

Region: 5

Location: VA099

CSS #: 288

Maximo Work Order No.: 17333

Asset #: NA

Date Issued: 6/3/22

Original Description: The Mini Split in room 109 is leaking oil and not maintaining temp

Labor and Matierals to Recover refrigerant. Pressure test system to ensure that there are no additional leaks. Pull vacuum to proper levels. Recharge with refrigerant. Start, test and ensure proper operation of the system.

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
		Materials (See Attached for Details)		\$ 4,169.48			\$4,169.48
		Labor Cost (Moores)	17.25	\$120.00			\$2,070.00
--	NA	TWI Coordination	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
21.25	\$2,390.00	\$4,169.48	\$0.00	\$6,559.48	106%	\$6,953.05



P.O. Box 119 • Altavista, VA 24517 • 24 Hour Service: 800.789.7199 • Fax: 888.722.2712 • MooresElectric.com

Proposal

June 3, 2022

Quotes are valid for 30 days.

USARC - VA099 1117 Harmony Lane Bedford Bedford, VA 24523 Email	Contact Name Telephone Cell Phone adam.colopy@tideh2o.net & Mary.Lowery@	Mary Lowery & Adam Colopy 0.00 614-623-9569 0.00
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DESCRIPTION OF EQUIPMENT:

PHONE ROOM UNIT #2
MITSUBISHI MODEL PUZ-A24NHA4,
S/N 2YU03463A
W/0#17333

DESCRIPTION OF PROBLEM:

Our technician Tyson Bell arrived on site checked in with Donald and began troubleshooting unit. He found that the unit is low on charge he looked around for a leak and found signs of oil in the evap section. We will be quoting to perform a leak search and repair on the unit.

DESCRIPTION OF REPAIRS:

Recover refrigerant. Pressure test system to ensure that there are no additional leaks. Pull vacuum to proper levels. Recharge with refrigerant. Start, test, and ensure proper operation of the system.

NOTE: This leak search and repair only includes minor brazing and/or tightening of mechanical fittings. Any major parts needed will have to be submitted under a separate proposal for your approval.

QUOTE ON A QUOTE

While onsite performing the approved quoted work listed above, our technician Tyson Bell found the leak in the flare fitting. He charged the system to 370 PSI with nitrogen and it held. Tech pulled a vacuum to 500 microns and charged the unit up. After doing so he found that due to the unit running so long with no refrigerant it has cause the compressor to lock up we will be submitting a quote for a new compressor.

Recover refrigerant. Remove and install new compressor. Pressure test system to ensure that there are no leaks. Pull vacuum to proper levels. Recharge with refrigerant. Start, test, and ensure proper operation of system. Dispose of the old compressor.

Customer is responsible for any and all restocking charges that apply should the quote be cancelled after Moore's has received approval.

We have made every effort to determine the extent of the repairs needed; however, we will not be able to determine if there is acid in the system until we remove the old compressor. If it is determined that there is acid in the system, we will have to propose the acid clean up on a separate proposal. Also with the compressor being down, once the compressor is brought online, there may be other repairs needed. Those additional repairs will be submitted for your approval separately.

Note: Compressor has a 7 to 10 day leadtime.

MATERIAL, EQUIP OR PARTS

	Quantity	Sell price
Torch, Nitrogen, Vacuum, Recovery (Incurred)	1.00	\$ 195.00
R410A Refrigerant (Incurred)	7.00	\$ 140.00
Torch, Nitrogen, Vacuum, Recovery	1.00	\$ 195.00
Compressor	1.00	\$ 3,168.48
Shipping	1.00	\$ 174.00
Fuel Surcharge Fee	1.00	\$ 20.00
Fuel Surcharge Fee (Incurred)	2.00	\$ 40.00
Trip Charge (Incurred)	2.00	\$ 110.00
Trip Charge	1.00	\$ 55.00
Material Total	\$	4,169.48

LABOR ITEMIZED

		Labor
Labor - Incurred	9.25	\$ 120.00 \$ 1,110.00
Labor - One Man	8	\$ 120.00 \$ 960.00
Labor - Second Man	0	\$ 120.00 \$ -
Labor Total		\$ 2,070.00

Thank you for your business. If you have any questions or concerns, please feel free to contact us via telephone or quotes@mooreselectric.com

Materials	\$	4,169.48
Labor	\$	2,070.00
TOTAL	\$	6,239.48

Robert Lowery, Changeout Estimator 434-309-2591
Sabrina Taylor, Estimator 434-309-2563
James Davis, Estimator 434-309-2568
Marvin Slaughter, Estimator 434-369-3514
Jared Underwood, Estimator 434-306-2446

Approved by: _____

In consideration of Moore's Electrical & Mechanical extending credit to the above applicant, the undersigned hereby guarantees unconditionally and irrevocably. The compliance of all terms of the application and agreement, including the payment of any sums within the net terms agreed upon between the customer and Moore's, plus any additional costs such as a 1.5% monthly interest charge starting once an invoice becomes 30 days past due, service charges, legal fees and any means taken in order to collect debt. If it is deemed necessary to litigate, it is agreed that the County or District Court of Campbell County, Virginia shall be the venue of any suit. This guarantee shall remain in full force unless and until notice in writing is sent certified mail and received by Moore's Electrical & Mechanical. Said notice cannot be within 14 days of this signed agreement.

Trane U.S. Inc.
 LYNCHBURG PARTS SUPPLY
 115 BRADLEY DRIVE
 LYNCHBURG, VA 24501
 USA
 PH: 434-528-6364
 Lynchburg@tranesupply.com

Order Number	
17614489	
Order Date	Page
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Quote Expires On 7/3/2022

Prepared For:

MOORES ELECTRIC & MECH CONSTR INC
 PO BOX 119
 ALTAVISTA, VA 24517
 USA

4343694374

Ship To:

MOORES ELECTRIC & MECH CONSTR INC
 101 Edgewood Ave
 Altavista, VA 24517-1051
 USA

Requested By: Mr. JAMES DAVIS, 434-309-2568

P21 ID: 1026760
Payment Terms: N30

Internal Account: 2000385
Customer No: 94020

National Account ID:

PO Number	Ship Route	Quoted By:
USARC VA099		Kevin Gould

Unit Info: Make / Model / Serial

PUZ-A24NHA4 2YU03463A

Quantities					Item ID	Item Description	Pricing	Unit	Extended
Ordered	Allocated	Remaining	UOM	Unit Size			UOM	Price	Price
1	0	1	EA		T92271617		EA	2,640.40	2,640.40

Non-Returnable 1.0 0.00 COMPRESSOR TNB220FLDM
 COMPRESSOR TNB220FLDM

1 0 1 EA FREIGHT EA 145.00 145.00
 Non-Returnable 1.0 0.00 FREIGHT & HANDLING 1.0 N N

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Quote Expires On 7/3/2022

<i>Total Lines:</i> 2	SUB-TOTAL	2,785.40
	VIRGINIA TAX	113.54
	LYNCHBURG (IND CITY) TAX	0.00
	LYNCHBURG TAX	26.40
	QUOTE TOTAL	2,925.34
	<i>U.S. Dollars</i>	

This is a quote, not an invoice. Prices quoted are valid for 30 days from the date issued unless otherwise indicated, with the exceptions of commodity and equipment pricing which are subject to change by Trane Supply without notice. Pricing for undelivered commodity and equipment orders older than 30 days are subject to change by Trane Supply to reflect current pricing at time of delivery. Tax is an estimate and is subject to changes in shipping address and applicable tax rates.

Shipping and Handling charges will be applied if necessary at the time of the order. Quoted items are subject to availability and are not guaranteed to be in stock. Returned parts may be subject to restocking fees and special order parts may not be returnable.

All purchases are subject to Trane Parts and Supplies terms of sale, www.trane.com/PartsTermsOfSale