

**Region:** 5

**Location:** VA050

**CSS #:** 32950

**Maximo Work Order No.:** 15137

**Asset #:** NA

**Date Issued:** 12/6/21

**Original Description:** Hot water unit asset 2349 "unit heater, water" needs quote to replace due to age.

**Repairs Needed:**

Moore's proposes to remove and install a new Modine hanging steam heater of equal size and capacity. Moores will connect to the existing electrical circuit, control and water lines with new fittings. Start, test, and ensure proper operation.

**RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):**

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
--	NA	Materials (see attached detail)	--	--	\$2,486.00	--	\$2,486.00
--	NA	Moore's Labor (includes diagnostic - labor incurred \$120/hr x 3)	23	\$120.00	--	--	\$2,760.00
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
27	\$3,080.00	\$2,486.00		\$5,566.00	100%	<b>\$5,566.00</b>



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

## Proposal

December 3, 2021

Quotes are valid for 30 days.

USARC - VA050  
6002 Strathmore Rd.  
North Chesterfield, VA  
Email

Contact Name Mary Lowery & Adam Colopy  
Telephone  
Cell Phone 614-623-9569  
Fax Number

[adam.colopy@tideh2o.net](mailto:adam.colopy@tideh2o.net) & [Mary.Lowery@](mailto:Mary.Lowery@)

### DESCRIPTION OF EQUIPMENT:

**Boiler Room - Stream Heater (1986 unit)**  
Trane M# UHSA-060S-8C-AAC S# D86K00606

### DESCRIPTION OF PROBLEM:

Customer requested a replacement proposal.

### DESCRIPTION OF REPAIRS:

Moore's will remove and install a **new Modine hanging steam heater of equal size and capacity**. This includes connecting to the existing electrical circuit, controls and water lines with new fittings. Start test and insure proper operation of the unit.

**\*\*\*QUOTED EQUIP. Modine M# MHSB63SB05SA 63K steam heater\*\*\***

**\*\*\* There will be two men required due to our safety policy and amount of work needed\*\*\***

**NOTE: EQUIPMENT LEAD TIME IS SUBJECT TO CHANGE BASED ON STOCK AVAILABILITY.**

**NOTE: THE ESTIMATED SHIPPING TIME ON THE EQUIPMENT IS 5-6 WEEKS.**

**NOTE: WORK IS TO BE DONE DURING NORMAL BUSINESS HOURS.**

**NOTE: QUOTE IS ONLY VALID FOR 14 DAYS.**

**NOTE: Customer is responsible for all non-returnable items and/or restocking charges that apply should the quote be cancelled by the customer, or the scope of work changes in anyway after Moore's has received approval.**

Exclusions:

- All fire alarm wiring/connecting and/or coordination
- Engineering or drawings for permit and/or Structural load calculations
- Hazardous material testing, abatement or disposal • Thermostats
- Roof cutting or patching and/or structural modifications • Smoke detectors
- Temporary heating or cooling • Air test and balance • Overtime
- All sprinkler pipe removal /installation • GFCI Outlets
- Annunciators/strobes or key switch boxes and wiring

### MATERIAL, EQUIP OR PARTS

	Quantity		Sell price
Equipment	1.00	\$	1,962.00
Misc. Electrical Materials	1.00	\$	60.00
Misc. Hanging Materials & Pipe Fittings	1.00	\$	96.00
S&H	1.00	\$	258.00
Truck Fee	1.00	\$	110.00
<b>Material Total</b>		\$	<b>2,486.00</b>

### LABOR ITEMIZED

			Labor
<b>Labor - Incurred</b>	<b>3</b>	<b>\$ 120.00</b>	<b>\$ 360.00</b>
Labor - One Man	10	\$ 120.00	\$ 1,200.00
Labor - Second Man	10	\$ 120.00	\$ 1,200.00
<b>Labor Total</b>		<b>\$</b>	<b>2,760.00</b>

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

	<b>Materials</b>	<b>\$</b>	<b>2,486.00</b>
	<b>Labor</b>	<b>\$</b>	<b>2,760.00</b>
	<b>TOTAL</b>	<b>\$</b>	<b>5,246.00</b>

Robert Lowery, Changeout Estimator 434-309-2591

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.





EMC  
Technical Services  
800-259-8624  
Flec unit heater





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Mechanical Services  
"INSTALLING CONFIDENCE"  
804-359-9624  
24 Hour Emergency Service  
Commercial / Industrial  
Heating Controls / Installation  
Elec. unit heater



**TRANE**

UNIT  
HEATER

Model No.

Type No.

UPSA-0600-BC-AAC

115-103-01

Serial No.

D86X00606

For Maintenance Instructions  
See Bulletin LM-2A

The Trane Company, La Crosse, WI 54601 7000  
Manufactured by Trane Canada

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