

Job Name: _____

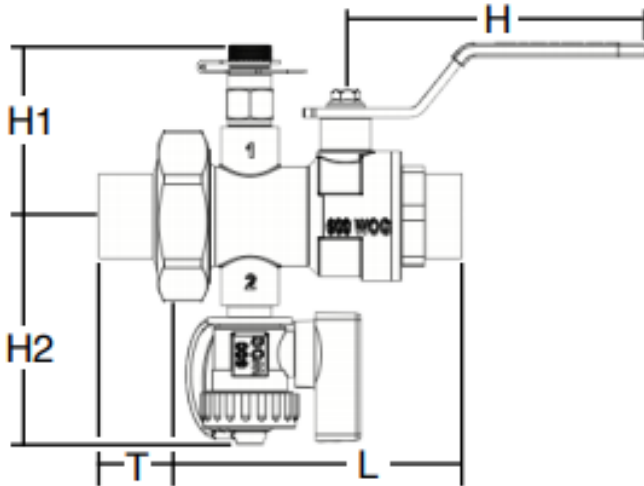
Submitted by: _____ Date: _____

Spec Section: _____

Job Location: _____

Engineer/Architect: _____

Approval: _____ Date: _____



Specification

Oventrop isolator is a component for the supply side of a fan coil unit or air handler. Each isolator consists of a ball valve, a PT port, and a drain. A union connection at the isolator is male, female, or sweat. A sweat or female connection is available on the ball valve end.

Ball valve made of brass, ball made of chrome plated brass, PTFE seats, EPDM O-ring seal.

Fill and drain valve, with ball valve. Ball made of chrome plated brass, PTFE seats, O-ring seal.

Maximum working temperature: 250°F

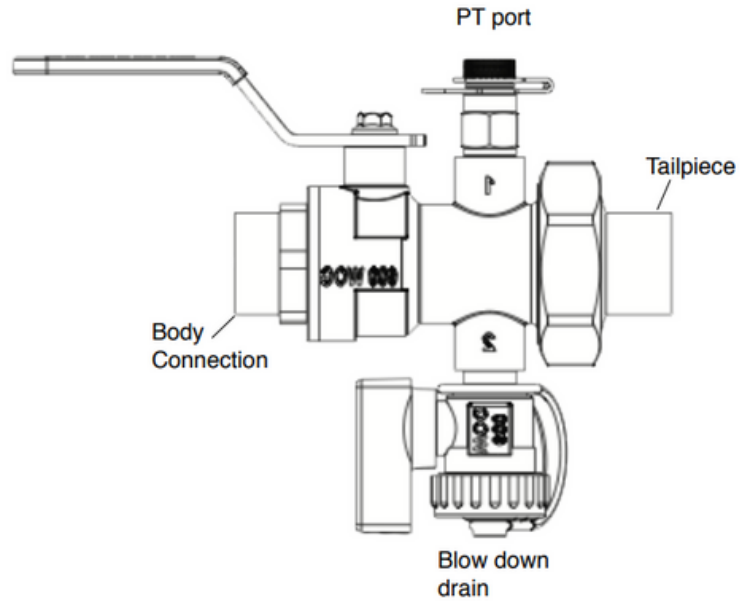
Maximum working pressure: 600 PSI / CWP

Coil Kit Dimensions in Inches

Isolator Kit Sizes and Dimensions							
Dimensions		Isolator Body Size					
		1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	FNPT	3.19	3.33	3.48	4.02	4.44	5.03
	SWT	3.29	3.45	3.61	4.19	4.74	5.82
T	1/2" Tailpiece Connection	FNPT	0.83	0.83	-	-	-
		MNPT	1.5	1.5	1.5	2.13	-
		SWT	0.83	0.87	-	-	-
	3/4" Tailpiece Connection	FNPT	-	0.83	-	-	-
		MNPT	-	1.56	1.56	1.8	1.8
		SWT	-	0.98	0.98	-	-
	1" Tailpiece Connection	FNPT	-	-	1.4	-	-
		MNPT	-	-	1.75	1.8	1.8
		SWT	-	-	1.0	-	-
	1 1/4" Tailpiece Connection	FNPT	-	-	-	1.0	-
		MNPT	-	-	-	1.8	1.8
		SWT	-	-	-	1.43	-
	1 1/2" Tailpiece Connection	FNPT	-	-	-	-	1.75
		MNPT	-	-	-	-	1.8
		SWT	-	-	-	-	1.17
	2" Tailpiece Connection	FNPT	-	-	-	-	-
		MNPT	-	-	-	-	-
		SWT	-	-	-	-	-
H		3.66			5.03	5.66	
H1		1.98	2.08		2.22	2.83	
H2		2.53	2.74		3.12		3.51



Size	Item Number
1/2"	803 1
3/4"	803 2
1"	803 3
1 1/4"	803 4
1 1/2"	803 5
2"	803 6



Example valve selection:
1 1/4" SWT valve with 3/4" MNPT tailpiece
Item number - 803 4223

for SWT body valves			
Item	Item	Connection	Item
4213	4223	4233	4241
1/2" MNPT	3/4" MNPT	1" MNPT	1 1/4" FNPT

Isolator body and tailpiece designations for FNPT body valves

1/2" Body Tailpieces		3/4" Body Tailpieces		1" Body Tailpieces		1 1/4" Body Tailpieces		1 1/2" Body Tailpieces		2" Body Tailpieces	
Item	Connection	Item	Connection	Item	Connection	Item	Connection	Item	Connection	Item	Connection
1111	1/2" FNPT	2111	1/2" FNPT	3113	1/2" MNPT	4113	1/2" MNPT	5123	3/4" MNPT	6133	1" MNPT
1112	1/2" SWT	2112	1/2" SWT	3122	3/4" SWT	4123	3/4" MNPT	5133	1" MNPT	6143	1 1/4" MNPT
1113	1/2" MNPT	2113	1/2" MNPT	3123	3/4" MNPT	4133	1" MNPT	5143	1 1/4" MNPT	6153	1 1/2" MNPT
		2121	3/4" FNPT	3131	1" FNPT	4141	1 1/4" FNPT	5151	1 1/2" FNPT	6161	2" FNPT
		2122	3/4" SWT	3132	1" SWT	4142	1 1/4" SWT	5152	1 1/2" SWT	6162	2" SWT
		2123	3/4" MNPT	3133	1" MNPT	4143	1 1/4" MNPT	5153	1 1/2" MNPT	6163	2" MNPT

Isolator body and tailpiece designations for SWT body valves

1/2" Body Tailpieces		3/4" Body Tailpieces		1" Body Tailpieces		1 1/4" Body Tailpieces		1 1/2" Body Tailpieces		2" Body Tailpieces	
Item	Connection	Item	Connection	Item	Connection	Item	Connection	Item	Connection	Item	Connection
1211	1/2" FNPT	2211	1/2" FNPT	3213	1/2" MNPT	4213	1/2" MNPT	5223	3/4" MNPT	6233	1" MNPT
1212	1/2" SWT	2212	1/2" SWT	3222	3/4" SWT	4223	3/4" MNPT	5233	1" MNPT	6243	1 1/4" MNPT
1213	1/2" MNPT	2213	1/2" MNPT	3223	3/4" MNPT	4233	1" MNPT	5243	1 1/4" MNPT	6253	1 1/2" MNPT
		2221	3/4" FNPT	3231	1" FNPT	4241	1 1/4" FNPT	5251	1 1/2" FNPT	6261	2" FNPT
		2222	3/4" SWT	3232	1" SWT	4242	1 1/4" SWT	5252	1 1/2" SWT	6262	2" SWT
		2223	3/4" MNPT	3233	1" MNPT	4243	1 1/4" MNPT	5253	1 1/2" MNPT	6263	2" MNPT