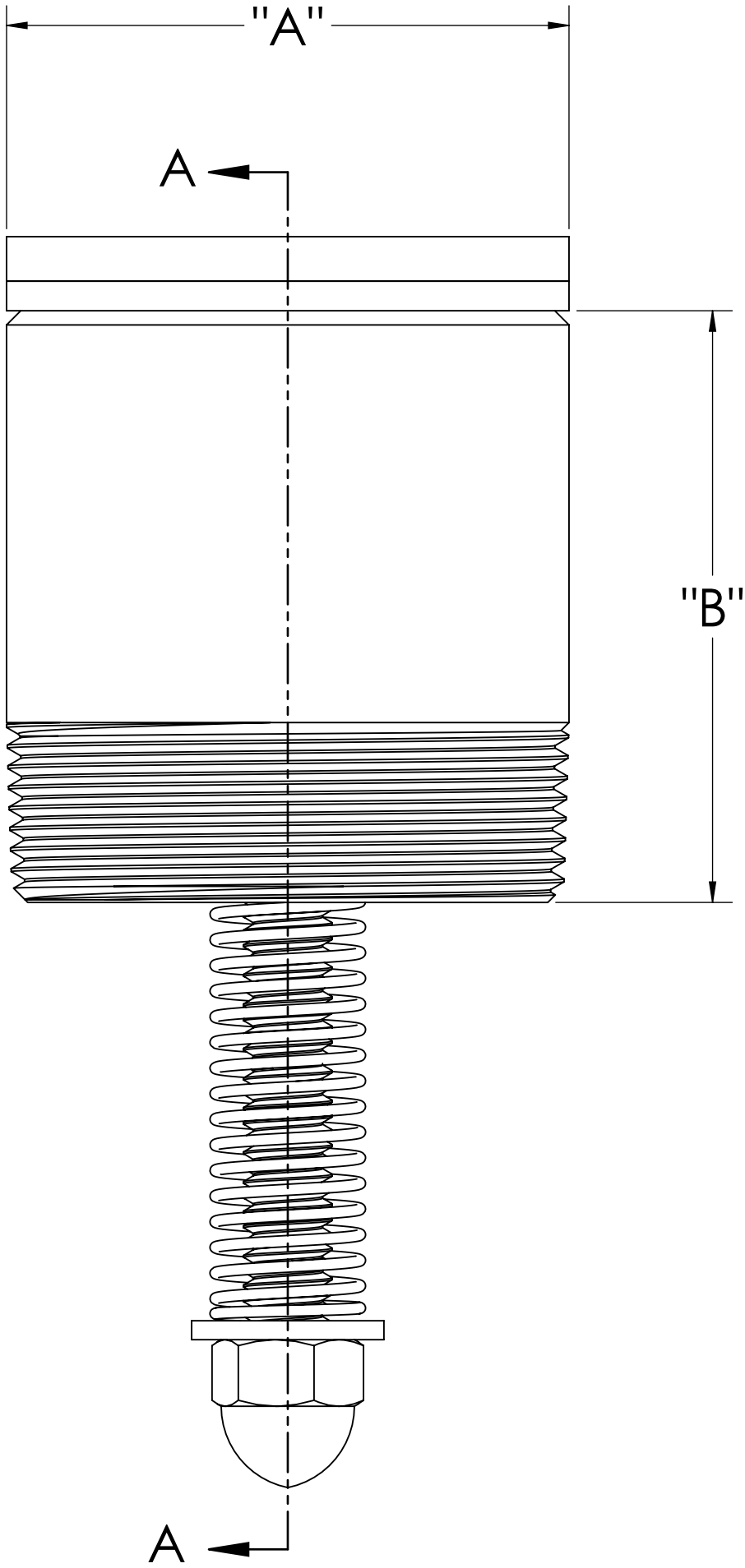
UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	JDW
TOLERANCES:		CHECKED	04/07/24
FRACTIONAL ± 1/32"		ENG APPR.	
ANGULAR: MACH ± 5° BEND ± 1°		MFG APPR.	
TWO PLACE DECIMAL ± .015"		Q.A.	
THREE PLACE DECIMAL ± .005"		COMMENTS:	
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL			
SEE DETAILS			
FINISH			
DO NOT SCALE DRAWING			



1408 Viking Lane, De Pere, WI 54115 PH: 920-777-3001 FAX: 847-239-7776		
TITLE: MODEL 100 FEMALE THREAD EMERGENCY VENT OPENING PRESSURE 8 OZ		
SIZE C	DWG. NO. 100FT	REV 0
SCALE: 1.5:1WEIGHT: 2.41		SHEET 1 OF 1

PART NUMBER	VENT SIZE	"A" DIM	" B" DIM	MAX CAP RISE	VENTING CAPACITY @ 2.5 PSI
1002MT	2"	2.38	2.5	2.1	25669 SCFH
1003MT	3"	3.50	2.5	2.7	74677 SCFH
1004MT	4"	4.50	2.5	2.4	134563 SCFH
1005MT	5"	5.56	2.5	3.0	215473 SCFH
1006MT	6"	6.63	2.5	2.9	282694 SCFH
1008MT	8"	8.63	3.0	3.5	519596 SCFH

ITEM NO.	DESCRIPTION	QTY.
1	COVER - STEEL/STAINLESS STEEL	1
2	BODY - STEEL/STAINLESS STEEL	1
3	GASKET - BUNA-N RUBBER	1
4	STUD - ZINC PLATED/STAINLESS STEEL	1
5	SPRING - STEEL/ZINC PLATED	1
6	WASHER - ZINC PLATED/STAINLESS STEEL	1
7	ACORN NUT - NYLON	1
8	WELD NUT - STEEL/STAINLESS STEEL	1
9	GUIDE BAR - STEEL/STAINLESS STEEL	1



SECTION A-A



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES		DRAWN	JDW 01/10/23
		TOLERANCES:		CHECKED	
		FRACTIONAL ± 1/32"		ENG APPR.	
		ANGULAR: MACH ± .5° BEND ± 1°		MFG APPR.	
		TWO PLACE DECIMAL ± .015"			
		THREE PLACE DECIMAL ± .005"			
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.	
		MATERIAL		COMMENTS:	
		SEE DETAILS			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			



1408 Viking Lane, De Pere, WI 54115 PH: 920-777-3001 FAX: 847-239-7776		
TITLE: MODEL 100 MALE THREAD EMERGENCY VENT OPENING PRESSURE 8 OZ		
SIZE C	DWG. NO. 100MT	REV 0
SCALE: 1.5:1WEIGHT: 1.04		SHEET 1 OF 1