PROPOSAL REQUEST

	Owner Architect Contractor O.P.M CX Agent	□ Civil □ □ Landscape □ □ Geotech □ □ Structural □ ⋈ MEP-FP □	FF&E Sustainability Acoustics Other Other	DORE + WHITTIER
Pro	oject Name:	Haverhill Consentino Mid School	ddle PR No.	02
Arc	hitect's Project No.	21-0818		
Ow	ner:	City of Haverhill 4 Summer Street Haverhill, MA 01830	Architect:	DORE + WHITTIER 260 Merrimac St, Bldg 7, Newburyport, MA 01950
To:		Brait Builders Corporation	on Contract Date	4/1/2024
		57 Rockwood Road Marshfield, MA 02050	Issue Date:	7/25/2024
Att	ention:	TJ Dahill	Subject:	Expansion Tank Size-Submittal

Please submit an itemized quotation for changes in the Contract Sum and/ or Time incidental to proposed modifications to the Contract documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

To coordinate with Expansion Tank Bladder size changes made in 23 00 10 – 006 Air Separators, Automatic Air Vents, and Expansion Tanks, revise the following:

On Sheet M0.06, revise basis of design on schedule as noted below.

ET-1 serving HHW system shall be modified to model **B1400**. ET-1 to be 370 GAL.

ET-2 serving CHW system shall be modified to model **B600**. ET-2 to be 159 GAL.

AS-1 serving HHW system shall be modified to model **R-10F**.

Issued	by
--------	----

DORE + WHITTIER

Tara King

Copy: File, GG

SECTION 23 00 10 Heating, Ventilating, & Air-Conditioning

23 00 10 - Heating, Ventilating, & Air-Conditioning	6	
SPEC DIVISION	NO.	REV.

NAME OF GENERAL CONTRACTOR:	Brait Builders
DATE SUBMITTED:	April 25, 2024
ITEM SUBMITTED:	Air Separators, Automatic Air Vents, and Expansion Tanks
SPECIFICATION PARAGRAPH REF.:	23 00 10 2.08
	(If yes, provide a Substitution Request Form,
IS THIS ITEM A SUBSTITUTION?	Section 01 25 01)
	/Allana 45 marking plana for Anglifa at and
RETURN REQUESTED BY:	(Allow 15 working days for Architect, and 15 working days for consultant reviews.)
INCTUNIN NEQUESTED BY.	13 working days for consultant reviews.)

GENERAL CONTRACTOR'S CERTIFICATION:

The General Contractor hereby certifies that the General Contractor has reviewed the submitted item / system for compliance with the contract documents, verified all required field dimensions, and coordinated this item / system with related items / systems and with the overall work prior to making this submittal.

signed: Jake McDonough	DATE: 04/25/24
Reviewed (No Comments) Reviewed (See Comments) Reviewed (Accepted for Record) Reviewed (Revise & Resubmit) Rejected Checked only for conformance with the design concept of the project a with the information provided in the Contract Documents. Review of shop drawings or other submittals shall not release the Contractor fro responsibility for deviations from Drawings and Specifications, errors i shop drawings or schedules, quantities, dimensions, fabrication, installation, and coordination requirements. The Contractor shall checand verify all field measurements.	m n
Signature + Date	
DORE + WHITTIER	
Vermont Massachusetts doreandwhittier.	com

ENGINEERING SHOP DRAWING REVIEW



57(12)	may 0, 2024	APPROVED AS NOTED
PROJECT:	Consentino Middle School	i AMEND & RESUBMIT
	804 117 00 00	İ

SHOP DWG. NO.: M-7

TITLE: Air Separators, Automatic Air

May 9 2024

Vents, & Expansion Tanks

Submittal 230010-6.0

REVIEWED BY: Sean Strassell

DATE:

	APPROVED				
	X				
	NOT APPROVED				
concept or comr from co Contrac and dim constru	Shop drawing review is for general conformance with the design concept and for compliance with the contract documents. Marking or comments made on the shop drawing do not relieve the contractor rom compliance with the requirements of the contract documents. Contractor is responsible for confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating its' work with that of other trades, and performing its work in a safe and satisfactory manner.				
Date	05/09/2024	Ву	SS		
	GGD Consulting	Engineers, l	nc.		

Review Notes:

- 1. ET-1 serving HHW system shall be model B1400.
- 2. ET-2 serving CHW system shall be model B600.
- 3. Mechanical Contractor shall set system pressure per Expansion Tank schedule on drawing M0.06.
- 4. AS-1 serving HHW system shall be model R-10F.



LETTER OF TRANSMITTAL

Date: May 9, 2024 Job #: 894 117 00.00

Attention: Michelle Barbaro-Rogers Re: Consentino Middle School

To: Dore + Whittier **260 Merrimac Street** Building 7, 2nd Floor Newburyport, MA 01950

We Are Sending You:		u: <u>X</u>	X Attached X		lowing item	ns via: Email	
X Shop	Drawing	sP	rints	Plans		Specifications	
Сору о	f Letter	C	hange Order	Samples		Drawings	
COPIES	DATE REC'D	GGD NUMBER	DESCRIPTI SUBMITTA			ACTION	
1	4/25/24	M-7	Air Separat	ors, Automatic n Tanks Submi	•	Approved As Noted	
[• • • • • • • • • • • • • • • • • • • •	J 1 1 J	1 1				
These are i		d as checked A	pproved as si	ubmitted	Resub	mit copies for approval	
x For yo	ur use	A	pproved as n	oted	Submi	t copies for distribution	
x As req	uested	R	eturned for c	orrections	Return	corrected prints	
_ For revi	iew and co	mment			Forwa	rded	
_ For Bid	s Due	, <u>20</u>			Prints	Returned on Loan to Us	
REMARKS	:						
COPY (S)	TO: File			SIG	NED: Sean	R. Strassell;md	

COPY (S) TO: File

Tara King, Dore and Whittier Heather Gratton, Dore and Whittier



Brait Builders Corporation

57 Rockwood Rd, Suite 3 Marshfield, Massachusett 02050 P: +17818376400

RECEIVED4/25/24

Project: CMS Haverhill Middle School 685 Washington Street

Haverhill, Massachusetts 01830

Printed On: Apr 25, 2024 04:34 PM EDT

GGD Consulting Engineers, Inc.

Submittal #23 00 10-6.0 - 23 00 10 - 06.0 Air Separators, Automatic Air Vents, & Expansion Tanks 23 00 10 - Heating, Ventilating & Air-Conditioning (HVAC)

Revision	0	Submittal Manager	Jake McDonough (Brait Builders Corporation)
Status	Open	Date Created	Apr 24, 2024
Issue Date		Spec Section	23 00 10 - Heating, Ventilating & Air-Conditioning (HVAC)
Responsible Contractor	General Mechanical Contractors, Inc.	Received From	Mark Tomasino (General Mechanical Contractors, Inc.)
Received Date		Submit By	
Final Due Date	May 9, 2024	Lead Time	
		Cost Code	
Location	General Site	Туре	Product Information
Approvers	Heather Gratton (Dore and Whittier), Tara King (Dor	e and Whittier)	
Ball in Court	Heather Gratton (Dore and Whittier), Tara King (Dor	e and Whittier)	
Distribution			r Gratton (Dore and Whittier), Majorie Dickstein (Dore Builders Corporation), Tara King (Dore and Whittier),

Description

Submittal Workflow

Name	Sent Date	Due Date	Returned Date	Response	Attachments
General Information Attachments					23 00 10 - 06.0 Air Separators, Automatic Air Vents, & Expansion Tanks.pdf
Heather Gratton	Apr 25, 2024	May 9, 2024		Pending	
Tara King	Apr 25, 2024	May 9, 2024		Pending	



Fluid Industrial Associates Inc. • 7 Sixth Road, PO Box 2414, Woburn, Massachusetts 01888 • PHONE: (781) 938-8900 TOLL FREE: 1-800-423-7187 • FAX: (781) 933-3965 • E-Mail: custsrv@fiainc.com • Website: www.fiainc.com

Submittal 4/24/2024

Project: Consentino Middle School

Location:	Haverhill, MA
Engineer:	GGD Consulting Engineers, Inc.
Mechanical Contractor:	General Mechanical Contractors
Representative:	FIA Inc. – Chris James
Product:	Air Separators, Automatic Air Vents, Expansion Tanks
Tag:	AS-1-2, AS-3, AS-AAV, AS-Snowmelt, ET-1-2
Manufacturer:	Xylem Inc – Bell & Gossett

Comments:

1. All equipment on hold until receipt of approved submittal.



Job/Project: Consentino Middle School HVAC	Representative: FIA	
ESP-Systemwize: WIZE-11C39B4B 04/24/2024	Phone: (781) 938-8900	
Location/Tag: AS-1,2	Email: custsrv@fiainc.com	
Engineer: Garcia Galuska DeSousa Inc.	Submitted By:	Date:
Contractor: General Mechanical Contractors	Approved By:	Date:

Rolairtrol Air Separator Hot & Chilled Water Bell & Gossett Model: R-8F

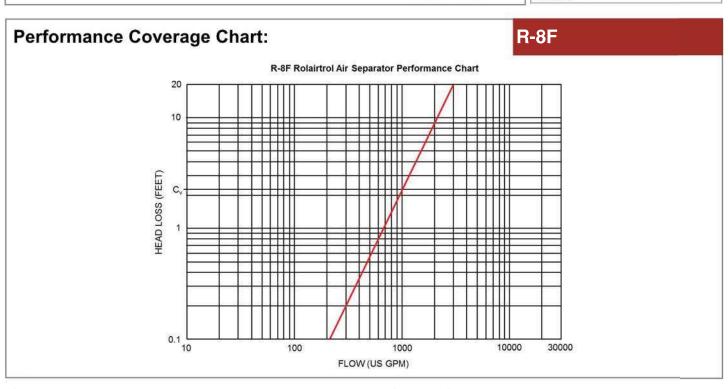
The Bell & Gossett Rolairtrol is a patented air separator with significant advantages. The Rolairtrol is capable of removing the air that commonly causes problems in commercial hot and chilled water systems. The Rolairtrol provides air free flow, improving efficiency and performance of the HVAC system





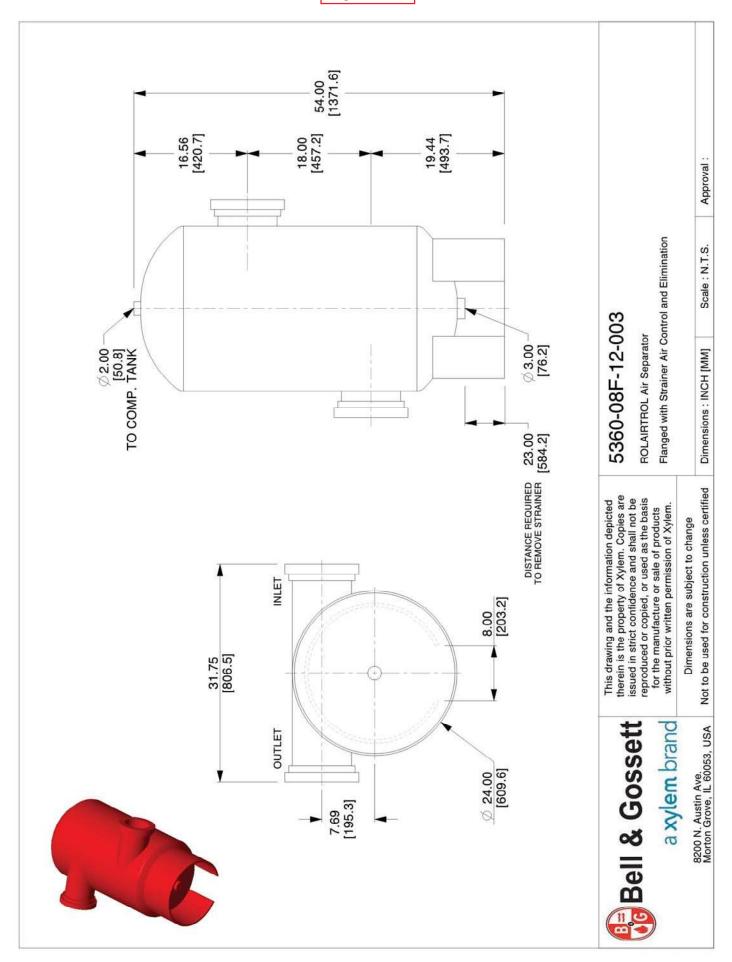
Separator Selection	
Model	R-8F
Size	8.0 in
Recommended Max Flow	1300.0 gpm
ASME Certified	true
Pressure Drop @ Design Flow	0.0'
Shipping Weight	460.0 lbs
Flooded Weight	1211.0 lbs

Type of	
Separator	Centrifugal, With Strainer



Materials of ConstructionBodyCarbon SteelBaffleCarbon SteelStrainer304 SS

Maximum Working Pressure						
Max Working Pressure	125psig					
Max Operating Temperature	350°F					







Job/Project: Consentino Middle School HVAC	Representative: FIA			
ESP-Systemwize: WIZE-11C39B4B 04/24/2024	Phone: (781) 938-8900			
Location/Tag: AS-3	Email: custsrv@fiainc.com			
Engineer: Garcia Galuska DeSousa Inc.	Submitted By:	Date:		
Contractor: General Mechanical Contractors	Approved By:	Date:		

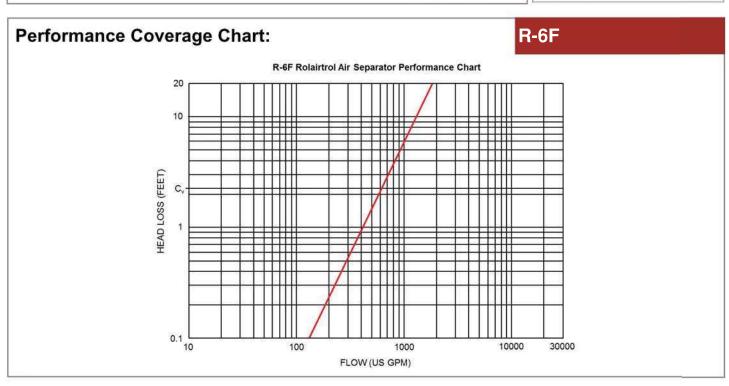
Rolairtrol Air Separator Hot & Chilled Water Bell & Gossett Model: R-6F

The Bell & Gossett Rolairtrol is a patented air separator with significant advantages. The Rolairtrol is capable of removing the air that commonly causes problems in commercial hot and chilled water systems. The Rolairtrol provides air free flow, improving efficiency and performance of the HVAC system



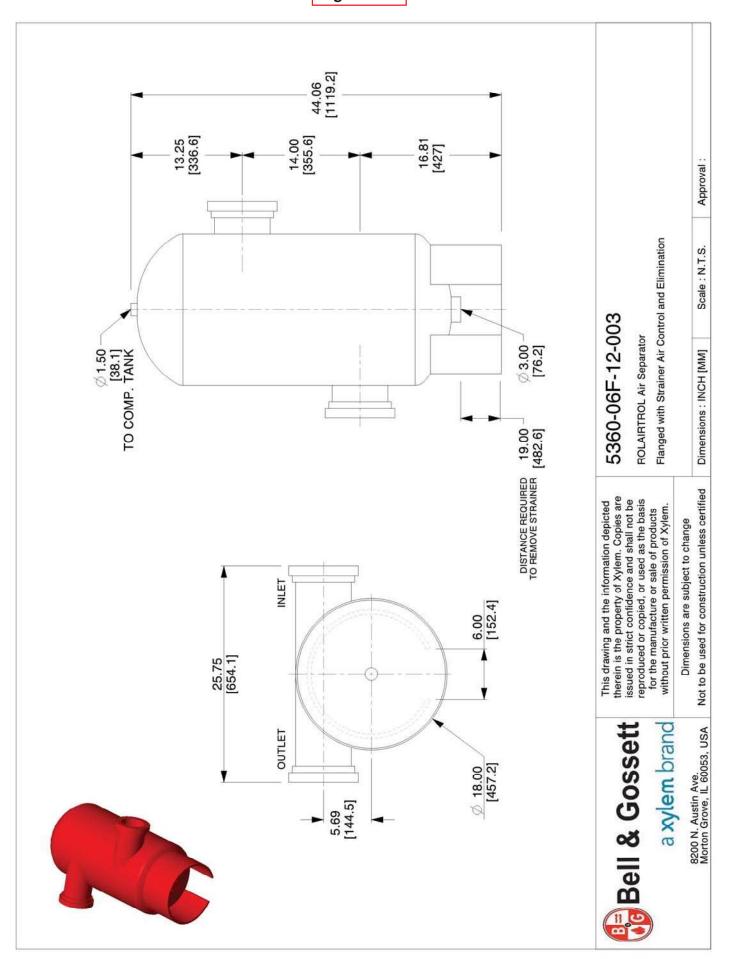


Type of Separator Centrifugal, With Strainer



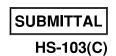
Materials of ConstructionBodyCarbon SteelBaffleCarbon SteelStrainer304 SS

Maximum Working Pressure						
Max Working Pressure	125psig					
Max Operating Temperature	350°F					









JOB: Consentino Middle School HVAC

REPRESENTATIVE: Fluid Industrial Associates

UNIT TAG: ORDER NO. DATE: 4/24/2024

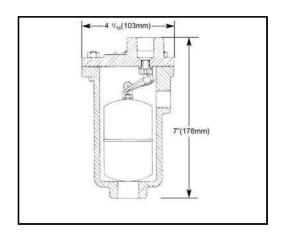
ENGINEER: Garcia Galuska DeSousa Inc.

SUBMITTED BY: Chris James

CONTRACTOR: General Mechanical Contractors

APPROVED BY:

DATE:



Hoffman Specialty Model 792 High Pressure Water Main Vent Valve

Materials of Construction					
Part	Specifications				
Body	Cast Iron				
Cover	Cast Iron				
Float	Stainless Steel				
Seat	Stainless Steel				
Pin	Stainless Steel				

	Capacities					
Water Pressure psig (bar)	Air Discharge to Atmosphere cu. ft./min. (S(m³/min))					
100	10					
(6.9)	(.28)					
150	15					
(10.3)	(.42)					
200	20					
(13.8)	(.57)					
250	25					
(17.3)	(.70)					

RATINGS

Model	NPT Bottom Inlet Size in.	NPT Side Inlet Size in.	NPT Outlet Size in.	Maximum Operating Pressure psig (bar)	Maximum Hydrostatic Pressure psig (bar)	Maximum Operating Temperature ^º F (^º C)
792	3/4	1/2	1/2	250 (17.3)	350 (24.2)	300 (149)

SCHEDULE

MODEL NUMBER	PART NUMBER	TAGGING INFORMATION	QTY.
→ 792	401494	AS-AAV	3

Xylem Inc. 8200 N. Austin Avenue Morton Grove, IL 60053 Phone (847)966-3700 Facsimile (847)966-9052 www.hoffmanspecialty.com



Tag AS-Snowmelt

SUBMITTAL A-333B

JOB: Consentino Middle School HVAC

REPRESENTATIVE: Fluid Industrial Associates

UNIT TAG:

ENGINEER: Garcia Galuska DeSousa Inc.

CONTRACTOR: General Mechanical Contractors

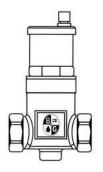
ORDER NO.

SUBMITTED BY: Chris James

APPROVED BY:

DATE: DATE:

DATE: 4/24/2024



Enhanced Air Separator Model EASB-JR

DESCRIPTION

The Bell & Gossett Model EASB-JR Enhanced Air Separator automatically removes entrained air bubbles in hydronic systems. As fluid enters the EASB-JR, the velocity is slowed down creating a low pressure area. The small bubbles are then released from the fluid and collect on the coalescing medium. As the bubbles coalesce, they will rise on the top of the air separator where they can be released to atmosphere through the built-in automatic air vent. The air separator has a bottom 1/2" NPT connection to accommodate a B&G diaphragm expansion tank. The compact design and brass body construction make the EASB-JR ideal for residential and commercial hydronic and heating systems.

Available Sizes: 3/4", 1", 1-1/4", 1-1/2" & 2" NPT or

3/4", 1", 1-1/4" Sweat

CONSTRUCTION

Cast Body and Cap: Brass Coalescing Medium: Stainless Steel Venting Mechanism: Non-Ferrous

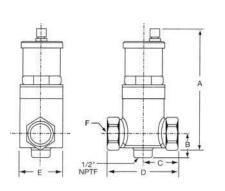
MAXIMUM OPERATING LIMITATIONS
Tomporeture: 050%E (101%C)

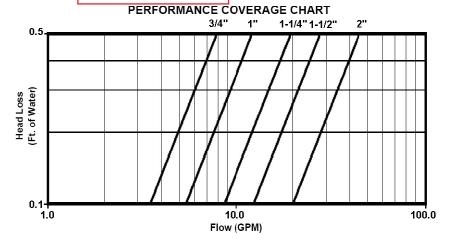
Temperature: 250°F (121°C) Working Pressure: 150 psi (10 Bar)

SCHEDULE

MODEL NUMBER	PART NUMBER	SIZE INCHES	RECOMMENDED MAXIMUM FLOW (GPM)	TAGGING INFORMATION	QUANTITY
EASB-3/4 JR	112111	3/4" NPT	6		
EASB-3/4S JR	112114	3/4" Sweat	6		
EASB-1 JR	112112	1" NPT	12		
EASB-1S JR	112115	1" Sweat	12		
EASB-1-1/4 JR	112113	1-1/4" NPT	20		
EASB-1-1/4S JR	112116	1-1/4" Sweat	20		
EASB-1-1/2 JR	112117	1-1/2" NPT	30		
EASB-2 JR	112464	2" NPT	45	SNOWMELT AIR SCOOP	1







DIMENSIONS AND WEIGHTS

	SIZE		DIMENSIONS-INCHES (MM)							
MODEL NUMBER	INCHES NPT	А	В	С	D	E	F	SHPG. WT. LBS. (Kg)		
EASB-3/4 JR	3/4" NPT	6-7/8 (175)	1-5/8 (41)	1-13/16 (46)	3-5/8 (92)	2-1/4 (57)	3/4" NPTF	2-1/2 (1)		
EASB-3/4S JR	3/4" Sweat	6-7/8 (175)	1-5/8 (41)	1-13/16 (46)	3-5/8 (92)	2-1/4 (57)	3/4" Sweat	2-1/2 (1)		
EASB-1 JR	1" NPT	6-7/8 (175)	1-5/8 (41)	1-13/16 (46)	3-5/8 (92)	2-1/4 (57)	1" NPTF	2-1/2 (1)		
EASB-1S JR	1" Sweat	6-7/8 (175)	1-5/8 (41)	1-13/16 (46)	3-5/8 (92)	2-1/4 (57)	1" Sweat	2-1/2 (1)		
EASB-1-1/4 JR	1-1/4" NPT	7-1/2 (191)	1-7/8 (48)	2-5/16 (59)	4-5/8 (117)	3-1/8 (79)	1-1/4" NPTF	4 (1.8)		
EASB-1-1/4S JR	1-1/4" Sweat	7-1/2 (191)	1-7/8 (48)	2-5/16 (59)	4-5/8 (117)	3-1/8 (79)	1-1/4" Sweat	4 (1.8)		
EASB-1-1/2 JR	1-1/2" NPT	7-1/2 (191)	1-7/8 (48)	2-5/16 (59)	4-5/8 (117)	3-1/8 (79)	1-1/2" NPTF	4 (1.8)		
EASB-2 JR	2" NPT	7-1/2 (191)	2 (51)	2-1/2 (64)	5 (128)	3-1/8 (79)	2" NPTF	5 (2.27)		

Dimensions are subject to change. Not to be used for construction purposes unless certified.

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans a brass body, in-line air separator designed to effectively separate and remove free air in hydronic heating/cooling systems. The air separator shall be constructed of brass body with stainless steel coalescing medium designed to function satisfactorily at working pressures up to 150 psi (10 bar) and liquid temperatures up to 250°F (121°C). The air separator shall have an internal coalescing medium design that traps and collect air bubbles to be released to atmosphere through the built-in automatic air vent.

accommo	•	orecha	rged		connection (Choose		
The air se	parator sh		Kylem I				

Xylem Inc. 8200 N. Austin Avenue Morton Grove, IL 60053 Phone: (847)966-3700

Phone: (847)966-3700 Fax: (847)965-8379

www.bellgossett.com

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.

ESP-REP v2024.01 © 2013 Xylem Inc.





Job/Project:	Representative: FIA	
ESP-Systemwize: WIZE-11C39B4B Created On: 04/24/2024	Phone: (781) 938-8900	
Location/Tag:	Email: cust srv@fiainc.com	
Engineer:	Submitted By: Date:	
Contractor:	Approved By: Date:	

Expansion Tanks: Pressurized (Air Elimination)

Bell & Gossett Series: B ASME

Series B expansion tanks are ASME rated pre-charged bladder-type pressure vessels. The Series B tank is designed to absorb the expansion forces of heating/cooling system water while maintaining proper system pressurization under varying operating conditions. The heavy duty bladder contains system water thereby eliminating tank corrosion and waterlogging problems.



Selection Criteria Model B200 Quantity Required Tank Volume 0.0 gal Required Acceptance 0.0 gal Actual Tank Volume 53.0 gal Actual Acceptance Volume 53.0 gal Orientation Horizontal/Vertical Туре Bladder ASME Rated true Fill/Max Temperature 0.0 F/0.0 F Fill/Max Pressure 0.0 psi / 0.0 psi System Volume 0.0 gal System Medium Water

Designed and constructed per ASME Section VIII, Division 1

Tank Details

- · Increases system performance
- Reduces oxygen corrosion
- · Prevents waterlogging
- · Replaceable bladder
- Integrated bladder integrity monitor on all models
- · High maximum operating temperatures
- · Seismic restraints available
- · Sight glass available

Not For Potable Water System

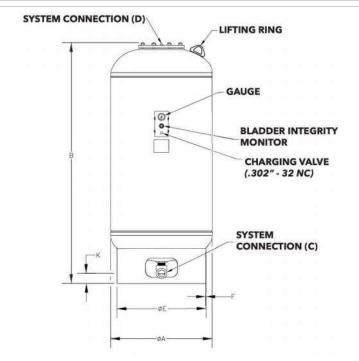
B200

Operating Data	
Max Design Temperature	0.0 F
Max Working Pressure	125.0 psig
Shipping Weight	210 (95)
Flooded Weight	651 (295)

Performance Curve Data

Materials of Construction

Shell	Carbon Steel
Bladder	Heavy Duty Butyl Rubber
System Connection	Forged Steel



Dimensions are subject to change. Not to be used for construction purposes unless certified.

Difficultions are subject to ci	ange. Not to be used for const	idetion puiposes diliess certified	J.			
А	В	С	D	E	F	K
		(FNPT)	(FNPT)			
24 (610)	43 (1,092)	1-1/2	3/4	20 (508)	0.14(4)	5.25 (133)
			Inches (mm)			



Aylem Inc.

8200 N. Austin Avenue, Morton Grove, IL 60053 Phone: (847)966-3700 Fax: (847)965-8379

www.bellgossett.com

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.

Quotation No. 412438-Buyout ET CO

Fluid Industrial Associates Quote Date: 3/7/2024 7 Sixth Rd Quoted By: **Chris James**

Woburn, MA 01888 Date: 5/29/2024 11:33:25 AM

Phone: 781-938-8900 Terms and Conditions of Sale

Fax:

781-933-3965

Freight: **Full Freight Allowed**

Job: **Consentino Middle School**

Expansion Tank CO

TO: **General Mechanical** Haverhill, MA 01832 ATTN: Mark

Garcia Galuska DeSousa Engineer:

Inc.

Pricing for revised expansion tanks per engineer submittal review

We are pleased to quote you on the following equipment for the above job subject to approval. Quantities listed are not guaranteed and should be verified. Prices will be adjusted accordingly. This quotation is subject to change without notice and void after 30 days unless otherwise stated below. All Contracts or Orders are subject to acceptance by the Company and are contingent upon non-occurrence of strikes or other delays beyond their control. In addition to prices named herein, you are to pay any applicable sales taxes.

Qty	Description & Tag	Wt (lbs)	Net Price Ea.	Total Net Price
	REVISED EXPANSION TANKS			
1	Tag: ET-1 116059 - B&G B1400 Series B ASME Bladder Tank (370 GAL)	688	\$6,495.00	\$6,495.00
1	Tag: ET-2 116055 - B&G B600 Series B ASME Bladder Tank (158 GAL)	360	\$3,991.00	\$3,991.00
	Total REVISED EXPANSION TANKS			\$10,486.00
	SPECIFIED EXPANSION TANKS			
2	Tag: ET-1,2 116051 - B&G B200 Series B ASME Bladder Tank (53 GAL)	420	(\$1,569.00)	(\$3,139.00)
	Total SPECIFIED EXPANSION TANKS			(\$3,139.00)
	Total Change Order Price	1468		\$7,347.00



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Re-Submittal 5/24/2024

Project: Consentino Middle School

Location:	Haverhill, MA
Engineer:	GGD Consulting Engineers, Inc.
Mechanical Contractor:	General Mechanical Contractors
Representative:	FIA Inc. – Chris James
Product:	Air Separators, Automatic Air Vents, Expansion Tanks
Tag:	AS-1-2, AS-3, AS-AAV, AS-Snowmelt, ET-1-2
Manufacturer:	Xylem Inc – Bell & Gossett

Comments:

1. All equipment on hold until receipt of approved submittal.



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- 2. Resubmitting on air separators less strainers per discussion with engineer.
- 3. Expansion tank sizes revised per submittal comments.



Job/Project: Consentino Middle School HVAC	Representative: FIA	
ESP-Systemwize: WIZE-984C4F6E 05/24/2024	Phone: (781) 938-8900	
Location/Tag: AS-1-2	Email: custsrv@fiainc.com	
Engineer: Garcia Galuska DeSousa Inc.	Submitted By:	Date:
Contractor: General Mechanical Contractors	Approved By:	Date:

Rolairtrol Air Separator Hot & Chilled Water Bell & Gossett Model: RL-8F

The Bell & Gossett Rolairtrol is a patented air separator with significant advantages. The Rolairtrol is capable of removing the air that commonly causes problems in commercial hot and chilled water systems. The Rolairtrol provides air free flow, improving efficiency and performance of the HVAC system





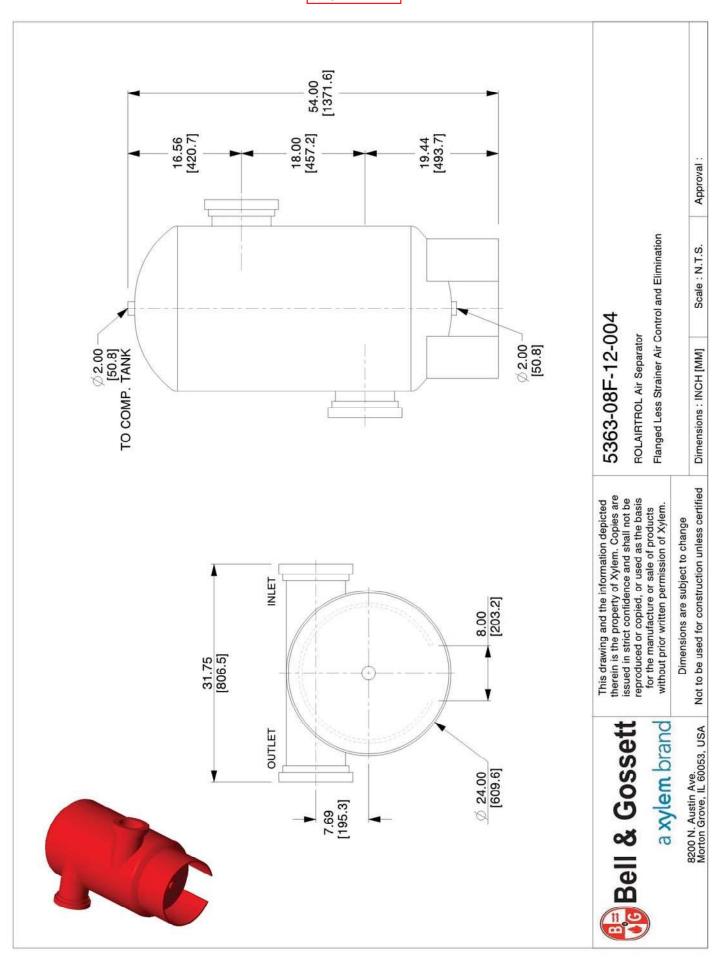
Separator Selection	
Model	RL-8F
Size	8.0 in
Recommended Max Flow	1900.0 gpm
ASME Certified	true
Pressure Drop @ Design Flow	0.0'
Shipping Weight	420.0 lbs
Flooded Weight	1171.0 lbs

Type of	
Separator	Centrifugal, Without Strainer

Performance Coverage Chart: RL-8F Rolairtrol Air Separator Performance Chart 20 10 10 10 10 10 10 100 FLOW (US GPM)

Materials of Construction Body Carbon Steel

Maximum Working Pr	essure	
Max Working Pressure	125psig	
Max Operating Temperature	350°F	





Job/Project: Consentino Middle School HVAC	Representative: FIA	
ESP-Systemwize: WIZE-984C4F6E 05/24/2024	Phone: (781) 938-8900	
Location/Tag: AS-3	Email: custsrv@fiainc.com	
Engineer: Garcia Galuska DeSousa Inc.	Submitted By:	Date:
Contractor: General Mechanical Contractors	Approved By:	Date:

Rolairtrol Air Separator Hot & Chilled Water Bell & Gossett Model: RL-6F

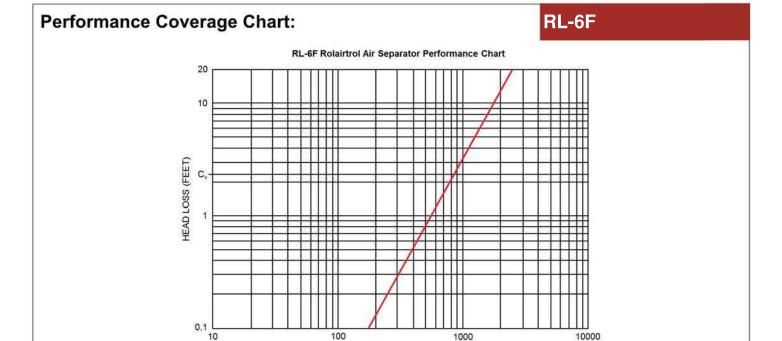
The Bell & Gossett Rolairtrol is a patented air separator with significant advantages. The Rolairtrol is capable of removing the air that commonly causes problems in commercial hot and chilled water systems. The Rolairtrol provides air free flow, improving efficiency and performance of the HVAC system





Separator Selection	
Model	RL-6F
Size	6.0 in
Recommended Max Flow	850.0 gpm
ASME Certified	true
Pressure Drop @ Design Flow	0.0'
Shipping Weight	280.0 lbs
Flooded Weight	564.0 lbs

Type of	
Separator	Centrifugal, Without Strainer



FLOW (US GPM)

Materials of Construction Body Carbon Steel

Maximum Working Pr	essure	
Max Working Pressure	125psig	
Max Operating Temperature	350°F	