

DATE: 2/01/2023

Page: 6

BID NO.: 50-00140679

BID FORM
Non Public Works

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO ✓

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____ %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

9-10 weeks

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable)

35350

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Beacon Air Conditioning, Heating & Refrigeration, Inc.

ADDRESS: 315 E. 3rd Street

CITY, STATE: Kenner, LA

ZIP: 70062

TELEPHONE: (504) 467-8698

FAX: (504) 466-4996

EMAIL ADDRESS: Wendy@beaconac.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: #1 2/22/23 W.C.

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 165,498.00

AUTHORIZED SIGNATURE: Wendy Chatelain

Wendy Chatelain

Printed Name

TITLE: Owner/Secretary-Treasurer

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

DATE: 2/01/2023

Page 7

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00140679

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	JOB	<p>Labor & Materials Necessary to Remove, Replace & Install eleven (11) water source heat pumps for the Jefferson Parish Correctional Center</p> <p>0010 - TO PROVIDE LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION AND ALL OTHER INCIDENTALS NECESSARY TO REMOVE ELEVEN (11) EXISTING WATER SOURCE HEAT PUMP(S) AND SUPPLY AND INSTALL ELEVEN (11) NEW TRANE STANDARD EFFICIENCY WATER SOURCE HEAT PUMP(S) AT THE JEFFERSON PARISH CORRECTIONAL CENTER LOCATED AT 100 DOLHONDE STREET, GRETN LA 70053.</p>	\$ 165,498.00	\$ 165,498.00



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

February 22, 2023

ADDENDUM # 1

Bid Number: 50-00140679

Receipt Date: February 28, 2023
Postponed to Date: N/A

Description of Bid: Labor & Materials Necessary to Remove, Replace & Install eleven (11) water source heat pumps for the Jefferson Parish Correctional Center.

Q&A:

QUESTION 1- Should new copper supply and return waterlines be installed from each unit's isolation valves?

ANSWER- Yes, New properly sized copper lines shall be installed.

QUESTION 2- Can existing copper drain lines be used?

ANSWER- No, New properly installed copper drain lines shall be installed to floor drain on each unit.

QUESTION 3- Can existing canvas air supply transitions be used?

ANSWER- No, new canvas transitions shall be installed on each unit.

QUESTION 4- Can existing sheet metal return plenums be used?

ANSWER- No, New sheet metal return plenums shall be installed on each unit.

QUESTION 5- • Does Jefferson Parish want new electrical disconnects and properly sized wire to each water source heat pump?

ANSWER- Yes, new disconnects with new fuses and new properly sized wire in conduit to each unit.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364.2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

*****REMEMBER TO ACKNOWLEDGE THIS ADDENDUM ON YOUR BID SUBMISSION. *****

Sincerely,

A handwritten signature in blue ink, reading "Shanna Folse".

Shanna Folse, Buyer II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form by indicating the addendum number listed above. Failure to list each addenda number on the bid form will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Beacon Air Conditioning, Heating & Refrigeration, Inc.
INCORPORATED.

AT THE MEETING OF DIRECTORS OF Beacon A/C, Heating & Refrigeration, Inc.
INCORPORATED, DULY NOTICED AND HELD ON February 1, 2023,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Wendy Chatelain, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-
FACT.



I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE ABOVE
DATED MEETING OF THE BOARD OF
DIRECTORS OF SAID CORPORATION, AND
THE SAME HAS NOT BEEN REVOKED OR
RESCINDED.

Wendy Chatelain
SECRETARY-TREASURER

2/1/2023

DATE



02-17-2023

Bid Bond in Accordance with Contract Specifications

SLA02176114

Beacon Air Conditioning, Heating & Refrigeration, Inc.

Bond Number

Principal Name

315 E 3rd Street, Kenner, LA, 70062, US

Principal Address

Principal Signature

Jefferson Parish

200 Derbigny Street, Gretna, LA, 70053, US

Owner/Obligee Name

Owner/Obligee Address

Bond Information

02-28-2023

The Gray Casualty & Surety Company

22976

Bid Date

Surety

Contractor Vendor ID Number

50-00140679

Contract ID Number

Remove, Replace, Install Eleven Water Source Heat Pumps for Jefferson Parish Correctional Center

Description of Job

Five Percent of amount bid

5%

Amount of Bid Security

Bid Security Maximum

Bid Security Percentage

David B Tidmore

Attorney-in-Fact

T&T Agency, LLC

Bond Entered and Executed By

Primary Agency

Attorney-In-Fact Signature

Know all men by these presents that The Gray Casualty & Surety Company, a Corporation duly organized under the laws of the State of LA, are held and firmly bound unto the above owner/obligee by the transmission. The surety agrees to waive the statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.



THE GRAY INSURANCE COMPANY
THE GRAY CASUALTY & SURETY COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, THAT The Gray Insurance Company and The Gray Casualty & Surety Company, corporations duly organized and existing under the laws of Louisiana, and having their principal offices in Metairie, Louisiana, do hereby make, constitute, and appoint: [David B Tidmore](#)

on behalf of each of the Companies named above its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its deed, bonds, or other writings obligatory in the nature of a bond, as surety, contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract of suretyship executed under this authority shall exceed the amount of \$15,000,000.00.

Surety Bond Number: [SLA02176114](#)

Principal: [Beacon Air Conditioning, Heating & Refrigeration, Inc.](#)

Obligee: [Jefferson Parish](#)

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both The Gray Insurance Company and The Gray Casualty & Surety Company at meetings duly called and held on the 26th day of June, 2003.

"RESOLVED, that the President, Executive Vice President, any Vice President, or the Secretary be and each or any of them hereby is authorized to execute a power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings, and all contracts of surety, and that each or any of them is hereby authorized to attest to the execution of such Power of Attorney, and to attach the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be binding upon the Company now and in the future when so affixed with regard to any bond, undertaking or contract of surety to which it is attached.

IN WITNESS WHEREOF, The Gray Insurance Company and The Gray Casualty & Surety Company have caused their official seals to be hereinto affixed, and these presents to be signed by their authorized officers this 28th day of October, 2021.



By:

Michael T. Gray
President
The Gray Insurance Company

Cullen S. Piske
President
The Gray Casualty & Surety Company



State of Louisiana

ss:

Parish of Jefferson

On this 28th day of October, 2021, before me, a Notary Public, personally appeared Michael T. Gray, President of The Gray Insurance Company, and Cullen S. Piske, President of The Gray Casualty & Surety Company, personally known to me, being duly sworn, acknowledged that they signed the above Power of Attorney and affixed the seals of the companies as officers of, and acknowledged said instrument to be the voluntary act and deed, of their companies.



Leigh Anne Henican
Notary Public
Notary ID No. 92653
Orleans Parish, Louisiana

Leigh Anne Henican
Notary Public, Parish of Orleans State of Louisiana
My Commission is for Life

I, Mark S. Manguno, Secretary of The Gray Insurance Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this day of , .

I, Leigh Anne Henican, Secretary of The Gray Casualty & Surety Company, do hereby certify that the above and forgoing is a true and correct copy of a Power of Attorney given by the companies, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Company this day of , .



Non-Public Works Bid

AFFIDAVIT

STATE OF LA

PARISH/COUNTY OF Jefferson

BEFORE ME, the undersigned authority, personally came and appeared: _____

Wendy Chatelain, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Officer/Owner of Beacon A/C, Heating & Refrigerant, Inc. (Entity), the party who submitted a bid in response to Bid Number 50-00140679 to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A ✓

Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.


Choice B _____

there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B  _____ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Wendy Chatelain
Signature of Affiant

Wendy Chatelain
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 10 DAY OF FEBRUARY 2023

[Signature]
Notary Public

Kim J. Lord
Printed Name of Notary

58462
Notary/Bar Roll Number



My commission expires AT MY DEATH



February 1, 2023

To Whom It May Concern:

Below is a listing of Beacon Air Conditioning's contributions for Jefferson Parish campaigns:

<u>Campaign For</u>	<u>Check No.</u>	<u>Dated</u>	<u>Amount</u>
Dominick Impastato	34304	9/04/2019	\$200.00
Jennifer Van Vrancken	34301	8/30/2019	\$200.00
Cynthia Lee Sheng	Credit Card	11/29/2021	\$500.00

Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Regards,

Beacon Air Conditioning, Heating & Refrigeration, Inc.

Wendy Chatelain
Owner/Secretary-Treasurer



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/28/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Riverlands Insurance Services Inc. 492 West 5th Street LaPlace LA 70068		CONTACT NAME: Kattie Troxler, CISR, CIC PHONE (A/C, No, Ext): (985) 652-5505 E-MAIL ADDRESS: ktroxler@rivins.com FAX (A/C, No): (985) 652-4039	
INSURED Beacon Air Conditioning, Heating & Refrigeration, Inc. 315 E 3rd Street Kenner LA 70062		INSURER(S) AFFORDING COVERAGE INSURER A: Wesco Insurance Company INSURER B: Technology Insurance Co, Inc. INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 25011 42376	

COVERAGES

CERTIFICATE NUMBER: 22-23 Master

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	WPP1931637 01	10/29/2022	10/29/2023	EACH OCCURRENCE \$ 1,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000						
	MED EXP (Any one person) \$ 5,000						
	PERSONAL & ADV INJURY \$ 1,000,000						
	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	Y	Y	WUM1849930 02	10/29/2022	10/29/2023	EACH OCCURRENCE \$ 5,000,000
	AGGREGATE \$ 5,000,000						
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	TWC4156632	10/29/2022	10/29/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	E.L. EACH ACCIDENT \$ 1,000,000						
	E.L. DISEASE - EA EMPLOYEE \$ 1,000,000						
	E.L. DISEASE - POLICY LIMIT \$ 1,000,000						
A	Employee Benefits Liability			WPP1931637 01	10/29/2022	10/29/2023	Each Employee Limit \$1,000,000 Aggregate Limit \$2,000,000 Retro Date 08/15/2018

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The General Liability policy includes Blanket Additional Insured and Blanket Waiver of Subrogation as required by written contract. The Umbrella policy goes over the General Liability and Workers Compensation policies and is follow form.

CERTIFICATE HOLDER

CANCELLATION

The Jefferson Parish, its districts departments & agencies under the direction of the Parish
President & Parish Council

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Kattie B. Troxler

© 1988-2015 ACORD CORPORATION. All rights reserved.




CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/10/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER  Hylton Petit Jr 2705 Florida Avenue Kenner LA 700625416		CONTACT NAME: Hylton Petit Jr PHONE (A/C, No, Ext): 504-461-0171 FAX (A/C, No): E-MAIL: ADDRESS: INSURER(S) AFFORDING COVERAGE INSURER A : State Farm Mutual Automobile Insurance Company INSURER B : INSURER C : INSURER D : INSURER E : INSURER F : NAIC # 25178	
INSURED BEACON A/C, HEATING & REFRIGERATION INC 315 E 3RD ST KENNER LA 70062-7103			

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD INSD	SUB WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			370 6777-A09-18S	01/09/2023	07/09/2023	COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ 1000000 BODILY INJURY (Per accident) \$ 1000000 PROPERTY DAMAGE (Per accident) \$ 1000000 \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> \$ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

FOR VERIFICATION PURPOSES

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

This form was system-generated on January 10, 2023



DATE: February 28, 2023

TO: Jefferson Parish Department of General Services

JOB LOCATION: Jefferson Parish Correctional Center
100 Dolhonde Street
Gretna, LA 70053

RE: Bid # 50-00140679

To Whom It May Concern,

This is to advise that Beacon Air Conditioning, Heating & Refrigeration, Inc. will provide Manufacturer's warranty in accordance with bid specifications.

Beacon A/C, Heating & Refrigeration, Inc.


Wendy Chatelain
Owner/Secretary-Treasurer



Axiom Standard Efficiency Water Source Heat Pump

Unit Overview

WSHP Model	GEVG0604
Unit Configuration	Std eff vertical R-410A
Nominal Capacity	5 ton
Refrigerant Type	R-410a
Refrigerant Circuit	Heating & cooling
Return-Air Arrangement	Left
Supply-Air Arrangement	Top



Airflow and Fluid Information

Airflow Properties		Fluid Properties	
Design Airflow	1900 cfm	Fluid Type	Water
Filter Type	2" throwaway	Fluid Freeze Point	32.00 F
		Fluid Flow Rate	15.00 gpm
		Fluid PD	17.57 ft H2O

Electrical, Motor, and Fan Information

Electrical Information		Efficiency Information @ AHRI	
Unit Voltage	460/60/3	Cooling Efficiency Ratio	14.5 EER
External Static Pressure (ESP)	0.500 in H2O	Heating Efficiency Ratio	4.60 COP (kW/kW)
Total External SP	0.679 in H2O	Efficiency Information @ Design	
Total FLA	10.30 A	Cooling Efficiency Ratio	13.5 EER
Min Circuit Ampacity (MCA)	13.00 A	Heating Efficiency Ratio	4.51 COP (kW/kW)
Max Overload Protection (MOP)	20.00 A	Cooling Power	4.13 kW
Motor & Fan		Heating Power	4.96 kW
Motor Type	Variable ECM - Constant Torque		
Supply Motor HP	1.000 hp		

Coil Performance

	Main Cooling	Main Heating
Gross Capacity	57.90 MBh	74.10 MBh
Gross Sensible Capacity	50.00 MBh	
Net Capacity	55.61 MBh	76.39 MBh
Net Sensible Capacity	47.71 MBh	
Heat of Rejection/Absorption	69.70 MBh	59.46 MBh
Entering Fluid Temperature	86.00 F	68.00 F
Leaving Fluid Temperature	95.29 F	60.07 F
Entering Dry Bulb (EDB)	80.60 F	68.00 F
Leaving Dry Bulb (LDB)	57.67 F	104.71 F
Entering Wet Bulb (EWB)	66.20 F	
Leaving Wet Bulb (LWB)	56.74 F	

Hose Kit

Water In Diameter	1.000 in
-------------------	----------



Job Name: Jefferson Parish Correctional Center WSHPs
Prepared For:
Unit Tag WSHP-1, WSHP-1-1, WSHP-1-2, WSHP-1-3, WSHP-1-4, WSHP-1-5, WSHP-1-6, WSHP-1-7, WSHP-1-8, WSHP-1-9, WSHP-1-10
Quantity: 11

Controls

Control Types	Deluxe 24v controls
Fault Sensors	Condensate overflow sensor

Information for LEED Projects

ASHRAE 90.1/CSA compliance	Yes
Refrigerant Charge	4.8 lb
Actual Motor Power kW	0.67 kW

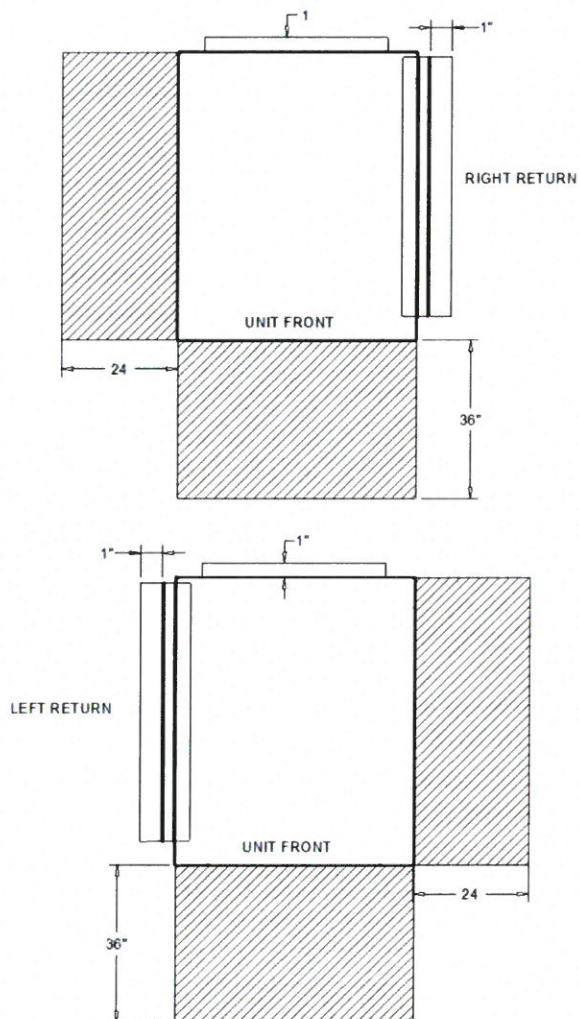


Job Name: Jefferson Parish Correctional Center WSHPs

Prepared For:

Unit Tag: WSHP-1, WSHP-1-1, WSHP-1-2, WSHP-1-3, WSHP-1-4, WSHP-1-5, WSHP-1-6, WSHP-1-7, WSHP-1-8, WSHP-1-9, WSHP-1-10

Quantity: 11



CLEARANCE - TOP VIEW

NOTE: THE 24" SIDE CLEARANCE IS FOR OPTIMAL ACCESS ONLY. SIDE CLEARANCE IS NOT A REQUIREMENT AS MOST COMPONENTS CAN BE ACCESSED FROM THE FRONT OF THE UNIT.

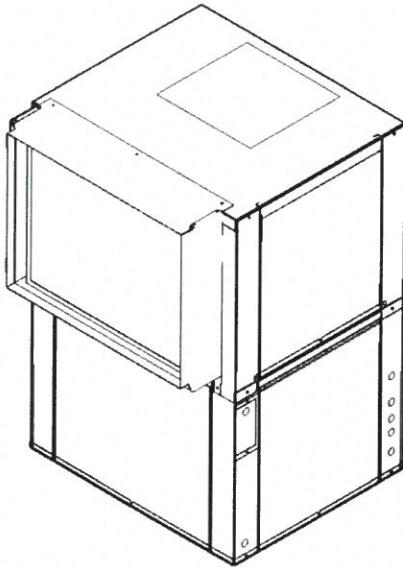


Job Name: Jefferson Parish Correctional Center WSHPs

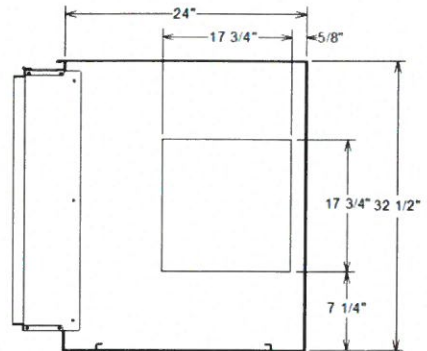
Prepared For:

Unit Tag WSHp-1, WSHp-1-1, WSHp-1-2, WSHp-1-3, WSHp-1-4, WSHp-1-5, WSHp-1-6, WSHp-1-7, WSHp-1-8, WSHp-1-9, WSHp-1-10

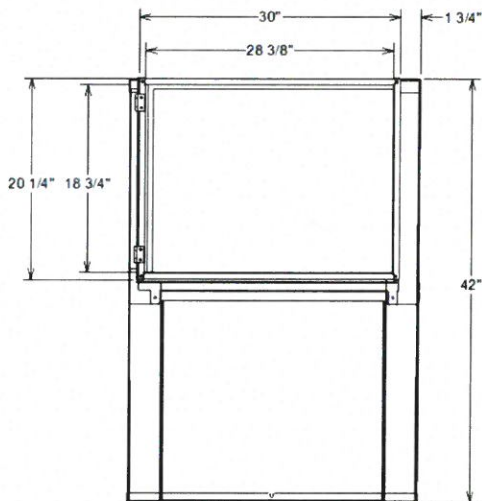
Quantity: 11



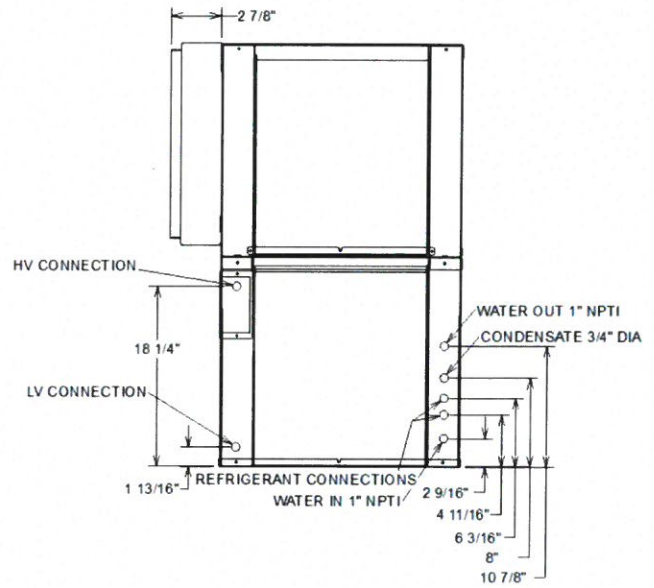
UNIT WEIGHT: 285.0 lb



TOP VIEW



LEFT VIEW

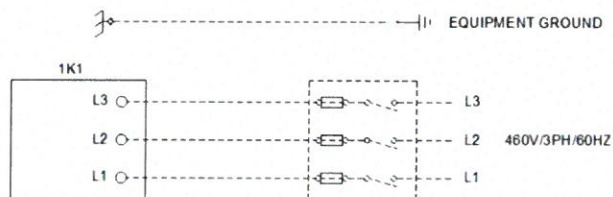


FRONT VIEW

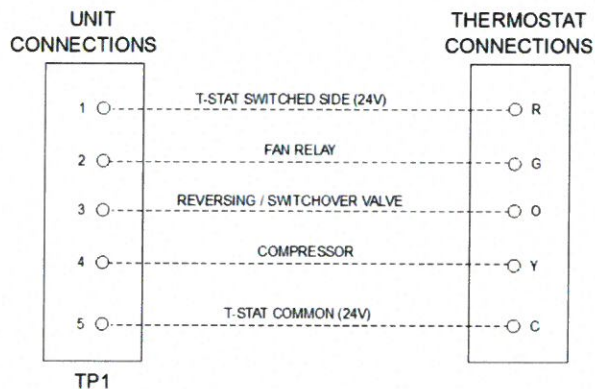


Job Name: Jefferson Parish Correctional Center WSHPs
Prepared For:
Unit Tag: WSHP-1, WSHP-1-1, WSHP-1-2, WSHP-1-3, WSHP-1-4, WSHP-1-5, WSHP-1-6, WSHP-1-7, WSHP-1-8, WSHP-1-9, WSHP-1-10
Quantity: 11

UNIT POWER WIRING 3 PHASE POWER SUPPLY



FIELD WIRING BELOW IS FOR THERMOSTAT CONNECTIONS



NOTES:

- DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY OTHERS. SOLID LINES INDICATE WIRING BY THE TRANE CO.
- ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE, AND LOCAL REQUIREMENTS.

WARNING	AVERTISSEMENT	ADVERTENCIA
HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED. STORED VOLTAGE UNITS WITH VARIABLE SPEED DRIVE REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.	TENSION DANGEREUSE! COUPER TOUTES LES TENSIONS ET OUVRIRE LES SECTIONNEURS A DISTANCE. PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS. NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVAINT ÊTRE MORTELLES.	¡VOLTAGE PELIGROSO! DESCONECTE TODA LA ENERGÍA ELÉCTRICA INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO PARA LAS UNIDADES CON VELOCIDAD VARIABLE. CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR. EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.



General

Equipment shall be completely assembled, piped, internally wired, fully charged with R-410A and test operated at the factory. Filters, thermostat field interface Terminal Plug (TP1), and all safety controls are furnished and factory installed. The system water inlet and outlet connections shall be female NPT composed of either copper or a bronze option. The equipment shall contain ETL-US-C, and AHRI-ISO 13256-1 listings and labels prior to leaving the factory. Service and caution area labels shall also be placed on the unit in their appropriate locations..

Unit casing

Panels shall be insulated with either 1/2-inch thick dual density bonded glass fiber, 1/2-inch thick foil faced glass fiber, or closed cell elastomeric foam. Foil faced insulation edges are encapsulated to prevent glass fibers from entering the airstream. The elastomeric foam is UL listed with a flammability rating of 5V. The glass fiber insulations have a flame spread of 25 or less and a smoke developed classification of 50 or less per ASTM E-84 and UL 723. The dual density insulation has a minimum rated service air velocity of 3600 feet per minute (FPM) and meets the erosion requirements of UL 181. Access for inspection and cleaning of the unit drain pan, coils and fan section shall be provided. The unit shall be installed for proper access. Procedures for proper access inspection and cleaning of the unit shall be included in the maintenance manual.

Sound attenuation package

Sound attenuation will be applied as a standard feature in the product design. The sound reduction package (1/2 through 5-ton equipment) will include vibration isolation to the compressor and water-to-refrigerant coil, unit base stiffeners, and a second stage of vibration isolation to the compressor and water-to-refrigerant base pan.

The unit shall be tested and rated in accordance with AHRI 260.

Compressor - 5 Ton and under

The unit shall contain a high efficiency rotary or scroll compressor. External vibration isolation shall be provided by rubber mounting devices located underneath the mounting base of the compressor. A second isolation of the refrigeration assembly shall be supported under the compressor mounting base. Internal thermal overload protection shall be provided. Protection against excessive discharge pressure shall be provided by means of a high pressure switch. Protection against a loss of charge shall be provided by a low pressure safety.

Air-to-refrigerant coil

The air-to-refrigerant coil shall consist of copper tubes mechanically bonded into evenly spaced aluminum fins. All coils shall be leak tested to 450 psig and pressure tested to 650 psig at the factory to ensure the pressure integrity. The tubes are to be completely evacuated of air and correctly charged with proper volume of refrigerant prior to shipment.

The refrigerant coil distributor assembly shall be of orifice style with round copper distributor tubes. The tubes shall be sized consistently with the capacity of the coil. Suction headers shall be fabricated from rounded copper pipe.

A thermostatic expansion valve shall be factory selected and installed for a wide range of control.



Water-to-refrigerant system - Copper heat exchanger

Heat Exchanger - The water-to-refrigerant heat exchanger is of a high quality coaxial coil for maximum heat transfer. The copper coil is deeply fluted to enhance heat transfer and minimize fouling and scaling. The coil has a working pressure of 400 psig on the water side and 650 psig on the refrigerant side. The factory shall provide rubber isolation to the heat exchanging device to enhance sound attenuation.

Reversing Valve - The reversing valve is a pilot operating sliding piston type with replaceable encapsulated magnetic coil. This valve is energized in cooling.

Tubing - The refrigerant tubing shall be of 99% pure copper. The system shall be free from contaminants and conditions such as drilling fragments, dirt and oil. All water lines that are located in the indoor air stream shall be insulated with 3/8 inch thick elastomeric insulation. The refrigerant lines that are located in the indoor air stream that are not directly over the drain pan area shall be insulated with 3/8 inch thick elastomeric insulation.

Electrical

The unit control box shall contain all necessary devices to allow heating and cooling operation to occur from a remote wall thermostat. These devices shall be as follows:

- 24 VAC energy limiting class II 75 VA (minimum) transformer

- 24 VAC blower motor relay

- 24 VAC compressor contactor for compressor control

- Field thermostat connections shall be provided for ease of hook-up to a Terminal Plug (TP1) located in the unit's control box

- Lockout circuit which controls cycling of the compressor shall be provided to protect the compressor during adverse operating conditions. The device may be reset by momentarily interrupting power to the 24 VAC control circuit. For units with the UC400B, if there is a fan/system switch on the sensor module, placing it in the ?OFF? position will reset the latched diagnostics.

Deluxe controller

The deluxe control package provides a 75 VA transformer. The controller includes a lockout relay, anti-short cycle compressor protection, random start delay, brown-out protection, time delay, general alarm, compressor delay on start and an open relay for pump request. Optional wiring from the factory for condensate overflow, hot gas reheat, electric heat and compressor enable is provided. Three LED (light emitting diodes) are included for diagnostics of the equipment.

Polymer Drain Pan

The polymer drain pan shall be constructed of a robust polymer material complying with UL94-5V flammability requirements. The bottom of the drain pan shall be sloped on two planes which pitches the condensate to the drain connection, this positively sloped drain pan complies with ASHRAE 62 for IAQ conformity.

Motor/Fan

The motor shall be an ECM variable speed motor with thermal overload protection. The ECM motor is programmed to provide soft starting and a constant torque over a range of static pressures and airflows. For the Deluxe Basic control options, an ECM control board is provided that allows easy field adjustment to manually set the fan speed to meet the specific application. For the UC400b, Tracer TU must be used to set the fan speed.

The fans shall be placed in a draw-through configuration and shall be a centrifugal, direct drive type. They are constructed of corrosion resistant galvanized material. Removal of the motor and fan wheel shall be made possible utilizing the factory provided orifice ring.



2" Disposable panel filter

A 2" disposable panel filter shall be provided with the unit. The filters shall be classified per UL Standard 900 for flammability. The filter shall have an initial resistance of 0.9" W.G. or less at 300 FPM. The filter shall have a final resistance of 0.5" W.G.

Thermostatic expansion valve

The equipment is provided with a bidirectional thermal expansion valve. This device allows operation of the equipment in the range of 25 to 110 degrees F entering fluid temperatures and 55 to 85 degrees F entering air temperatures. The equipment operates with one variable (entering water temperature, entering air temperature, cfm or gpm) at an extreme condition. All other variables must be within the nominal range of operation.

Matte Insulation - Vertical 0.5 - 5 ton

Panels shall be insulated with ½-inch thick dual density bonded glass fiber. Corner posts are insulated with closed cell elastomeric foam. The exposed side of the dual density fiberglass is a high density erosion proof material suitable for use in air streams up to 3600 feet per minute (FPM) and meets the erosion requirements of UL 181. It has a flame spread of less than 25 and a smoke developed classification of less than 50 per ASTM E-84 and UL 723. The elastomeric foam is UL listed with a flammability rating of UL 94-5V.

Standard sound attenuation package

Sound attenuation will be applied as a standard feature in the product design. The sound reduction package will include vibration isolation to the compressor and water-to-refrigerant coil, unit base stiffeners, and a second stage of vibration isolation to the compressor and water-to-refrigerant base pan.

The unit shall be tested and rated in accordance with AHRI 260.

Single point power connection

Single point power connection allows a convenient location to bring in the power supply to the unit. The one single power source will power the entire unit including the controls, compressor, blower motor and all installed options.

Ducted filter rack

The ducted filter rack shall be factory mounted for the use of 1 or 2 inch filters and shall provide easy access to the filters from the side of the filter rack through a door that does not require a tool. Duct collars will be built into the filter rack to provide an easy means to connect the duct work to the unit.