



WEAVER CONSTRUCTION MANAGEMENT, INC.

3679 S. Huron St., Suite 404

Englewood, CO 80110

Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITTAL

August 15, 2011

WGC Submittal No: 15800-001

PROJECT: **Harold Thompson Regional WRF**
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: **GMS, Inc.**
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan
Sewage Disposal District**
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: **Kuck Mechanical Contractors, LLC.**
395 West 67th Street
Loveland, CO 80593
970-461-3553 Melanie Peterson

SUBJECT: Ceiling Exhaust Fan - TAG-SF1

SPEC SECTION: 15800.2.2.C

PREVIOUS SUBMISSION DATES:

DEVIATIONS FROM SPEC: ___ YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver General Construction and approved with respect to the means, methods, techniques, & safety precautions & programs incidental thereto. Weaver General Construction also warrants that this submittal complies with contracted documents and comprises on deviations thereto:

Contractor's Stamp:

Engineer's Stamp:

Date: 8/15/11

Reviewed by: H.C. Myers

(X) Reviewed Without Comments

() Reviewed With Comments

ENGINEER'S
COMMENTS:



395 West 67th Street
P.O. Box 388
Loveland, CO 80539-0388
Phone: (970) 461-3553
Fax: (970) 461-3443

DATE: 08/10/11
SENT TO: Weaver General Contractors
Attn: John Jacob
JOB: Harold D. Thompson WRF (#01135)
CO

SUBMITTAL NO.: 00004
SUBMITTAL DUE:
PACKAGE: n/a

VENDOR NAME: CFM

SPECIFICATION #: 15800

SUBJECT: Ceiling Exhaust Fan

REVIEW DETAILS:

Review #: 1	Received: 08/10/11	Priority: Normal
Desc: Ceiling Exhaust Fan	Sent: 08/10/11	Status: Open
Reviewer: John Jacob	Returned:	Sepias: 0
Weaver General Contractors	Forwarded:	Prints: 0

Sent for the following action(s):

- For Approval**

 For Distribution

 For Your Use/Files

 As Req'd per

Action Needed:

Sincerely,
Melanie Peterson

Kuck Mechanical Contractors
PM Assistant
395 W. 67th Street
Loveland, CO 80538



CFM COMPANY

AIR CONDITIONING / HEATING / VENTILATING EQUIPMENT

413D North Highway 287 - Ft. Collins, CO 80524

Phone: (970) 493-7293 / Fax: (970) 493-7297

Harold Thompson WTP

TAG: SF-1

Inline Ceiling Exhaust Fan

Submittal Date: 7/28/2011

Submitted by: Eric Larsen

SUBMITTAL

Job Title: **Wastewater Treatment Plant**

Engineer: Plant Engineering Consultant

Consultant: Mr. Chris Freer

Elevation: (ft) 6,000

Date: 07/28/11

CFM COMPANY
413D NORTH HWY 287
FORT COLLINS , CO 80524-1346
US
Phone: (970)493-7293
Fax: (970)493-7297
Email Address: samh@cfmcompany.com



P.O. Box 410 Schofield, WI 54476 (715) 359-6171 FAX (715) 355-2399 www.greenheck.com

CSP

Inline Cabinet Fan

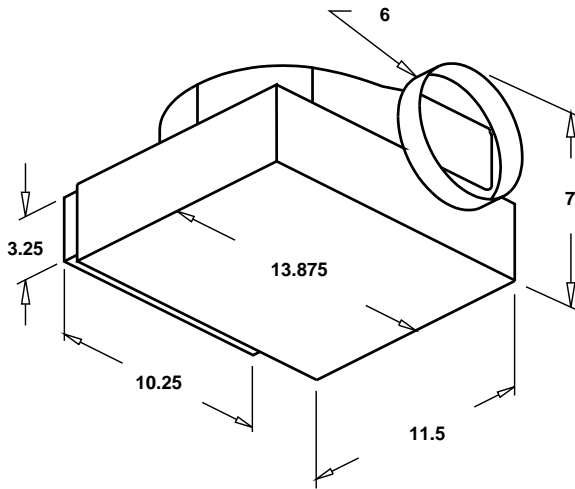
Tag SF-1

STANDARD CONSTRUCTION FEATURES

- Corrosion resistant galvanized steel scroll and housing
- Round outlet duct collar with integral backdraft damper
- Single inlet forward curved wheel
- Plug type disconnect
- Adjustable mounting brackets

SELECTED OPTIONS & ACCESSORIES

- UL/cUL 507 Listed - "Electric Fans"
- Solid State Speed Control, (PN: 5WSSC) Shipped Loose
- Round Hooded Wall Cap, (PN: WC-6) Shipped Loose
- Isolation Kit, (PN: VI KIT-SP/CSP) Shipped Loose
- Polypropylene Wheel Material



NOTES: All dimensions shown are in units of inches
Fan weight is without accessories

DIMENSIONS

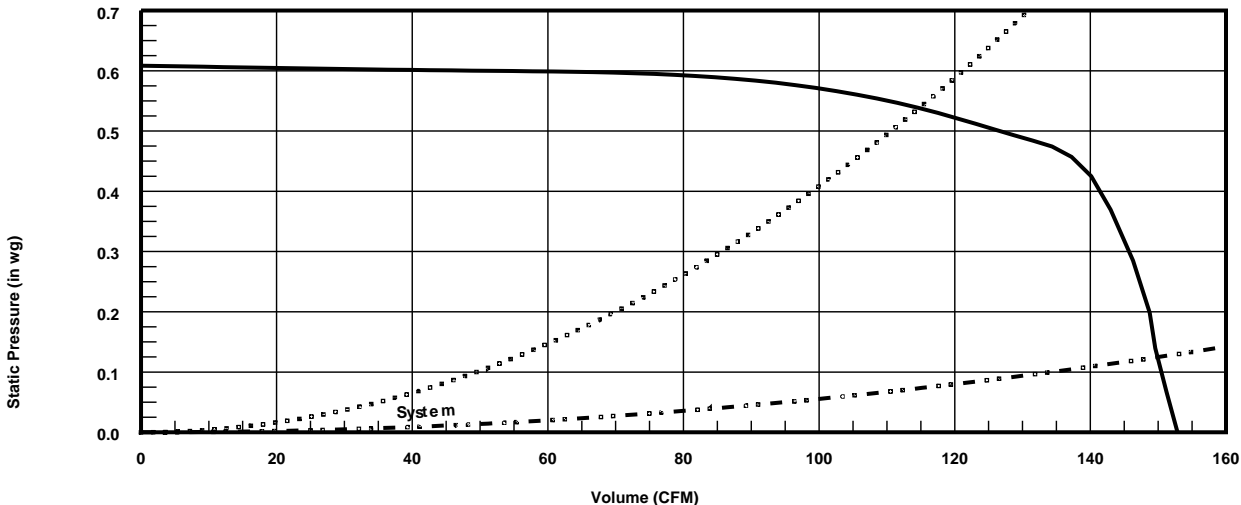
Approx. Fan Weight (lb)
15

PERFORMANCE (Elevation ft = 6,000, Airstream Temperature F = 70)

Qty	Model	Volume (CFM)	SP (in wg)	FRPM	Watts (W)	Amps~ (A)	Motor Information		
							V/C/P	Encl:	RPM
1	CSP-B200	150	0.125	904	173	2.2	115/60/1	ODP	1100

SOUND

Inlet Sound Power by Octave Band								Lwa	dBA	Spherical Sones
62.5	125	250	500	1000	2000	4000	8000			
56	61	49	39	33	25	21	25	47	36	1.1



— RPM Curve
- - - System Curve
· · · Brake Power Curve
- · - Do not select to the left of this surge curve

AMCA



AMCA Licensed for Air Performance Without Appurtenances and Accessories. Power rating (BHP/kW) does not include transmission losses.

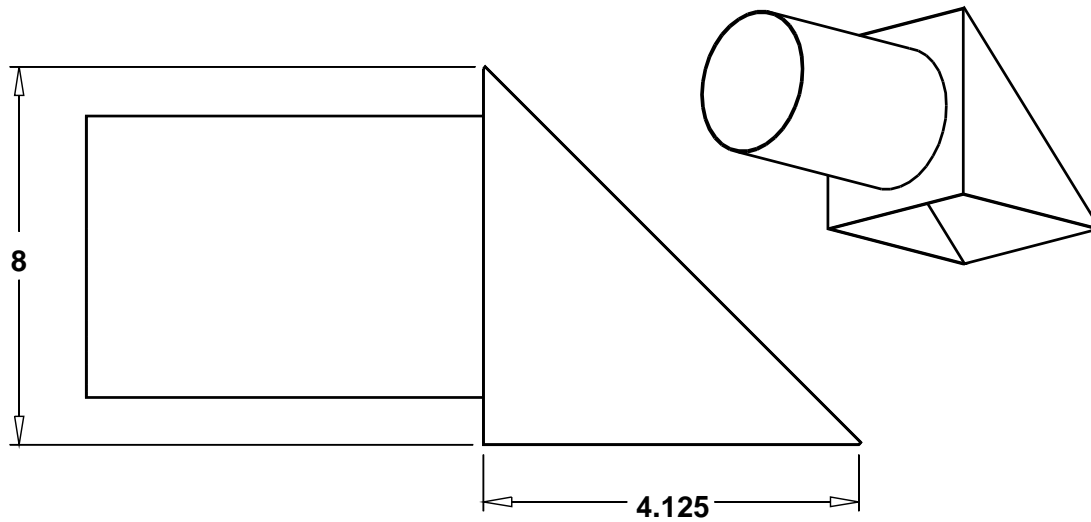
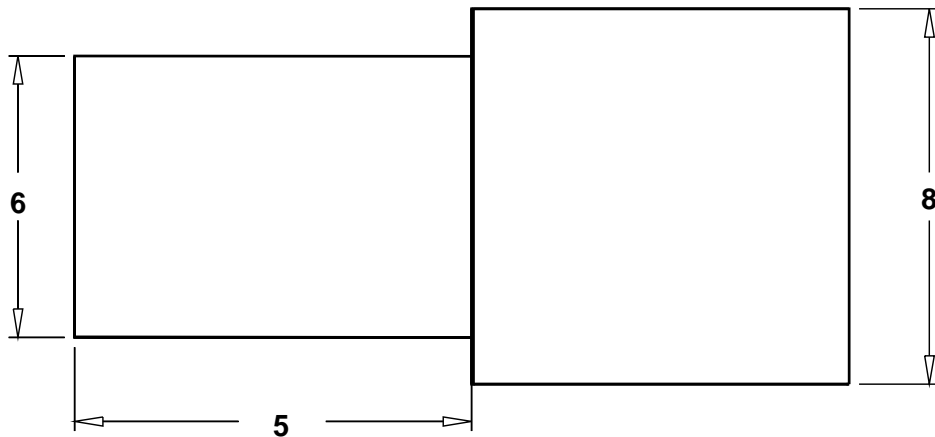
GreenheckFanCorporation certifies that the model shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance ratings only. Performance certified is for installation type D: Ducted inlet, Ducted outlet. Performance ratings include the effects of a backdraft damper. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings shown are for loudness values in spherical sones at 5ft. (1.5m) in a spherical free field calculated per Annex B of AMCA 311. Values shown are for installation type D: ducted inlet spherical sone levels. Ratings do not include the effects of duct end correction. Ratings are based on 10 ft. of insulated duct. The AMCA Certified Ratings Seal applies to air performance only.

The AMCA licensed air and/or sound performance data has been modified for installation, appurtenances or accessories, etc. not included in the certified data. The modified performance is not AMCA licensed but is provided to aid in selection and applications of the product.

WC Round Wall Cap

STANDARD CONSTRUCTION FEATURES

- Aluminum construction
- Designed for outside wall applications
- Built in damper.



NOTES: All dimensions shown are in units of inches