

ADDENDUM No. 1

RFP No. 22-23

Justice Center HVAC Condenser Replacement

Due: March 31, 2022 at 10:00 A.M. (local time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any) and is appended thereto. **This Addendum includes eleven (11) pages.**

The Proposer is to acknowledge receipt of this Addendum No. 1, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.

The following forms provided within the RFP Document should be included in submitted proposal:

- **Attachment D - Prevailing Wage Declaration of Compliance**
- **Attachment E - Living Wage Declaration of Compliance**
- **Attachment G - Vendor Conflict of Interest Disclosure Form**
- **Attachment H - Non-Discrimination Declaration of Compliance**

Proposals that fail to provide these completed forms listed above upon proposal opening may be rejected as non-responsive and may not be considered for award.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the RFP documents which are outlined below are referenced to a page or Section in which they appear conspicuously. Offerors are to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)

Change

Page 14

Section III.C.4

Remove the following as provided in RFP No. 22-23 Document:

Documentation of how the bidder assesses the skills and qualifications of any employees who do not have master or journeyman certification or status, or are not participants in a Registered Apprenticeship Program.

Comment: The intent with this change is to simply remove the 4th criteria for Section III.C – Workforce Development that was erroneously included in the originally published RFP Document.

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the

documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: Since the condensing unit is being pre-purchased by the Owner, can you provide the cost of the condensing unit – as an installing contractor, we would be required to pay the use tax on this equipment?

Answer 1: The cost of the condensing unit is \$56,500.00.

Question 2: Please provide any submittals/shop drawings of the pre-purchased condenser unit showing weight of unit, piping diagrams, and wiring diagrams?

Answer 2: See attached Technical data sheets and the quote from Thermalnetics for the ACCU.

Question 3: Will the City provide the sign-in sheet from the Pre-Proposal Meeting?

Answer 3: Yes, the sign-in sheet and agenda from the pre-proposal meeting are attached hereto.

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.

Technical Data Sheet for ACCU-1

Job Information	Technical Data Sheet
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Job Name	City of Ann Arbor
Date	1/19/2022
Submitted By	Rick Gates
Software Version	08.40
Unit Tag	ACCU-1



Unit Overview

Model Number	Voltage V/Hz/Phase	Total Refrigeration Effect Btu/hr	Total Unit Power kW	EER AHRI Conditions	IEER AHRI Conditions	ASHRAE 90.1
RCS075C	460/60/3	903440	92.6	9.8	-	-

Unit

Model Number: RCS075C

Type: Applied

Approval: ETL - USA

Refrigerant Type:

R407C

No. of Refrigerant Circuits

2

Refrigerant Weight

55.0 lb

Condensing Section

Temperature		Altitude	Refrigeration Effect	Power
Suction	Ambient			
45.0 °F	95.0 °F	0 ft	903440 Btu/hr	92.6 kW

Compressor

Quantity	Type	Capacity Control	Compressor Isolation
6	Scroll	6 steps	Resilient

Full Load Current:

Compressor 1	23.4 A
Compressor 2	23.4 A
Compressor 3	23.4 A
Compressor 4	23.4 A
Compressor 5	23.4 A
Compressor 6	23.4 A

Condenser

Type	Coil		Fans Condenser Fan Type	Fan Motors	
	Number of Rows	Fins per Inch		Quantity	Full Load Current
Copper tube	2	16	Standard	8	2.80 A

Sound

Casing Radiated Sound Power (db)

63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
0	97	94	94	91	89	88	86

Technical Data Sheet for ACCU-1

Physical

Dimensions and Weight			
Length	Height	Width	Operating Weight
119.0 in	73.0 in	99.0 in	3938 lb
Connections			
Connection	Connection Sizes		
Suction Line Circuit	(2) 2.12 in.		
Liquid Line Circuit	(2) 0.88 in.		
Hot Gas Bypass Circuit	(2) 0.88 in.		

Electrical

Voltage	MROPD	Field Power Connection	MCA	SCCR	Field Outlet Connection
460/60/3 V/Hz/Phase	175 A	Single power block	169.9 A	10 kAIC	115V, 20 amp service
Note:	Use only copper supply wires with ampacity based on 75° C conductor rating. Connections to terminals must be made with copper lugs and copper wire.				

Options

Unit	
Hot Gas Bypass:	HGBP Tee (See Accessory Tab)
Condenser Coil Options:	Aluminum fins
Electrical	
Electrical Options:	Phase failure, Ground fault protection
Field Connection	Single power block
Wiring Options	Standard
GFI Receptacle	Field powered
Unit Control	
Temperature Controls:	No temp control, 115 V transformer
Low Ambient Control:	Speedtrol, Low ambient control to 0 degrees F

Warranty

Parts:	Standard one year parts
Compressor:	Extended four year compressor, five year total

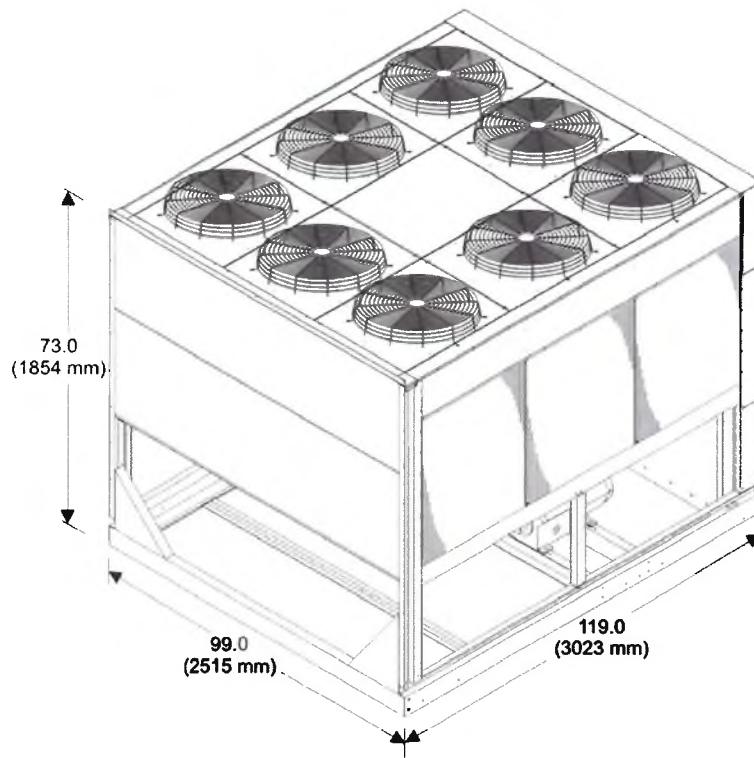
Notes


R407C selections are not compliant with current ASHRAE 90.1 minimum EER requirements

Accessories

Optional	
Part Number	Description
403581520	HGBP kit, Circuit 1 and 2
403581525	Liquid line piping kit, replaceable core, 070C-075

RCS075C_Drawing for ACCU-1



Product Drawing	Unit Tag: ACCU-1			 13600 Industrial Park Blvd. Minneapolis, MN 55441 www.DaikinApplied.com Software Version: 08.40		
Product:	Project Name: City of Ann Arbor					
Model: RCS075C	Sales Office: Thermal-Netics, Inc.			Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in [mm]
Sales Engineer:	Jan. 19, 2022	Ver/Rev:	Sheet 1 of 1	No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.		

Job Number: QHQTQI

Job Name: City of Ann Arbor

Page

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Prepared Date:

1/19/2022

www.DaikinApplied.com

RCS Condensing Unit C-Vintage Liquid Line Replaceable Filter Kit



Liquid Line Kit with Replaceable Core

Part Number	
RCS025-040C	403581543
RCS050-060C	403581510
RCS070-075C	403581525
RCS080-090C	403581578
RCS105-135C	403581543

Description

The liquid line kit will consist of a solenoid valve, moisture indicator sight glass, and filter drier. Dual circuit units (RCS025-135C) will have a quantity of two for the components since there are two circuits.

Note: TX valves are not included and will need to be field sourced.

Included





Sight glass	
Filter drier shell	
Filter drier core	
Solenoid valve	

Image courtesy of Sporlan Division – Parker Hannifin Corporation

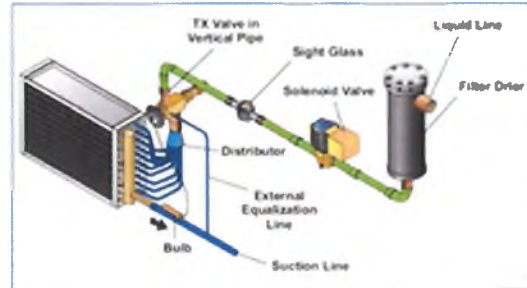


Image courtesy of Sporlan Division – Parker Hannifin Corporation

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CSD-00120-00 (Apr-18)
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ACCU-1

RCS Condensing Unit C-Vintage Liquid Line Sealed Kit



Sealed Liquid Line Kit

Part Number	
RCS025-030C	403581503
RCS040C	403581505
RCS050-060C	403581506
RCS070-075C	403581521
RCS080-090C	403581522
RCS105-135C	403581524

Description

The liquid line kit consists of a solenoid valve, moisture indicator sight glass, and filter drier. Dual circuit units (RCS025-135C) will have a quantity of two for the components since there are two circuits. TX valves are not included and must be field sourced.

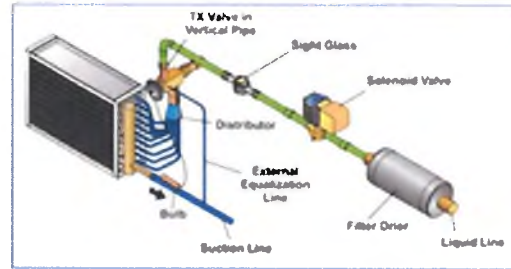


Image courtesy of Sporlan Division – Parker Hannifin Corporation

Included

Sight glass	
Solenoid valve	
Solid core filter drier	

Images courtesy of Sporlan Division – Parker Hannifin Corporation

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ACCU-1



THERMALNETICS

Innovative HVAC Solutions

Date: January 21, 2022

To: Interested Contractors

Subject: City of Ann Arbor Air Cooled Condensing Unit Replacement
ThermalNetics Offering
Quote#: V0023JHS

Terms & Conditions: F.O.B. Factory, Payment Net 30 Days, Freight Allowed/Prepaid to First Destination, No Taxes Included. In The Event They Were Not Transmitted With This Proposal, ThermalNetics, Incorporated Standard Terms And Conditions Are Applicable. If You Have Any Questions, Please Contact Our Office. Pricing is Valid for 30 Days. Separate Purchase Orders may be required.

Mark: ACCU-1

Qty: 1

Qty (1) Daikin Applied Air Cooled Condensing Unit complete with the following:

- 460/3/60 Voltage
- R407C Refrigerant
- Single power block power connection
- Phase failure & ground fault protection
- GFI convenience outlet factory installed – To be field wired by others
- 115V transformer factory installed
- Dual circuit
- Low ambient operation down to 0 degrees Fahrenheit
- Refrigeration system details
 - Refrigerant not included
 - Refrigerant piping, installation not included
 - TXV's not included
 - Hot gas bypass kit for both circuits ships loose for field installation
 - replaceable Filter core ships loose for field installation
- All Controls, etc. by TCC, Controls not included
- Condensing unit rails to be provided by others

Please note the following

- The Existing RPS unit
 - Has Micro Tech II controls. These will need to be replaced along with the DDC controller. The Microtech II is no longer supported with parts or upgrades.
 - The new Condensing unit will need to be piped into place (not included).
 - Suggest flushing existing coil, and replacing refrigerant specialties.
- One (1) year parts & five (5) year compressor parts only warranties (begins at startup)
- Daikin Startup is included,
 - but only after;
 - The system has piped, leakchecked and been evacuated to 500 microns for 24 hrs
 - The refrigerant charged into system (by installing contractor).
 - The controls are installed and operational

- **1st year Labor warranty is included (begins at startup)**
- **Storage costs NOT included.**
 - **Unloading, loading and storage not included**
- **Freight included to single destination.**
- **Commissioning not included**
- **Installation by others**

The Price, F.O.B. Factory (FOB Jobsite Not Included), Freight Allowed & Prepaid, for equipment and services described above shall be..... **\$ 56,500.00.**(Tax Not Included)

Note: Please add 6% State of Michigan sales taxes which are NOT included in the above price.

If applicable, add 6% State of Michigan sales and use taxes, which are NOT included in the above price.
ADD:.....\$3,390.00 for 6% MI State sales taxes.

Please Note:

COVID-19 NATIONAL EMERGENCY AND GLOBAL SUPPLY CHAIN MANAGEMENT CHALLENGE CLAUSE: The parties agree that they are entering into this Agreement while the nation is in the midst of a national emergency due to the Covid-19 pandemic (“Covid-19”) and global supply chain management challenge (“Supply Chain Management Challenge”). With the continued existence of Covid-19 and the evolving guidelines and executive orders, it is difficult to determine the impact of the Covid-19 and Supply Chain Management Challenge on ThermalNetics and its Sub-contractors / Suppliers performance under this Agreement. Consequently, the parties agree as follows:

- i. Each party shall use commercially reasonable efforts to perform its obligations under the Agreement and to meet the schedule and completion dates, subject to provisions below;
- ii. Each party will abide by any federal, state (US), provincial (Canada) or local orders, directives, or advisories regarding the Covid-19 with respect to its performance of its obligations under this Agreement and each shall have the sole discretion in determining the appropriate and responsible actions such party shall undertake to so abide or to safeguard its employees, subcontractors, agents and suppliers;
- iii. Each party shall use commercially reasonable efforts to keep the other party informed of pertinent updates or developments regarding its obligations as the Covid-19 and Supply Chain Management Challenge situation evolves; and
- iv. If ThermalNetics and/or its Sub-contractors / Suppliers performance is delayed or suspended as a result of the Covid-19 or Supply Chain Management Challenge, ThermalNetics and its Sub-Contractors / Suppliers shall be entitled to an equitable adjustment to the project schedule and/or the contract price. ThermalNetics and its Suppliers are not responsible for back charges and will not accept liquidated damages due to Covid-19 or Supply Chain Management Challenge.

PRICING IS VALID FOR 30 DAYS.

Please call me if you have any questions regarding this offer, or if I can be of any other assistance at (248) 276-3300.

Sincerely,
 Sales Engineer

Pre-Proposal Meeting
RFP 22-23 – Justice Center HVAC
Condenser Replacement Project

1. Introductions
 - Matt Kulhanek – Fleet & Facility Manager
 - Lynn Crum – Facilities Manager
 - Architect – Core Design Group
2. Sign-in Sheet
3. Brief Project Summary
4. Project Timeline
 - a) Questions Due – March 22, 2022 by 10:00 AM
 - b) Addendum Issued – March 24, 2022
 - c) Proposal Opening – March 31, 2022 at 10:00 AM
 - d) Selection/Negotiations – early April, 2022
 - e) City Council Approval (if required) – April 18, 2022
 - f) Notice to Proceed – May 1, 2022
 - g) Project Completion – Functional cooling by June 3rd (or 21 days after delivery of the ACCU) and substantial completion July 1st (or 49 days after delivery of the ACCU).
5. Other Items – Owner Supplied ACCU – coordination, handling, storage, unloading, use tax
 - DDC Control System – RTU & ACCU, Automated Logic Great Lakes
 - Preparatory Work (before ACCU delivery)
 - Crane Lift(s) – weekend work
 - Permits (regular and street/sidewalk closure)
 - Parking/Dumpster/Bldg Access/Restrooms/Safety Plan
 - Work Hours – 7a-8p M-F (others available with prior approval from Owner)
 - Liquidated Damages - \$500 per day (starting no earlier than July 1, 2022 or 49 calendar days after delivery of ACCU)
6. RFP Specifications (front ends)
 - PW/LW/Non-Discrimination/Conflict of Interest Forms, Bid Security, Bonds
 - Proposal Evaluation Process (RFP Section III) – qualification-based process
7. RFP Specifications (technical specs and drawings)
8. Questions
9. Walkthrough