

Region: 5

Location: MD048

CSS #: 15340

Maximo Work Order No.: 5826

Asset #: NA

Date Issued: 8/30/18

Original Description:

One of the rooftop A/C units caught fire, is now dead and needs to be replaced. After being in contact with the property management company it has been stated that the government is responsible for maintenance and repair of the HVAC systems as per the lease.

POC is Thompson at 757-719-2714 or LTC Gordon at 410-612-9211 x1009

Repairs Needed:

Remove and dispose of old unit that caught fire. Install new York International ZF120 10 G/E Rooftop Unit. (See additional detail in quote provided)

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

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
1	NA	New York Int ZF120 10 Ton G/E RTU	--	--	\$11,250.00	--	\$11,250.00
1	NA	Crane	--	--	--	\$630.00	\$630.00
--	NA	Labor	24	\$105.00	--	--	\$2,520.00
--	NA	CMI Coordination and Site/Task Oversight	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
28	\$2,840.00	\$11,250.00	\$630.00	\$14,720.00	102%	\$15,014.40



Sept-24-2018

Tidewater INC
3761 Attucks Drive
Powell, Ohio 43065
Paca Army Reserve Center

Attn: Adam Colopy

Subject: 10 ton Unit replacement

Walton & Company is pleased to quote the following scope of work:

- We will remove the existing R-22 from the unit to allow proper EPA disposal
- Disconnect the power and control wiring as well as the natural gas connection
- Coastal Crane Service will provide support to lift burnt out York unit from the roof
- We will install new gaskets on the curb
- We will provide a new York International ZF120 10 ton G/E rooftop
- Unit will have a York International economizer added once installed
- We will provide all materials needed to extend the power wiring to the new unit location on curb
- We will connect the thermostat power wiring to the unit
- We will install the natural gas line back into the new unit
- We will provide start up and testing of new unit
- We will provide 10 year heat exchanger, 5 year compressor and 1 year labor
- We will remove the failed unit from site and deliver to scrap facility

\$105.00 Per hour per tech (24) Hours Estimated

\$11,250.00 Eleven Thousand Two Hundred Fifty Dollars and No Cents = Unit

\$3150.00 Three Thousand One Hundred Fifty Dollars and No Cents=Labor and Crane

\$14,400.00 Fourteen Thousand Four Hundred Dollars and No Cents = Complete job.

Thank you for the opportunity to present you with this quote. If you have any questions, please contact me at your earliest convenience at (717) 840-2200. Upon acceptance of this proposal, please sign and return one copy of this letter to our office.

Fax # (717) 840-1742

Sincerely,

Bill Vervaeke
Building Services Manager

Accepted by: _____ Date: _____





 **YORK**[®]

R-410A
CAUTION
This system contains high pressure R-410A refrigerant. Pressure may exceed the rated working pressure of 22 service equipment. Refer to Product literature for safety instructions. Before servicing, see the label for instructions.





Serial No.: **N1M0492573**

Model No.: **ZF120N20N2AAA5A**

FOR OUTDOOR INSTALLATION ONLY
USE COPPER SUPPLY WIRE

UNIT VOLTAGE: 208/230-3-60

MINIMUM CIRCUIT AMPACITY: 47.9/47.9

MAXIMUM FUSE SIZE (TIME DELAY): 60/60

MAX. CIRCUIT BRKR SIZE (HACR type per NEC): 60/60

QTY	LOAD	HP	VOLT-PH-HZ	RLA/FLA	LRA
1	COMP #1		208/230-3-60	13.9 RLA	110 LRA
1	COMP #2		208/230-3-60	13.9 RLA	110 LRA
1	ID BLOWER	3.0	208/230-3-60	9.6 FLA	
1	OD FAN #1	3/4	208/230-1-60	3.5 FLA	
1	OD FAN #2	3/4	208/230-1-60	3.5 FLA	
1	COMB BLWR	1/12	208/230-1-60	0.5 FLA	

FACTORY CHARGED.	SYS #1	R-410A	6 LBS.	8 OZ.
	SYS #2	R-410A	6 LBS.	8 OZ.

MIN. TEST PRESS.. HIGH SIDE 445 PSIG. LOW SIDE 236 PSIG.

MIN/MAX VOLTAGE: 187V / 252V

FORCED AIR FURNACE WITH COOLING.

TYPE GAS: NATURAL.

GAS SUPPLY PRESS: MAX: 10.5 IN. W.C. MIN: 4.5 IN. W.C.

ORIFICE: 37 DRILL SIZE

TEMP. RISE	GAS INPUT	MIN. INPUT	MANIFOLD
DEGREE F	BTU/HR	BTU/HR	PRESSURE
35-65	240,000	144,000	3.5 IN. W.C.

ALTITUDE: 0 - 2000 FT. ELEVATION
HEAT ANTICIPATOR SETTING: .74 A.

MAX. EXT.
STATIC
1.5

DESIGNED MAX OUTLET AIR TEMPERATURE.	175 °F
LIMIT CONTROL SETTING.	150 °F

SERVICE (S) AND MINIMUM (M) CLEARANCE TO COMBUSTIBLE MATERIAL/						
(M)	(M)	(S)	(S)	(S)	(S)	(S)
DUCT	FLOOR	TOP	FRONT	LEFT	REAR	RIGHT
0 IN.	0 IN.	72 IN.	36 IN.	36 IN.	12 IN.	12 IN.

REAR CLEARANCE IS 36 IN. IF ECONOMIZER IS PRESENT

HORIZONTAL OVERHANG EXTENSION: 36 IN.

FOR INSTALLATION ON COMBUSTIBLE FLOORING OR
CLASS A, B OR C ROOF COVERING MATERIAL.

GAS FIRED CENTRAL FURNACE

CENTRAL COOLING AIR CONDITIONER

UL 1995/CSA C22.2 NO. 236-05(3rd Ed)

ANSI Z21.47b-2008/CSA 2.3b-2008

ASHRAE 90.1 COMPLIANT

