

Dena Zwarich

From: Matt Morris <matt@morriseng.ca>
Sent: Friday, September 4, 2020 2:29 PM
To: gaines@bellnet.ca
Cc: Keith Oster; Annie Griffiths; Dena Zwarich
Subject: FW: Carleton Place Arena - Mechanical Shop Drawings
Attachments: 2 - CP Arena - G&D for Review - Aug 18, 2020.pdf; 3 - CP Arena - Wall Caps for Review - Aug 18, 2020.pdf; 4 - CP Arena - Kitchen Exhaust System for Review - Aug 18, 2020.pdf; 5 - CP Arena - Exhaust Fans for Review - Aug 18, 2020.pdf; 6 - CP Arena - Fire Dampers for Review - Aug 18, 2020.pdf

SUBMITTAL / SHOP DRAWING REVIEW	
This submittal/shop drawing review is for general conformance with drawings and specifications only. Contractor is completely responsible for all dimensions, details, quantities, supply, installation and construction. This review does not in any way relieve the Contractor of responsibility for compliance with the Contract Documents.	
Client:	Larry Gaines Architect
Project:	Carleton Place Arena
Submittal:	Mechanical
Notes:	REGISTERS GRILLES & DIFFUSERS: - <i>Alternate product</i> - <i>No comment</i> WALL CAPS: - <i>No comment</i> KITCHEN EXHAUST SYSTEM: - <i>No comment</i> EXHAUST FANS: - <i>No comment</i> FIRE DAMPERS: - <i>No comment</i>
MORRIS ENGINEERING LTD. 68 William Street, Suite 200, Brockville, Ontario (613)499-2077	

SUBMITTAL

Job: Carleton Place Arena

Spec Section No:

Submittal No: 3

Revision No: 0

Sent Date: August 18, 2020

Spec Section Title: Mechanical

Submittal Title: Wall Caps

Contractor:

Climate Works
Rosalyn Grusnick - 613-315-4009

Contractor's Stamp


Climate Works
Heating, Cooling & Plumbing
Reviewed
2020-08-18 10:14:01 AM

Architect:

Architect's Stamp

Engineer:

Engineer's Stamp



Project: Carleton Place Arena

Location: 75 Neelin Street

Engineer: Eastern Engineering

Contractor: Climate Works

Date: August 17, 2020

Submitted By: Heather Turcotte, C.E.T.

Specification Section: M002

Product: Reversomatic Wall Caps

Revision: 0



walmarventilation.ca



613-225-9774



24 Gurdwara Road
Nepean ON, K2E 8B5



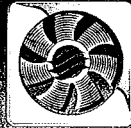
info@walmar.net



613-225-2972

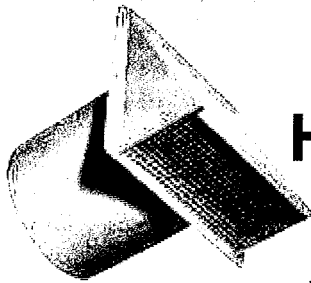
WALMAR Ventilation Products

Division of Randebar Enterprises



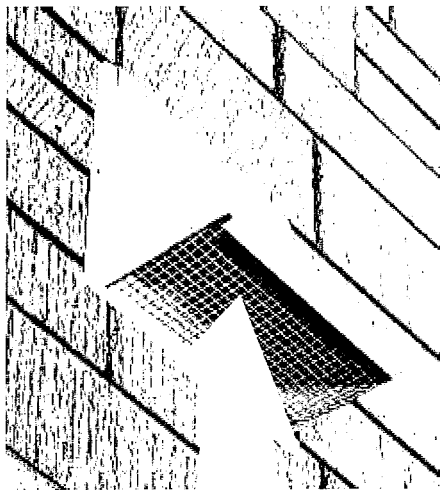
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Contractor to confirm sizes and quantities.

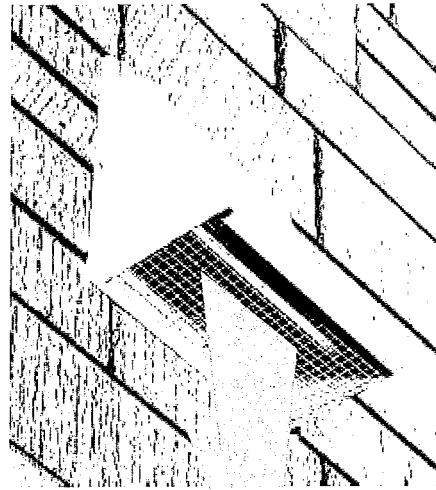


INTERCHANGEABLE HEAVY DUTY WALL CAPS

**TWO APPLICATIONS IN ONE CAP:
 FRESH AIR IN EXHAUST AIR OUT**



FRESH AIR



EXHAUST AIR

Reversomatic Heavy duty wall caps are installed through all over North America in extreme cold & hot conditions including ocean front buildings & houses for multiple applications like dryers, kitchen exhaust and general ventilation purpose.

INTERCHANGEABLE WALL CAP is a simple and smart solution to use in two applications: **FRESH AIR INTAKE & EXHAUST AIR DISCHARGE.**



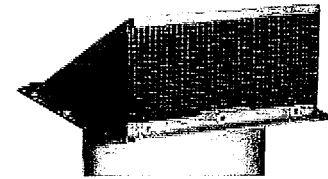
Preconditioned to any application Interchangeable wall cap.



Inserted Aluminium Back Draft Damper makes wall cap used for Exhaust



Inserted Fly Screen makes wall cap used for Fresh Air Intake



In both applications finally bird screen to be installed

Wall cap made off 24 GA Satin Coated Steel painted black, brown, white or 0.025" Aluminium. Aluminum is recommended for ocean front constructions, while steel or plastic are not preferable. Other colours and custom sizes are available upon request.

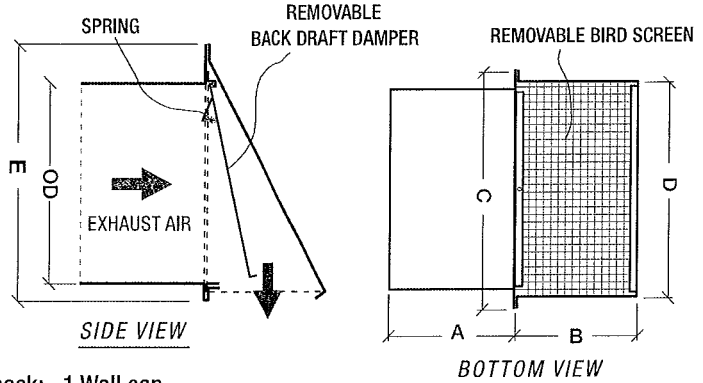
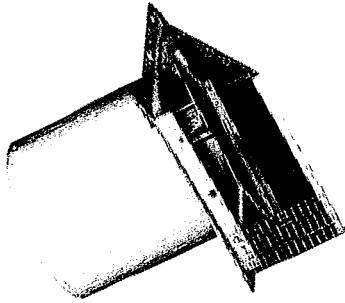
NOTE: see instructions for insert installation

INTERCHANGEABLE WALL CAP

- EASY TO INSTALL • EASY TO CONVERT FROM INTAKE TO EXHAUST OR EXHAUST TO INTAKE •
- EASY REMOVABLE BIRD-SCREEN, FLY SCREEN, BACK DRAFT DAMPER FOR CLEANING • HEAVY GAUGE ALUMINUM & STEEL •
- ELIMINATES INVENTORY • IMPACT RESISTANT • PREVENTS MOLD & MILDEW • ELIMINATES WATER PENETRATION •

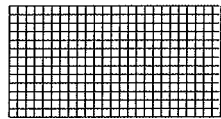
Wall caps comply with AMCA 511 Standard for testing weather penetration effectiveness
 Test Standard: Cyclic / Static Test ASTM E547-00 (Tested at 800 Pa)

EXHAUST AIR APPLICATION

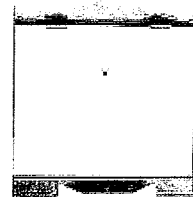


Standard single pack: 1 Wall cap
 Additional single pack: 1 Bird screen,
 1 Back Draft Damper.

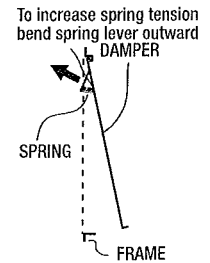
	OD 4", 5", 6"	OD 7", 8", 9"	OD 10", 12"
A	6"	6"	6"
B	3 ¹¹ / ₁₆ "	5 ¹¹ / ₁₆ "	7 ¹¹ / ₁₆ "
C	7 ¹³ / ₁₆ "	10 ³ / ₄ "	13 ³ / ₄ "
D	6 ¹ / ₂ "	9 ¹ / ₂ "	12 ¹ / ₂ "
E	8 ⁵ / ₁₆ "	11 ³ / ₈ "	-----



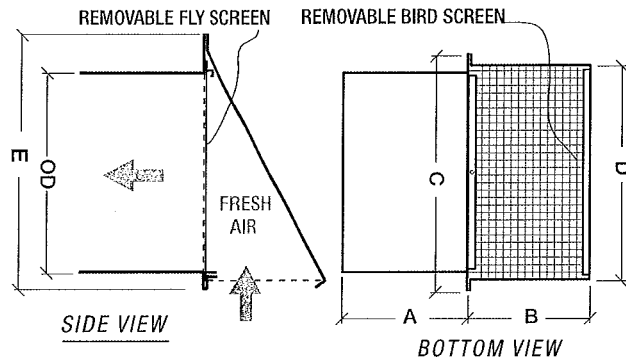
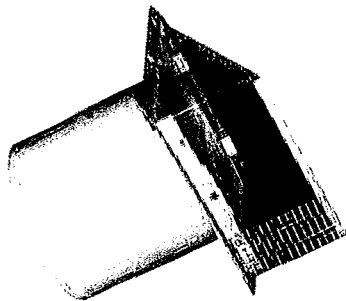
BIRD SCREEN
 (Not recommended
 for dryer exhaust application)



ALUMINIUM BACKDRAFT DAMPER

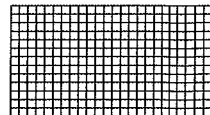


FRESH AIR INTAKE APPLICATION

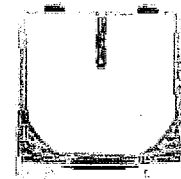


Standard single pack: 1 Wall cap
 Additional single pack: 1 Bird screen,
 1 Fly Screen

	OD 4", 5", 6"	OD 7", 8", 9"	OD 10", 12"
A	6"	6"	6"
B	3 ¹¹ / ₁₆ "	5 ¹¹ / ₁₆ "	7 ¹¹ / ₁₆ "
C	7 ¹³ / ₁₆ "	10 ³ / ₄ "	13 ³ / ₄ "
D	6 ¹ / ₂ "	9 ¹ / ₂ "	12 ¹ / ₂ "
E	8 ⁵ / ₁₆ "	11 ³ / ₈ "	-----

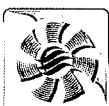


BIRD SCREEN



FLY SCREEN

Contractor:		WALL CAP		
Architect:	Job:	Date	Supersedes	Drawing No.
Engineer:	Date Submitted:			

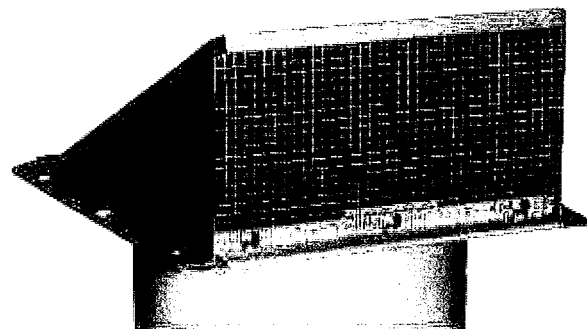
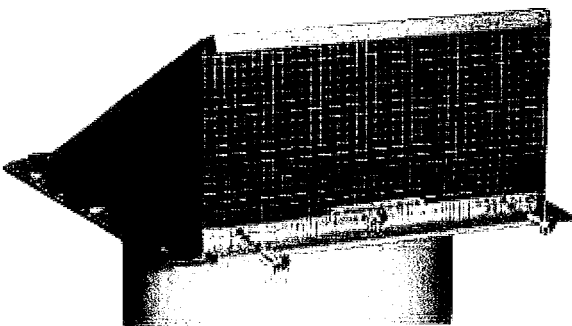
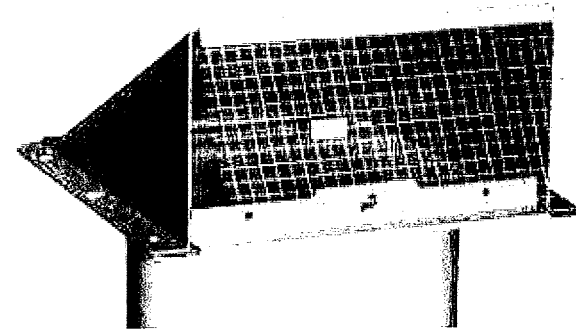
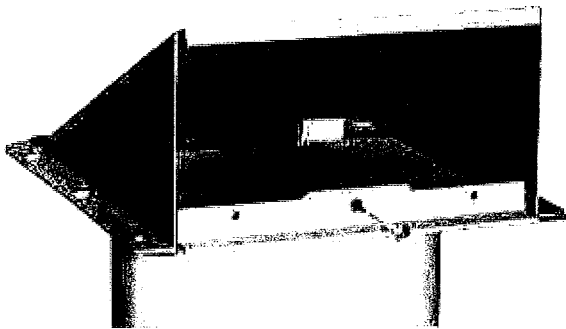
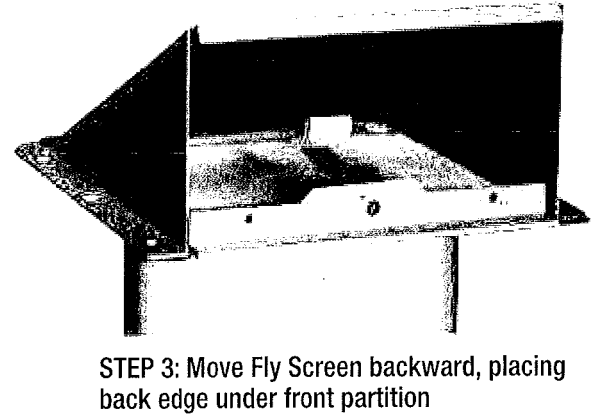
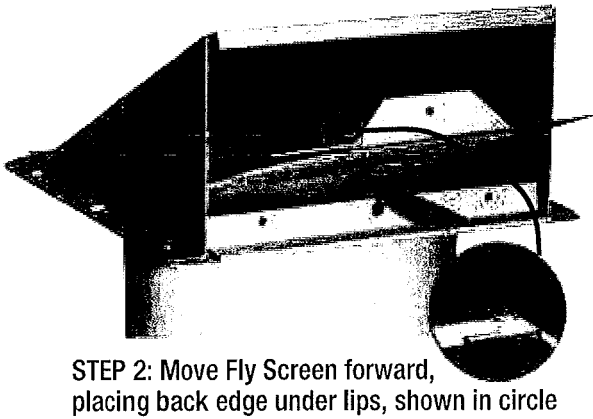
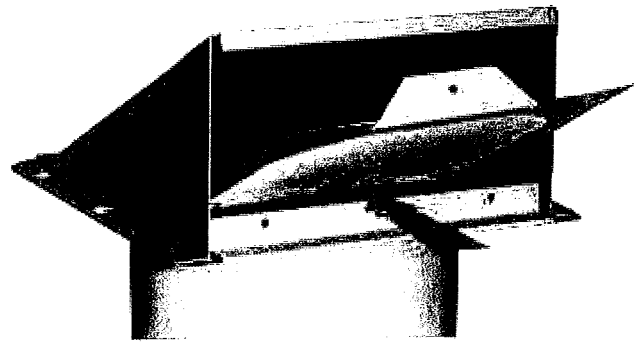
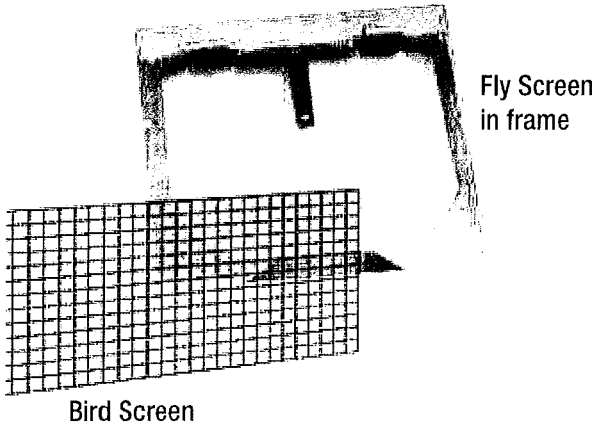


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U.S.A.: 2555 Porter Lake Drive, Suite 103
 Sarasota, Florida 34240
 Phone: (941) 870-2320; (800) 499-5073
 Fax: (941): 870-0652 Email info-us@reversomatic.com

INTERCHANGEABLE WALL CAP - FRESH AIR KIT INSTALLATION

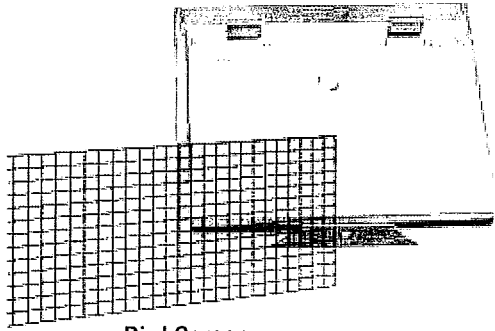


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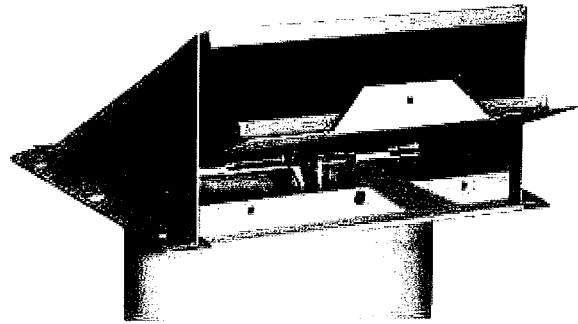
U.S.A.: 2555 Porter Lake Drive, Suite 103
Sarasota, Florida 34240
Phone: (941) 870-2320; (800) 499-5073
Fax: (941) 870-0652 Email info-us@reversomatic.com

INTERCHANGEABLE WALL CAP - EXHAUST AIR KIT INSTALLATION

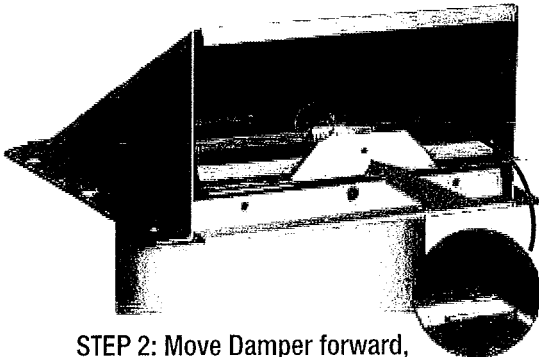


Aluminium
Back Draft
Damper

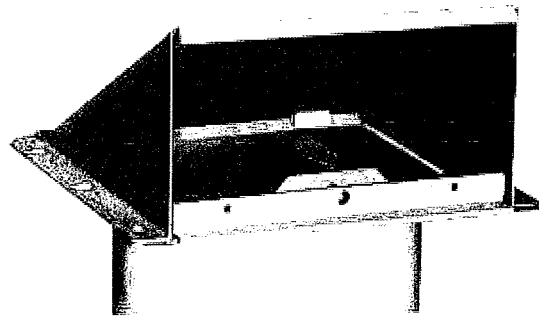
Bird Screen
(not recommended for dryer exhaust)



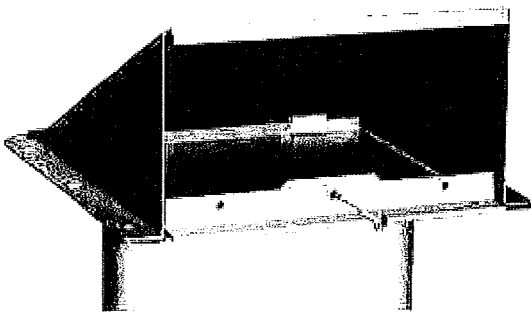
STEP 1: Insert Draft Damper as shown



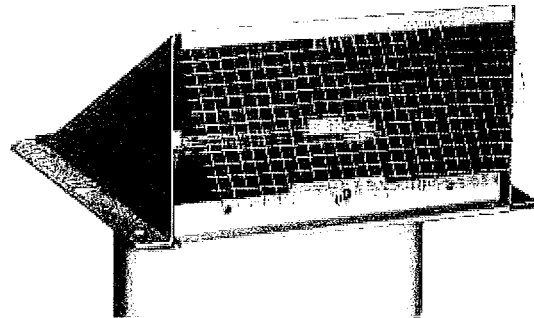
STEP 2: Move Damper forward,
placing back edge under lips, shown in circle



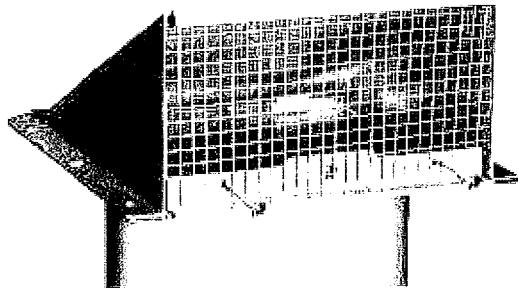
STEP 3: Move Damper backward, placing
back edge under front partition



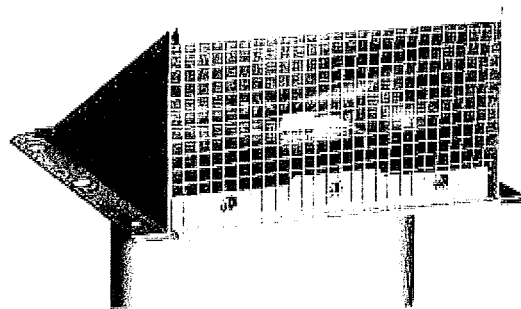
STEP 4: Line up screw holes &
secure damper with screw



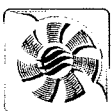
STEP 5: Insert Bird Screen as shown
(Bird Screen is not recommended for dryer exhaust)



STEP 6: Secure Bird Screen with st. steel screws



FINAL: EXHAUST AIR WALL CAP READY FOR USE



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