

Date:

7/8/2025



Region:

4A

FEMS No.:

3190278

FAC ID:

NY126

Maximo WO No.:

19489

Asset #:

NA

Priority:

Emergency

Original Work Request:

Repair A/C Condensing Unit. The alarms listed below cause the chiller to shut down. If issues are not addressed the condensing will not run at all.

+C1 Evaporator Pressure Low

+C2 Off Motor Protect

Description of Repairs Needed:

Labor and material to a.) McQuay Chiller M#AGZ090DHHNN-ERIO, S#STNU120100063. Circuit #1-Low charge-no obvious leaks. Charged circuit with 50lbs of 410A refrigerant. 125/400, SH=20oF, SC=10oF, Sightglass full. Circuit #2-Both compressors had bad motor protectors. Picked up new motor protectos and instaled. Unit tripped 15amp control fuse after new motor protectors installed. Tried out all control wiring on FU6A fuse and found a bad compressor #2 contactor. Disabled contactor and unit is now running at 75% spare fuses left on site. Note: Leak check will require shutting the unit down, due to air flow from fans. - *Additional repairs; Chiller contactor and Leak check*. Shut down chiller; Perform leak test on circuit 1; Document location of leak and repair if possible (if major component will quote part replacement); Remove defective contactor for Compressor 2; Supply and install new 65-amp, 110v coile, contactor; Start and verify operation.

Labor:

	Labor Hrs	Labor Rate	Total
Service Technician (Emergency 16 hrs + 8 hrs additional repair)	24	\$ 119.50	\$ 2,868.00
Truck Charge (Emergency 2 + 1 additional repair)	3	\$ 55.00	\$ 165.00
Service Call LOL	1	\$ (198.00)	\$ (198.00)

Material List:

	Quantity	Cost	Total
Moter Protectors 071-0684-01	2	\$ 311.02	\$ 622.04
Refrigerant R410A	50	\$ 21.04	\$ 1,052.19
Fuses FNM-15	10	\$ 27.28	\$ 272.81
Breaker 15 amp	1	\$ 26.03	\$ 26.03
Contactor 193426823	1	\$ 454.00	\$ 454.00

Equipment List:

	Quantity	Cost	Total
			\$ -
			\$ -
			\$ -

PM WO History:

NA

Estimate Summary:

Labor	Material	Equipment
\$ 2,835.00	\$ 2,427.07	\$0.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$5,262.07	\$631.45	\$315.72	\$6,209.24

SERVICE WORK ORDER

JOB NAME: CHILI ARMY
 ADDRESS: JETVIEW DR
CHILI, NY
 DATE: JUNE 23RD - 24TH, 2025
 JOB #: 3505
 CUST. PO#:
 CALL TYPE: T&M ☐ QUOTE ☐ PM ☐



7311 Ward Road ∞ North Tonawanda, NY 14120
 Phone: 716.695.3600 ∞ Fax: 716.695.3700

DESCRIPTION OF WORK: MCCOY CHILLER M#AG2090DHNN-ER10, S#STNU120100063.

Circuit#1-Low charge-No obvious leaks. Charged circuit with 50 LBS of R410A refrigerant. 125/400, SH=20°F, SC=10°F, Sightglass full.

Circuit#2-Both compressors had bad motor protectors. Picked up new motor protectors and installed. Unit tripped 15amp control fuse after new motor protectors installed. Traced out all control wiring on FUBA fuse and found a bad Compressor#2 Contactor. Disabled contactor and unit is now running at 75% Spare fuses and left on site.

NOTE: Leak check will require shutting the unit down, do to air flow from fans.

CODES: TRUCK STOCK (T) SHOP STOCK (S) CUSTOMER (C)

QTY.	CODE/PO#	PART NO.	MATERIAL DESC.	UNIT PRICE	AMOUNT
2	DF6023	071-0684-01	MOTOR PROTECTORS		622 04
1	DF6023	R410A	25 LBS REFRIGERANT		508 14
1	DF6024	R410A	25 LBS REFRIGERANT		544 05
2	DAUSCC	FNM-15	2 PACK OF FUSES		124 95
3	DAUSCC	FNM-15	2 PACK OF FUSES		147 86
1	DAUSCC	15 Amp	Breaker		26 03
DATE	HOURS	ST ∞ OT ∞ DT	SERVICE TECHNICIAN		
6-23-25	8	ST	DAN FLYNN	119 50	956 00
6-24-25	8	ST	DAN FLYNN	119 50	956 00

☒ COMPLETE
☐ INCOMPLETE

*SERVICE CHARGE

SUB TOTAL

TAX

TOTAL

2055 00	110 00
	3995 07
	-
	3995 07

CUSTOMER SIGNATURE

Nemat Chanthana

*Service charge covers expense of truck, tools, and sundries.



GREATER NIAGARA MECHANICAL, INCORPORATED

7311 WARD ROAD ∞ NORTH TONAWANDA, NEW YORK 14120

PHONE 716.695.3600 ∞ FAX 716.695.3700

July 8, 2025

Quote 25-252

Tidewater Inc.
6625 Selnick Drive, Ste A.
Elkridge, MD 21075

RE: CHILI (NY 126) CHILLER CONTACTOR AND LEAK CHECK

We, at Greater Niagara Mechanical, Inc., are pleased to offer the following scope of work and pricing for your review:

Scope:

- Shut down chiller
- Perform leak test on circuit 1
- Document location of leak and repair if possible (if major component will quote part replacement)
- Remove defective contactor for Compressor 2
- Supply and install new 65-amp, 110 v coil, contactor
- Start and verify operation

Labor/Truck.....\$1,011.00 (8 hours @ \$119.50hr) (1 truck charge @ \$55.00)
Contactor (193426823)\$454.00
Total Cost.....\$1,465.00

HVAC Exclusions

- Shift or premium time
- Tax
- Anything not covered in above scope

Thank you for the opportunity to quote the above-mentioned project! Please feel free to contact us with any questions.

Sincerely,

Christopher Sembert
Greater Niagara Mechanical