

Over and Above Estimate

Region: 5

Location: DE007

CSS #: 12404

Maximo Work Order No.: 3282

Asset #: 1762

Date Issued: 2/22/18

Original Description: Mini split in room 111 need to be repaired by replacement. Spoke to CMI that the sub did a number of test and eval and the system needs to be repaired by replacement

Repairs Needed:

- S&S proposes to remove and replace one Sanyo 3.5 Ton, split system with one new 3.5 ton Mitsubishi ductless split heat pump with the evaporator placed where existing evaporator resides presently in ceiling.
- Remove and dispose of existing unit
- Evacuate refrigerant and properly dispose per EPA regulations
- Secure new condenser in place mounted to equipment pad
- Run new line sets and thoroughly seal all penetrations with exterior sealants; line sets will be insulated
- Hang and secure evaporator
- Place Condenser on new pad where condemned unit was
- Install and pipe remote condensate pump
- Evacuate system and confirm it is leak free
- Start up and leak check thoroughly
- Units will be preset to location required temp settings; remotes will be housed inside a locked thermostat box that requires supervisor authority to change set points.

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	42K R410A Cassette Evap - (p/n PLAA42EA7)	--	--	\$2988	--	\$2988
1	NA	42K R410A HP Cond Unit (p/n PUZA42NKA7)	--	--	\$2955.60	--	\$2955.60
1	NA	3/8OD X 50' Coil Ref (p/n PDM3812)	--	--	\$85.20	--	\$85.20
1	NA	5/8OD X 50' Coil Ref (p/n PDM5812)	--	--	\$136.80	--	\$136.80
1	NA	Wireless Remote Receiver Kit - (p/n MHK1)	--	--	\$216	--	\$216
1	NA	18 X 38 X 3 Black Ecopad - (p/n EP1838-3)	--	--	\$27.94	--	\$27.94
2	NA	4" Riser 18"L - PR-351N-M - (p/n PR-351N-M)	--	--	\$9.30	--	\$18.60
1	NA	30 Amp Fused Disc - (p/n DDS30)	--	--	\$15.49	--	\$15.49
--	NA	gas, flux, pump oil	--	--	\$200	--	\$200
--	NA	estimated shipping costs	--	--	\$50	--	\$50
--	NA	Tax	--	--	--	--	\$322.19
--	NA	12 ft duct jack with extended arms	--	--	--	\$140.40	\$140.40
--	NA	Subcontractor Labor	54	\$ 100	--	--	\$5,400
--	NA	CMI Personnel/ Site, Task Oversight	6	\$ 80	--	--	\$ 480

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment Cost	Total Cost	CE Factor	Total Estimate
60	\$5,880	\$7,015.82	\$140.40	\$13,036.22	102%	\$13,296.94



S&S MECHANICAL

S&S Mechanical
Job Location: DE007, Server Room 111
Quote Submitted to: Adam Calopy
Project/W/O #: W/O #3282 CSS#12404 Mini Split

Office # 301-574-1555
Fax # 301-574-1558
jim@sandsmidatlanti.com
sandsmidatlantic.com

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\$5400.00 – labor – 2 technicians 3 days each for 9 hour days

\$2988.00 – 42K R410A Cassette Evap - (p/n PLAA42EA7)

\$2955.60 – 42K R410A HP Cond Unit (p/n PUZA42NKA7)

\$85.20 – 3/8OD X 50' Coil Ref (p/n PDM3812)

\$136.80 – 5/8OD X 50' Coil Ref (p/n PDM5812)

\$216.00 – Wireless Remote Receiver Kit – (p/n MHK1)

\$27.94 – 18 X 38 X 3 Black Ecopad – (p/n EP1838-3)

\$9.30 – 4" Riser 18"L – PR-351N-M – (p/n PR-351N-M) – quantity 2 = \$18.60

\$15.49 – 30 Amp Fused Disc – (p/n DDS30)

\$50.00 – estimated shipping costs

\$322.19 - taxes

\$140.40 - 12 ft duct jack with extended arms

\$200.00 – gas, flux, pump oil

Total = \$12,556.22

Once approved, we will order reach out to schedule the start date for the project

***Payments to be made as follows: 15 days upon approved invoice

Respectfully submitted: Seth Brannon / Jim Moltz

Dated: 3/20/18

Any alteration or deviation from the above specs
will result in a deviation of costs. If not accepted within 30 day's
Contract can be withdrawn & renegotiated under new terms if applicable
All agreements contingent upon weather, accidents, or delays beyond
our control.

Time: 14:08

 * A C K N O W L E D G E M E N T - Quote Order *

ANNA AIRECO SUPPLY, INC.
 1805 E VIRGINIA ST
 ANNAPOLIS

MD 21401

(410)280-2350/

CUST#: 25474 SHIP TO: Order Date: 03/16/18 Whse: 012 ORDER#: 6859564-00

Placed By Taken By Salesrep Out
 STZI STZI

BILL TO: (301)574-1555 FAX#: 301
 S & S FABRICATORS
 4845 SOUTH CRAIN HIGHWAY
 UPPER MARLBORO, MD 20772

SHIP TO:
 S & S FABRICATORS
 4845 SOUTH CRAIN HIGHWAY
 UPPER MARLBORO, MD 20772

Customer PO: CMI DELAWARE

Special Instructions:

Ship Via: PICK-UP Request Date: 03/17/18 Ship Date: Terms: 1% 10thprox

Line #	Product And Description	Quantity Ordered	Quantity B.O.	Quantity Shipped	Qty Um	Unit Price	Net Price
1	PLAA42EA7	1			ea	2490.00000	2490.00
	42K R410A CASSETTE EVAP	208-230/1	14 SEER				
2	PLP40EAEU	1			ea	0.00000	0.00
	GRILL PLFY/PLA-7 EVAPS						
3	PUZA42NKA7	1			ea	2463.00000	2463.00
	42K R410A HP COND UNIT	208-230/1	14 SEER				
4	PDM3812	1			RL	71.00000	71.00
	3/8OD X 50' COIL REF	1/2	INSULATION				
5	PDM5812	1			RL	114.00000	114.00
	5/8OD X 50' COIL REF	1/2	INSULATION				
6	MHK1	1			ea	180.00000	180.00
	WIRELESS REMOTE RECEIVER KIT						
7	EP1838-3	1			ea	23.27600	23.28
	18X38X3 BLACK ECOPAD		PLASTIC EQUIPMENT PAD				
8	PR-351N-M	2			EA	7.75000	15.50
	4" RISER 18"L						
9	DDS30	1			EA	12.91400	12.91
	30 AMP FUSED DISC.		METAL				

9 Lines Total

Total 5369.69
 Taxes 322.19
 Invoice Total 5691.88
 ** NOT AN INVOICE OR RECEIPT **

THANK YOU FOR YOUR BUSINESS!

Last Page

CHECKOUT - RENTAL DETAILS

When do you need the equipment?

Start Date

Wed Mar 21 2018



8:00 AM



Return Date

Wed Mar 21 2018



5:00 PM



Make Favorite Order

Review your equipment

Equipment pricing may vary based on availability and market conditions.



DUCT JACK/MATERIAL 10'-14'

Daily: \$115.00 USD

Weekly: \$300.00 USD

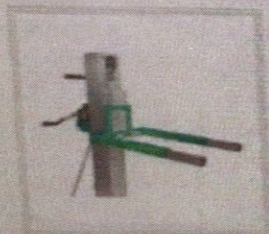
4 Week: \$700.00 USD

1

[Remove](#)

\$115.00 USD

TOOLFLEX This Item



DUCT JACK / GENIE LIFT FORK EXTENSIONS

Daily: \$2.00 USD

Weekly: \$4.00 USD

4 Week: \$12.00 USD

1

[Remove](#)

\$2.00 USD

Rental Protection Plan ☐Protect yourself, [learn more about RPP](#)

\$17.55 USD

Estimated Amount

Estimated Sub Total: \$117.00 USD

This estimate is for the base rental charge only. Other fees and charges may apply and will be

CREDIT APPLICATION

GET A QUOTE

SANYO
PACi
DC Inverter

Standard Energy Ratio
14.5
10.0 15.0 20.0
1.0kW 2.0kW 3.0kW
Rated Input Power (kW) Rated Output (kW)

R410A

SANYO**SPLIT TYPE AIR CONDITIONER**INDOOR UNIT
MODEL NO.
XHW4272R

SOURCE: 230/208 V

60Hz 1-PH

LOAD \ AMPS	COOL	HEAT
INDOOR FAN MOTOR	1.0 / 0.9	0.9 / 0.8

MINIMUM CIRCUIT AMPACITY

1.3 A

DISCONNECT SWITCH CAPACITY

15 A

MAXIMUM OVERCURRENT PROTECTION
(FUSE OR HACR TYPE CIRCUIT BREAKER)

15 A

MATCHING OUTDOOR UNIT : CH4272R
C4272R

153294

SERIAL NO. : 0006694

SANYO Electric Co., Ltd.**Made in Japan**

854-2-1381-982-00-0