

**Region:** 5

**Location:** DE002

**CSS #:** TBD

**Maximo Work Order No.:** 14997

**Asset #:** NA

**Date Issued:** 9/15/21

**Original Description:** The min-split A/C unit that services the server room in the main building is not working. I reset the unit and it did come back up and run for a few minutes and went back into its non-functioning status

**Repairs Needed:**

S&S proposes to remove and replace the top and bottom fan motor on the Daiin mini split unit. S&S will then replace the control board and check operations to ensure everything is running properly.

**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)	--	--	\$854.40	--	\$1,633.24
--	NA	SS Labor (includes diagnostic)	13	\$126.92	--	--	\$1,650.00
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
17	\$1,970.00	\$1,633.24		\$3,603.24	106%	<b>\$3,819.43</b>



# S&S MECHANICAL

**S&S Mechanical**  
4831 South Crain Highway  
Upper Marlboro, MD 20772

Tel. 1 - (301) 574-1555  
Fax. 1 - (301) 574-1558  
www.sandsmidatlantic.com

## CUSTOMER QUOTATION NO. 720

Tidewater, Inc.  
Tidewater, Inc  
6625 Selnick Dr.  
Suite A  
Elkridge MD 21075

**Quote Name:** 14681  
**Quote No:** 720  
**Site:** DE002 Savannah Road  
**Site Contact:**  
**Salesperson:** Lindsay Ruby  
**Created Date:** 09/15/2021  
**Valid For:** 30 Day(s)

**WO#: 14681**

**CSS Ticket Number: 31842**

**Problem:** The min-split A/C unit that services the server room in the main building is not working. I reset the unit and it did come back up and run for a few minutes and went back into its non-functioning status.

S&S proposes to remove and replace the top and bottom fan motor on the Daikin mini split unit.

S&S will then replace the control board and check operations to ensure everything is running properly.

### Service

Item	Quantity	Unit Price	Total
Control Board	1.00	\$611.42	\$611.42
74W Fan Motor Top & Bottom	2.00	\$435.91	\$871.82
Shipping	1.00	\$150.00	\$150.00
Diagnosis Fee	1	\$450.00	\$450.00
HVAC Labor Rate	12	\$100.00	\$1,200.00
<b>Sub-Total ex Tax</b>			\$3,283.24
<b>Tax</b>			\$0.00
<b>Total inc Tax</b>			\$3,283.24

<b>Labor</b>	\$1,650.00
<b>Materials</b>	\$1,633.24
<b>Sub-Total ex Tax</b>	\$3,283.24
<b>Tax</b>	\$0.00
<b>Total inc Tax</b>	\$3,283.24



# JOHNSTONE SUPPLY THE BALSAN GROUP

JOHNSTONE ANNAPOLIS  
1981 MORELAND PKWY, SUITE 101  
ANNAPOLIS, MD 21401  
410-280-0101  
Fax 410-280-0104

## Quotation

EXPIRATION DATE	QUOTE NUMBER
09/17/2021	100-101090819
JOHNSTONE ANNAPOLIS 1981 MORELAND PKWY, SUITE 101 ANNAPOLIS, MD 21401 410-280-0101 Fax 410-280-0104	PAGE NO.  1 of 1

QUOTE TO:

SHIP TO:

S&S MECHANICAL  
4845 SOUTH CRAIN HIGHWAY  
UPPER MARLBORO, MD 20772

S&S MECHANICAL  
4845 SOUTH CRAIN HIGHWAY  
UPPER MARLBORO, MD 20772

CUSTOMER NUMBER	CUSTOMER PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON		
14831	DE002 WO# 14681		HOUSE		
WRITER		SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
Jimmy Schropp - Anna 43		PICK UP	Net 10th Prox	09/10/2021	No
ORDER QTY	DESCRIPTION			UNIT PRICE	EXT PRICE
1ea	T7WHB0315 CONTROL BOARD MITSUBISHI ELECTRIC * Non Returnable / Non refundable Pn: 284073			509.515/ea	509.52
1ea	T7WA10221 * Non Returnable / Non refundable Pn: 284083			363.258/ea	363.26
1ea	T7WA11221 DC280V 10P 74W FAN MOTOR MITSUBISHI * Non Returnable / Non refundable Pn: 284084			363.258/ea	363.26
Quotation Valid For 7 Days. Bid Valid for 7 Days - *Excluding Commodities* 24hrs				Subtotal	1236.04
				S&H Charges	80.00
				Estimated Tax	74.16
				Amount Due	1390.20



# CONDENSING UNIT

<G>



MODEL  
**PUY-A36NKA7**

SERVICE REF. **PUY-A36NKA7**

	VOLTS	PHASE	Hz	MAX.VOLTAGE	<u>253</u>
UNIT SUPPLY	<u>208/230</u>	<u>1</u>	<u>60</u>	MIN.VOLTAGE	<u>198</u>

APPROVED FOR HACR BREAKERS OR TIME DELAY FUSES.

BREAKER	<u>30</u>	AMPS			
MAX.FUSE	<u>31</u>	AMPS	MIN.CIRCUIT AMPACITY	<u>25</u>	

FAN MOTOR	F.L.A. <u>0.5+0.5</u>	W(OUTPUT) <u>74+74</u>
-----------	--------------------------	---------------------------

COMPRESSOR	R.L.A. <u>8</u>	L.R.A. <u>13</u>
------------	--------------------	---------------------

REFRIGERANT R410A

FACTORY CHARGED 10 LBS. 6 OZ.

IF THE LIQUID LINE EXCEEDS 100 FT., PLUS 1.5 OZ.  
PER ADDITIONAL 5FT. LIQUID LINE.

INSTALLER TO MARK TOTAL CHARGE \_\_\_\_\_ LBS. \_\_\_\_\_ OZ.

DESIGN PRESSURES PSIG 601 HI SIDE  
330 LO SIDE

\* SUITABLE FOR OUTDOOR INSTALLATION.

WEIGHT 211 LBS.

SERIAL NO. TXUB5155A

YEAR OF MANUFACTURE 2017.10

MITSUBISHI ELECTRIC CORPORATION

MADE IN JAPAN

DAIWA-RO KAWASAKI

