



Proudly serving the entire states of Virginia & North Carolina.

Altavista, VA • Charlottesville, VA • Chesapeake, VA • Manassas, VA  
Lynchburg, VA • Richmond, VA • Raleigh, NC • Charlotte, NC

P.O. Box 119 • Altavista, VA • 800.789.7199 • service@mooreselectric.com

Billing Address	Site Address
<b>Customer:</b> TIDEWATER, INC <b>Address:</b> 6625 SELNICK DRIVE ELKRIDGE MD 21075 <b>Phone:</b> 614-623-9569	<b>Customer:</b> USARC VA049 CHESTERFIELD <b>Address:</b> 6700 STRATHMORE ROAD NORTH CHESTERFIELD VA 23237 <b>Phone:</b> 410-688-0142
<b>Service Call #:</b> COM0178436	<b>Call Type:</b> COM-COUTS

Service Requested
5.2.22 RL CO approved for \$8698.60 Two techs 10 hrs each  System tagged #3 Carrier 3 ton Heat Pump Split System (2000 System 21 years old) CU - M#38YCC036 S# 2600E34855 AHU - M# FB4ANF036 S# N/A  To remove and replace the above split system with a new Carrier 3 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: EQUIPMENT TIME IS SUBJECT TO CHANGE BASED ON STOCK AVAILABILITY. NOTE: EQUIPMENT IS CURRENTLY IN LOCAL STOCK BUT LIMITED. 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  5.2.22 RL Equipment ordered from Carrier using PO- CO287988. Equip. will be available for pickup at Carrier in Richmond ETA 3-5 days. **NO permit is needed**  5.16.22 RL Equipment is ready for pickup.  5/19 TH   Spoke to Peter about scheduling this - he suggested getting with Earl. I will do so during our 1-1 5/20  5/27 TH   Discussed this more with Peter - Planning on getting this on the schedule week of 6/6  6/20 KW- EW to pick up equipment 6/20

Problems					
Description	Tech	Equip. Desc and Model	Manufacturer	Equip. Serial	Asset ID
HVAC Unit replacement	RICKDARDEN	S/S #3 -Heat Pump- Model# 25HCE436A510	Carrier	0722E17143	
UNIT REPLACEMENT	PETELANGST				
HVAC Unit replacement	DANIELWISE				

Tech Notes
------------

Scope remove and replace split system heat pump.

NEW EQUIPMENT

SPLIT SYSTEM #3

ODU \* CARRIER M# 25HCE436A5108 S# 0722E17143

AHU \* CARRIER M# FB4CNP036 S# 2022F27197

WORK COMPLETE

Site Start - 6/28/2022 7:00 AM Site Stop - 6/28/2022 5:30 PM Picked up equipment and duct jack and drive to site. Checked in with site. Recovered gas from unit. Took ceiling apart and use duct jack to remove old unit and install new unit. Reconnected duct work, all electrical connections and refrigeration lines in above ceiling.


Site Start - 7/1/2022 8:00 AM Site Stop - 7/1/2022 11:00 AM Brazed lineset on od unit. Pulled vacuum and started and checked operations. Unit is running and cooling.

Labor

Date	Technician	Description	Hours
6/28/2022	RICK DARDEN	REGULAR HVACR LABOR	8.00
6/28/2022	RICK DARDEN	REGULAR HVACR LABOR	2.00
6/29/2022	PETER LANGSTON	REGULAR HVACR LABOR	9.00
6/30/2022	PETER LANGSTON	REGULAR HVACR LABOR	8.00
6/30/2022	PETER LANGSTON	REGULAR HVACR LABOR	1.00
6/30/2022	RICK DARDEN	REGULAR HVACR LABOR	2.00
7/1/2022	PETER LANGSTON	REGULAR HVACR LABOR	3.00

Materials

Date	Part Number	Description	Quantity
5/2/2022	CMISCX-NON-STOCK ITEM	COMFORT 14 HEAT PUMP	1.000
5/2/2022	CMISCX-NON-STOCK ITEM	FAN COIL ALUM 3T	1.000
5/2/2022	CMISCX-NON-STOCK ITEM	9KW ELECT HTR NON-FUSED	1.000
5/2/2022	TAX-S	Sales Tax for Service	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	Items for PO 293536	1.000
6/27/2022	CMISCX-TRUCK CHARGE	TRUCK CHARGE	1.000
6/27/2022	CMISCX-TRIP CHARGE	TRIP CHARGE	1.000
6/27/2022	CRENT-EQUIPRENTAL	BOOM LIFT RENTAL	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	MATERIALS	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	TEMP INFLATION SURCHARGE	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	CONDENSATE SAF-T-SWITCH	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	25VAC WET DETECT CABLE W/ EXTRA PAD	1.000
6/27/2022	CMISCX-NON-STOCK ITEM	3/4 TUBE PIPE INSULATION	12.000
6/27/2022	TAX-S	Sales Tax for Service	1.000
6/28/2022	CMISCX-NON-STOCK ITEM	Items for PO 293598	1.000
6/29/2022	CMISCX-NON-STOCK ITEM	Items for PO 293745	1.000
7/1/2022	CMISCX-NON-STOCK ITEM	Items for PO 294087	1.000
7/4/2022	CPVCP-PVC ADAPT MALE 3/4	3/4" SCHED 40 PVC ADAPT. MALE	1.000
7/4/2022	CPVCP-PVC TEES 3/4	SCH 40 PVC 3/4 TEES	1.000
7/4/2022	CPVCP-PVC COUPLING 3/4"	SCH 40 PVC 3/4" COUPLING	2.000
7/4/2022	CPVCP-PVC 90 ELBOW 3/4"	SCH 40 PVC 3/4 ELBOW	4.000
7/4/2022	CPVCP-PVC PIPE 3/4	SCH 40 PVC 3/4 PIPE	2.000
7/4/2022	CMISCX-TORCH/NITROGEN/VAC/REC	TORCH-15% /NITROGEN/VACUUM/RECOVERY FEE	1.000

Signed By	Signature on first ticket	Signature		Date	7/5/2022
-----------	---------------------------	-----------	---	------	----------