

Region: 5

Location: VA049

CSS #: 32298

Maximo Work Order No.: 15005

Asset #: NA

Date Issued: 9/16/21

Original Description: Need proposal for system replacement per Moore's UNIT 3 located past conference area

Repairs Needed:

Moore's proposes to remove and replace the above split system with a new Carrier 4 ton heat pump split system with electric heat. This includes connecting to existing duct connections with modifications needed, drain line connections with a new overflow safety switch, refrigerant connections with new fittings and a system flush, electrical connections from the existing outdoor disconnect to the new unit and low voltage connections to the new digital thermostat. Pressure test the system and charge according to the manufacturers specifications. Start, test, and ensure proper operation of the system.

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)	--	--	\$6,595.00	--	\$6,595.00
--	NA	Moore's Labor (2 men)	28	\$120.00	--	--	\$3,360.00
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
32	\$3,680.00	\$6,595.00		\$10,275.00	106%	\$10,891.50



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

Proposal

September 16, 2021

Quotes are valid for 30 days.

USARC - VAO49
6700 Strathmore Rd.
N Chesterfield, VA23237
Email adam.colopy@tideh2o.net & Mary.Lowery@tideh2o.net
WO: CSS 32298 WO 15005

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

DESCRIPTION OF EQUIPMENT:

System tagged #1
Carrier 4 ton heat Pump Split System (2000 system 21 years old)
CU - M# 38YCC048 S# 3308E01527 AHU - M# FB4ANF048 S# 3100A75937

DESCRIPTION OF REPAIRS:

To remove and replace the above split system with a new Carrier 4 ton heat pump split system with electric heat. This includes connecting to existing duct connections with modifications needed, drain line connections with a new overflow safety switch, refrigerant connections with new fittings and a system flush, electrical connections from the existing outdoor disconnect to the new unit and low voltage connections to the new digital thermostat. Pressure test the system and charge according to the manufacturers specifications. Start, test, and ensure proper operation of the system.

*** UNIT COMES WITH A ONE YEAR PARTS AND LABOR WARRANTY AND FIVE-YEAR COMPRESSOR PART WARRANTY***

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

NOTE: A BOOM TRUCK/LIFT WILL BE REQUIRED TO GET THE CONDENSERS UP ONTO THE ROOF.

NOTE: ADDITIONAL LABOR IS NEEDED FOR REPLACEMENT OF THIS SYSTEM DUE TO MOVING ITEMS OUT OF THE WAY.

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

NOTE: EQUIPMENT ESTIMATED SHIPPING TIME 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
- Roof cutting or patching and/or structural modifications • Smoke detectors
- Temporary heating or cooling • Air test and balance • Overtime
- Annunciators/strobes or key switch boxes and wiring

MATERIAL, EQUIP OR PARTS

	Quantity	Sell price
Equipment	1.00	\$ 4,200.00
Electrical	1.00	\$ 90.00
Drain & Overflow Safety	1.00	\$ 114.00
Ductwork	1.00	\$ 180.00
Refrigerant Fittings & System Flush	1.00	\$ 156.00
Torch, Vacuum & Nitrogen	1.00	\$ 180.00
T-Stat & Control Wiring	1.00	\$ 198.00
Duct lift	1.00	\$ 420.00
Boom Truck/Lift for Roof	1.00	\$ 780.00
Condenser Foundation Materials	1.00	\$ 42.00
S&H	1.00	\$ 180.00
Truck Fee	1.00	\$ 55.00
Material Total		\$ 6,595.00

LABOR ITEMIZED

		Labor
		\$ -
Labor - One Man	14	\$ 120.00 \$ 1,680.00
Labor - Second Man	14	\$ 120.00 \$ 1,680.00
Labor Total		\$ 3,360.00

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	\$ 6,595.00
Labor	\$ 3,360.00
TOTAL	\$ 9,955.00

Robert Lowery, Changeout Estimator 434-309-2591

Approved by: _____

Standard Terms and Conditions

Payments past 30 days are subject to 1.5% monthly service charge on unpaid balance. Additional charges for payments made through credit cards may apply. Late payments sent to collections or legal process the purchaser agrees to pay all costs, expenses, and reasonable attorney fees.

Carrier Enterprise, LLC

Carrier Mid-Atlantic
2401 Dabney Road
Richmond, VA 23230



BILL TO: MOORE'S ELECT & MECH CONST INC
P.O. BOX BOX 119
ALTAVISTA, VA 24517

QUOTE

ORDER NO.	898567-00	PAGE	1 OF 1
ORDER DATE	09/14/21	CUST #	108661
PURCHASE ORDER NO.	TIDEWATER 4 TON HP		
CONTACT	ROBERT		
PHONE	(434)369-4374/		
SALESPERSON	Adam Murphy		
EXPIRATION DATE	10/14/21		

DATE & TIME PRINTED 09/14/2021 16:54:31

SHIP TO: MOORE'S ELECT & MECH CONST INC
P O BOX 119
ALTAVISTA, VA 24517

NOT a Valid Payment Receipt

Visit us today at ma.carrierenterprise.com!

SHIP VIA Best Way PPB	PAYMENT TERMS 1.5% 10 Prox	FOB Shipping Point
REFERENCE	CUSTOMER SERVICE:	REMIT PAYMENT TO:
INSTRUCTIONS	CONTACT Leroy Dickenson	Carrier Enterprise, LLC - CMA
ORDER NOTES	PHONE (804)678-5134/	P.O. Box 32156
	FAX 866-776-0860	New York, NY 10087-2156
	EMAIL Leroy.Dickenson@carrierenterprise.com	

#	PRODUCT AND DESCRIPTION	SRC	DELIVERY DATE		QUANTITY	UNIT	UNIT PRICE	EXT. PRICE
			REQUEST	ESD				
1	25HCE448AP05 COMFORT 14 HEAT PUMP	1601	09/15/21		1	each	2,290.00	2,290.00
2	FB4CNP048L00 FAN COIL ALUM 4T	1601	09/15/21		1	each	1,025.00	1,025.00
3	FC-2901N09 9KW ELECT HTR NON-FUSED	1601	09/15/21		1	each	100.00	100.00

ANY SALE OF THE GOODS INDICATED ON THE FACE OF THIS ACKNOWLEDGEMENT IS SUBJECT TO SELLER'S GENERAL TERMS AND CONDITIONS OF SALE INCLUDING BUT NOT LIMITED TO STANDARD LIMITED WARRANTY TERMS. ACCEPTANCE OF THIS ORDER IS EXPRESSLY MADE CONDITIONAL ON YOUR ASSENT THERETO AND SELLER DOES NOT ACCEPT ANY ADDITIONAL OR DIFFERENT TERMS CONTAINED IN YOUR PURCHASE ORDER OR ANY OTHER COMMUNICATION FROM YOU. ANY TAX OR FREIGHT CHARGES NOTED ABOVE ARE ESTIMATES ONLY AND SUBJECT TO CHANGE PRIOR TO SHIPMENT. THIS IS NOT AN INVOICE.

SUBTOTAL	3,415.00
ESTIMATED TAX	204.91
ESTIMATED FREIGHT	0.00
AMOUNT TENDERED	0.00
ESTIMATED AMOUNT DUE	3,619.91

THIS IS NOT AN INVOICE

Carrier Enterprise, LLC

Carrier Mid-Atlantic
2401 Dabney Road
Richmond, VA 23230



BILL TO: MOORE'S ELECT & MECH CONST INC
P.O. BOX BOX 119
ALTAVISTA, VA 24517

QUOTE

ORDER NO.	897793-00	PAGE	1 OF 1
ORDER DATE	09/14/21	CUST #	108661
PURCHASE ORDER NO.	TIDEWATER INC		
CONTACT	ROBERT		
PHONE	(434)369-4374/		
SALESPERSON	Adam Murphy		
EXPIRATION DATE	10/14/21		

DATE & TIME PRINTED 09/14/2021 16:50:19

SHIP TO: MOORE'S ELECT & MECH CONST INC
P O BOX 119
ALTAVISTA, VA 24517

NOT a Valid Payment Receipt

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SHIP VIA	Best Way PPB	PAYMENT TERMS	1.5% 10 Prox	FOB	Shipping Point
REFERENCE		CUSTOMER SERVICE:		REMIT PAYMENT TO:	
INSTRUCTIONS		CONTACT	Leroy Dickenson		Carrier Enterprise, LLC - CMA
ORDER NOTES		PHONE	(804)678-5134/		P.O. Box 32156
		FAX	866-776-0860		New York, NY 10087-2156
		EMAIL	Leroy.Dickenson@carrierenterprise.com		

#	PRODUCT AND DESCRIPTION	SRC	DELIVERY DATE		QUANTITY	UNIT	UNIT PRICE	EXT. PRICE
			REQUEST	ESD				
1	25HCE436AP05 COMFORT 14 HEAT PUMP	1601	09/15/21		2	each	1,895.00	3,790.00
2	FB4CNP036L00 FAN COIL ALUM 3T	1601	09/15/21		2	each	815.00	1,630.00
3	FC-2901N09 9KW ELECT HTR NON-FUSED	1601	09/15/21		2	each	100.00	200.00

ANY SALE OF THE GOODS INDICATED ON THE FACE OF THIS ACKNOWLEDGEMENT IS SUBJECT TO SELLER'S GENERAL TERMS AND CONDITIONS OF SALE INCLUDING BUT NOT LIMITED TO STANDARD LIMITED WARRANTY TERMS. ACCEPTANCE OF THIS ORDER IS EXPRESSLY MADE CONDITIONAL ON YOUR ASSENT THERETO AND SELLER DOES NOT ACCEPT ANY ADDITIONAL OR DIFFERENT TERMS CONTAINED IN YOUR PURCHASE ORDER OR ANY OTHER COMMUNICATION FROM YOU. ANY TAX OR FREIGHT CHARGES NOTED ABOVE ARE ESTIMATES ONLY AND SUBJECT TO CHANGE PRIOR TO SHIPMENT. THIS IS NOT AN INVOICE.

SUBTOTAL	5,620.00
ESTIMATED TAX	337.20
ESTIMATED FREIGHT	0.00
AMOUNT TENDERED	0.00
ESTIMATED AMOUNT DUE	5,957.20

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Cat Class Code: 330-9727

✉️ 🖨️

Material Lift, 400-650 lbs., 24-25 ft., Manual

This material lift — or contractor lift — is known for its strength, durability and size. Heavy-duty yet lightweight and portable, the material lift transports and lifts ducting, fiberboard, construction framework, roll-up doors, transformers, HVAC equipment, overhead piping and more. The maximum capacity is up to 650 lbs. The rear transport wheel assembly increases maneuverability and it loads into a pickup truck. This lift features a quick setup that requires no tools. Pipe cradle and load platform attachments are also available. Manufacturers include Genie, which supplies the Superlift.

- Easily fits through doorway
- Rear transport wheel assembly for increased maneuverability
- Folds down for compact storage and handling
- Heavy-duty design
- Add this material lift to your cart now

Pricing

WEB RATE

Daily

Weekly

Monthly

\$100

\$268

\$519

You are viewing equipment rates for Chester, VA 23831

Sign in to view account pricing and jobsites. Federal, State or Local government customers must sign in to avoid paying tax and extra fees.

Start Date

End Date

Quantity

1

+

Transit Options

To and From Jobsite

Cost Estimate

Total cost and fees for order determined at checkout. Transit charges may be reduced if multiple items fit on a single truck.

Calculate Cost

Add to Cart

Feedback

Similar Equipment

Forklifts & Material Handling

Cranes

Forklifts & Material Handling

Reach Forklifts

Forklifts & Material Handling

Hoists

Forklifts & Material Handling

Material Lifts

Forklifts & Material Handling

Misc. Material

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Product Categories / Plumbing / Plumbing Valves / Shut-Off Valves / Water Detection and Shut-Off Systems / Condensation Flood Detector Switch

Email Print



Roll over image to zoom.

Product Image Feedback

DIVERSITECH

Condensation Flood Detector Switch

Item # 6XJG7 Mfr. Model # WS-1
UNSPSC # 39121531 Catalog Page # 3092

Country of Origin: China. Country of Origin is subject to change.

Solid state switch is designed to detect the presence of condensate water overflow.

Compare this product

Web Price

\$76.37 / each

Qty

1

Add to Cart



Shipping



Pickup

Expected to arrive Mon. Sep 20.

Ship to 24517 | Change

Shipping Weight 0.6 lbs

Ship Availability Terms

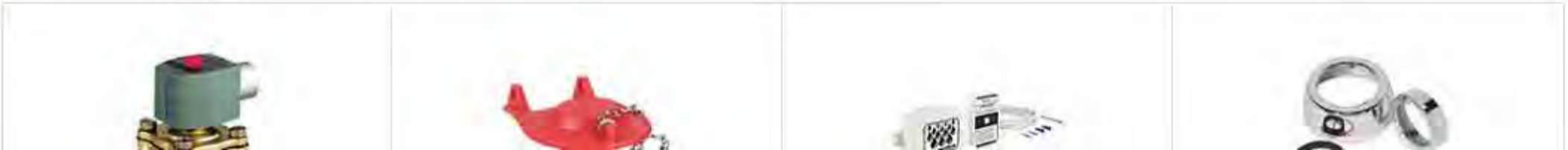
Add to List

Technical Specs

Item	Condensation Flood Detector Switch	Amps	2 A
Voltage	24V AC		

Technical Specs Feedback

Customers Also Purchased



Customers Also Viewed



DIVERSITECH

Condensation Overflow
Safety Switch

Item # 6XJH7

Web Price

\$53.82 / each

Qty

1

Add to Cart

Chat with an Agent

PANEL DTC





10 kA
120/240V~

10 kA
120/240V~

10 kA
120/240V~

10 kA
120/240V~

10 kA
240V~

I/ON

I/ON

I/ON

I/ON

I/ON

20

20

20

45

20

20

20

30

O/OFF

O/OFF

O/OFF

O/OFF

O/OFF

O/OFF

O/OFF

O/OFF

10 kA
120/240V~

10 kA
120/240V~

10 kA
120/240V~

10 kA
240V~





Carrier 1A



AHU 1



LISTED FAN COIL
UNIT 3R30



PRODUCT NO. _____
MODEL NO. _____
SERIAL NO. _____
VOLTS FB4ANF048000AF4A
MOTOR HP 3100A75937
MOTOR FLA 208 / 230
PHASE/HERTZ 3/4
TEST STATIC 4.3
REFRIGERANT 1/60
20

IN. U.C.

DESIGN PS10 300
APPROVED ACCESSORIES
KFAEH0201N05 KFAEH1301C05
KFAEH1401C08 KFAEH0401N10
KFAEH0601F20 KFAEH1701C20
KFAEH1101F30 KFAEH0801J15
KFAEH2301H15 KFAEH2401H20
KFAEH2501N09 KFAEH2601F15
KFCEH0301H20 KFCEH0501N05
KFCEH0801N08 KFCEH1001C08
KFCEH0901N10 KFCEH1101C10
KFCEH1701C15 KFCEH1801C10
KFCEH1801F20 KFCEH1901C20
KFCEH2201F30 KFAEH2201N10

KFAEH0301N08
KFAEH1501C10
KFAEH1801F24
KFAEH0901318
KFCEH2801C15
KFCEH0201H15
KFCEH0601C05
KFCEH1401N09
KFCEH1501F15
KFCEH2001318
KFCEH2101F24

ELECTRICAL INFORMATION FOR THIS UNIT
FOR FIELD INSTALLED ELECTRICAL WIRING, SEE ELECTRICAL INFORMATION PLATE SUPPLIED WITH
HEATER IN THIS BLOCK
W/ALZ HEATER OFF SINGLE SUPPLY CIRCUIT
MAX. OVERCURRENT PROTECTION 0
W/ALZ HEATER OFF DUAL SUPPLY CIRCUIT
MAX. OVERCURRENT PROTECTION 15
W/ALZ HEATER OFF N/A
MAX. OVERCURRENT PROTECTION N/A
W/ALZ HEATER OFF N/A
MAX. OVERCURRENT PROTECTION N/A

5.4

Ahu 1



Carrier 1A

