

Region: 5

Location: MD019

CSS #: 33201

Maximo Work Order No.: 15388

Asset #: NA

Date Issued: 1/13/22

Original Description: #1 Boiler would not lite off during boiler certification

Repairs Needed:

S&S replaced the flame switch on Boiler #1 but found the controller module motor is also in need of replacement. S&S proposes to remove and replace the module and then check the operation to ensure everything is working 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)	--	--	\$1,714.80	--	\$1,714.80
--	NA	SS Labor (includes diagnostic)	6	\$239.60	--	--	\$1,437.60
--	NA	TW Coordination	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
10	\$1,757.60	\$1,714.80		\$3,472.40	100%	\$3,472.40



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. 852

CMI Management, Inc.
5285 Shawnee Road Suite #510
Alexandria VA 22312

Quote Name: 15388
Quote No: 852
Site: MD019 Greenspring Avenue
Site Contact:
Salesperson: Lindsay Ruby
Created Date: 01/12/2022
Valid For: 30 Day(s)

WO#: 15388

CSS Ticket Number: 33201

Problem: #1 Boiler would not lite off.

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S&S proposes to remove and replace the module and then check the operation to ensure everything is working properly.

Service

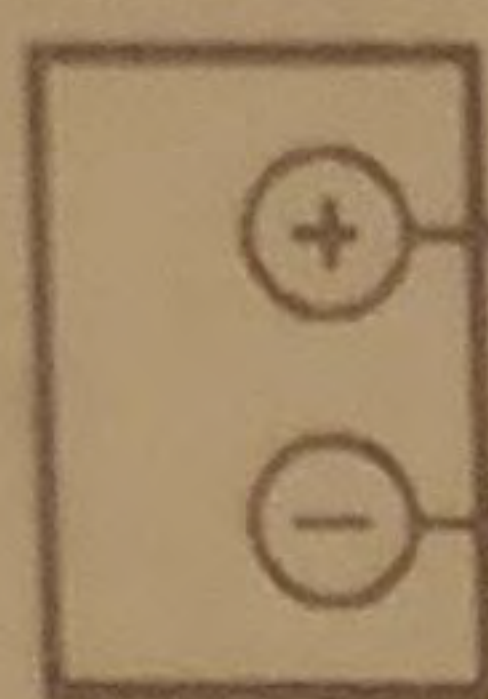
Item	Quantity	Unit Price	Total
M7284Q1009 Mod Motor 4-20ma.	1.00	\$1,564.80	\$1,564.80
Shipping	1.00	\$150.00	\$150.00
Diagnosis Fee	1	\$837.60	\$837.60
HVAC Labor Rate	6	\$100.00	\$600.00
Sub-Total ex Tax			\$3,152.40
Tax			\$0.00
Total inc Tax			\$3,152.40

Labor	\$1,437.60
Materials	\$1,714.80
Sub-Total ex Tax	\$3,152.40
Tax	\$0.00
Total inc Tax	\$3,152.40

SUBTOTAL	\$1,304.00
TAX (6.0%)	\$78.24
TOTAL	\$1,382.24

M7284Q1009

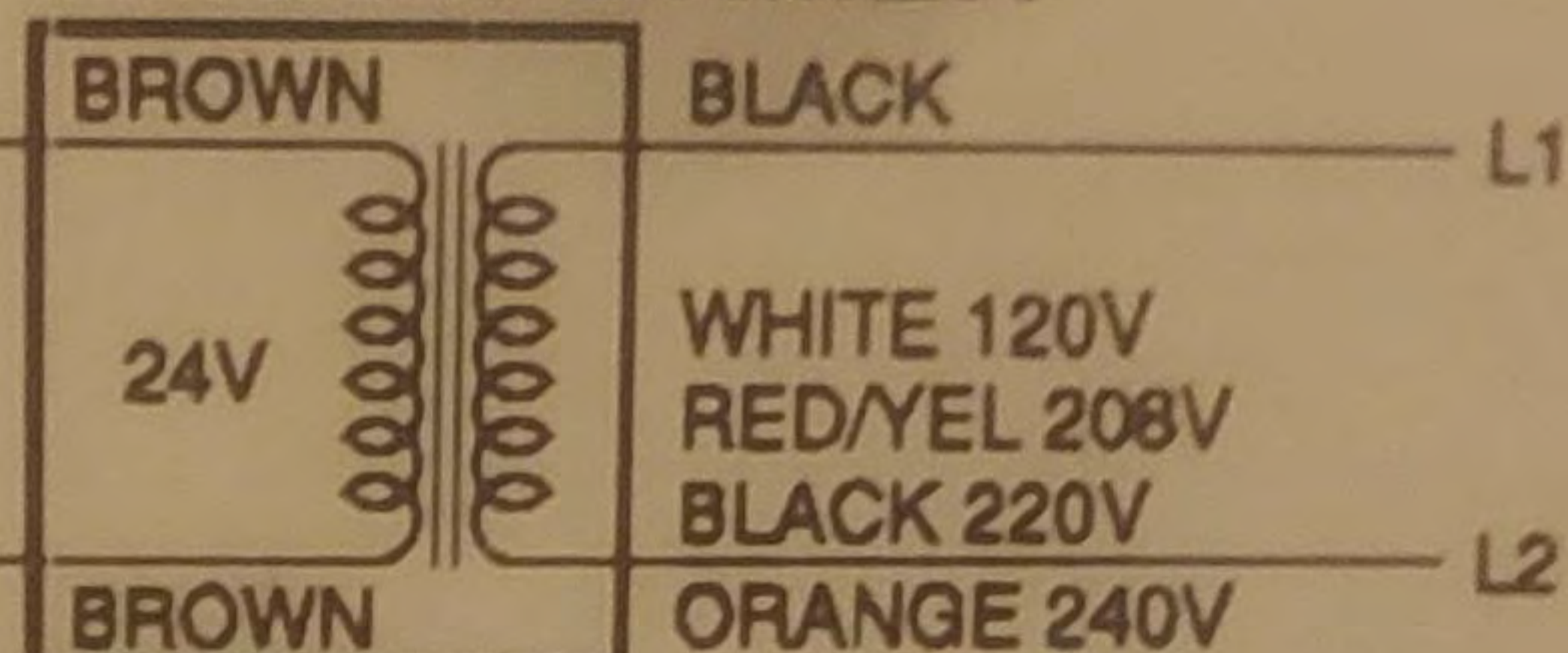
CONTROLLER



MOTOR



TRANSFORMER



NOTE:

WIRE ALL CIRCUITS NEC CLASS 1. USE COPPER CONDUCTORS ONLY. SEE EXTERNAL NAMEPLATE FOR RATINGS. INSULATE UNUSED SWITCH LEADS. 150°F MAX. AMB. 25% DUTY CYCLE AT 22 SEC. MAX. ON TIME. SUPPLY WIRE: 90°C MIN. IMPEDANCE PROTECTED. WIRING MUST AGREE WITH LOCAL APPLICABLE CODES, ORDINANCES, AND REGULATIONS.

FOR MODELS WITH AUXILIARY SWITCHES

SWITCH RATINGS:

FULL LOAD: 120V, 7.2A 240V, 3.6A
LOCKED ROTOR: 120V, 43.2A 240V, 21.6A

OPPOSITE CONTACT:

40 VA PILOT DUTY AT 120 - 240 VAC

MAX. BRANCH CIRCUIT

OVERCURRENT PROTECTION:

20A, 240VAC
UTILISER DES FILS D'ALIMENTATION
POUR AU MOINS 90°C.

SWITCH LEAD DESIGNATION:

BLACK/
BLUE-N.O.

BLACK/
YELLOW-N.C.

BLACK/RED TR.
COMMON

BLUE-N.O.

YELLOW-N.C.

RED COMMON

HONEYWELL

1885 DOUGLAS DRIVE
MPLS., MN 55422

97-4407 REV. A

ATTENTION: Check for field added accessories to determine proper replacement motor.

TRANSFORMER? IF SO, WHAT VOLTAGE ON PRIMARY?

24V 120V 208V 220V 240V

AUXILIARY SWITCHES? IF SO, HOW MANY?

1 2

IF INTERFACE MODULE ADDED, WHICH MODEL?

Q7130A1006

Q7230A1005

Q7330A1004

Q7630A1001

ADDITIONAL ACCESSORIES?

97-4245 REV. B