COMPONENTS ARE MOUNTED ON THE FAN BOX REAR PANEL AND INTERCONNECT TO THE FAN BOX TRAY

J1
LINE (1)
NEUT (2)
GND
APPLIANCE INLET
IEC 320 TYPE C19
16-3688

CB1
20A
ON/OFF
CIRCUIT BREAKER
15-3183

FL1
EMI FILTER
20 A
13-3570

GND
M6 BOLT
FAN BOX

GND
M6 BOLT
FAN BOX

INPUT RATED:
200-208/220/230-240 V ac,
50/60 HZ, 16 A.

NORTH AMERICAN POWER SUPPLY CORD
TYPE: CSA/UL, No 12/3 AWG
PLUG: L6-20P (Locking Twist Type, rated 250 V ac, 20 A).
16-3772

EUROPEAN POWER SUPPLY CORD
TYPE: HAR, 1.55 sq. mm
PLUG: None (Industrial Type B Specified)
16-3715

VR2 (Line-Neut)
VR1 (Line-Gnd)
VR3 (Neut-Gnd)
SG1
SG2
SG3
VARISTOR AND SPARKGAP LEADS & BODY
ARE SLEEVED WITH HEATSHRINK

TB1
16-3665

NOTE: LIFT GROUND FROM TERMINAL 5
OF TB1 FOR HIPOT TEST

GND
M4 BOLTS
FAN BOX
WIRING TRAY

CB4
5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

16-3666

FAN BOX
WIRING TRAY

TB4
16-3666

FAN BOX
WIRING TRAY BULKHEAD

P6
CONNECTOR INTEGRAL TO BLOWER
B1
THERMAL HEAD
BLOWER
200-240V
15-3155
MATE1X5
MATE1X5
BACKSHELL

GND
M4 BOLT
FAN BOX
WIRING TRAY

COMPONENTS ARE MOUNTED ON THE FAN BOX FLOOR AND INTERCONNECT TO THE FAN BOX WIRING TRAY

TB3
T2 - PROOFING OPTION

CB3
6A
END PANEL MOUNT
CIRCUIT BREAKER
15-3215

P8
J8
MATE1X3
MATE1X3

CONFIGURED FOR 200-208V
REFER TO TABLE FOR
FOR 220V & 230-240V.

1380VA
13-4726

Leads integral to transformer connect
bewteen terminal block and connector.

TERMINAL BLOCK WIRING CONFIGURATION			
74-3152A	LINE VOLTAGE		
WIRE COLOUR	200-208	220	230-240
BROWN (BRN)	2	1	1
BLUE (BLU)	8	8	8
RED (RED)	4-6	4-6	4-5

TB2
T1

CB2
12A
CIRCUIT BREAKER
END PANEL MOUNT
15-3211

CONFIGURED FOR 200-208V
REFER TO TABLE FOR
FOR 220V & 230-240V.

2000 VA
13-4749

Leads integral to transformer
connect bewteen terminal blocks.

J9
P9
MATE1X2
MATE1X2

K2
15-3213
24V DC COIL

GND
M4 BOLT
FAN BOX
WIRING TRAY

J10
P10
MATE2X3
MATE2X3

M3
VACUUM MOTOR
115V
15-3220
10-0546A
PROOFING OPTION

GND
M4 BOLT
FAN BOX
WIRING TRAY

J2
P2
MATE1X3
MATE1X3

AC INPUT
TO MAINFRAME
BULKHEAD

GND
M4 BOLT
FAN BOX
WIRING TRAY

TB5

CB5
5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

K1
15-3213
24V DC COIL

FILTER BOX
P3
J3
B2
SYSTEM BLOWER
115 V
15-3214
MATE1X4
BACKSHELL
MATE1X4
11-0541A

GND
M4 BOLT
FAN BOX
WIRING TRAY

SELV CIRCUITRY

TO MAINFRAME
TRENDSETTER ENGINE
ELECTRONICS BOARD J19
(RELAY COIL
CONTROL CIRCUITRY)

J7
P7

BLK 22	BLK 22	CBL	CABLE DETECT
BLK 22	WHT 22	DTC	CABLE DETECT
RED 22	RED 22	+24V	SYSTEM BLOWER
RED 22	GRY 22	GND	SYSTEM BLOWER
ORG 22	ORG 22	+24V	VACUUM MOTOR
ORG 22	BLU 22	GND	VACUUM MOTOR
YEL 22	YEL 22	+24V	SPARE 1
YEL 22	VIO 22	GND	SPARE 1
BRN 22	BRN 22	+24V	SPARE 2
BRN 22	PNK 22	GND	SPARE 2
NC	TAN 22	+24V	SPARE 3
NC	GRN 22	GND	SPARE 3

24 V DC
COIL VOLTAGE
FOR SPARE
RELAYS K3,K4
(RELAYS NOT
INSTALLED)

MATE3X4
MATE3X4
SELV CIRCUITRY

GND
M4 BOLT
FAN BOX
WIRING TRAY

GND
M5 BOLT
MAIN CHASSIS

CB6
5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

FAN1
FAN BOX INTAKE FAN
115V
15-3023

GND
M4 BOLT
FAN BOX
WIRING TRAY

P5
J5
FAN2
VACUUM MOTOR FAN
115V
15-3023
MATE1X3
BACKSHELL
MATE1X3
PROOFING OPTION

GND
M4 BOLT
FAN BOX
WIRING TRAY

FAN BOX
WIRING TRAY

FAN BOX
WIRING TRAY BULKHEAD

C DENOTES CHANGES TO THIS DRAWING UNDER THIS REVISION

Error :	IMAGING DEVICE, MODEL TRENDSETTER FAN BOX SCHEMATIC
DESIGNED BY: K POULIN	DOCUMENT NUMBER: 11-0441D-C-WD01
LAST ECO: ECO # B954	
DRAWN BY: K POULIN	LAST REVISED BY: K POULIN
APPROVED BY:	
DESIGN DATE: 21-Nov-1997	LAST MODIFIED DATE:
SHEET: 1of1	

COMPONENTS ARE MOUNTED ON THE FAN BOX REAR PANEL AND INTERCONNECT TO THE FAN BOX TRAY

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NEUT (2)
GND
APPLIANCE INLET
IEC 320 TYPE C19
16-3688

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20A
ON/OFF
CIRCUIT BREAKER
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FL1
EMI FILTER
20 A
13-3570

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M6 BOLT
FAN BOX

GND
M6 BOLT
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VR3 (Neut-Gnd)
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16-3665

NOTE: LIFT GROUND FROM TERMINAL 5
OF TB1 FOR HIPOT TEST

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FAN BOX
WIRING TRAY

CB4
5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

16-3666

FAN BOX
WIRING TRAY

TB4
16-3666

FAN BOX
WIRING TRAY BULKHEAD

P6
CONNECTOR INTEGRAL TO BLOWER
B1
THERMAL HEAD
BLOWER
200-240V
15-3155
MATE1X5
MATE1X5
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M4 BOLT
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T2 - PROOFING OPTION

CB3
6A
END PANEL MOUNT
CIRCUIT BREAKER
15-3215

P8
J8
MATE1X3
MATE1X3

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TB2
T1

CB2
12A
CIRCUIT BREAKER
END PANEL MOUNT
15-3211

CONFIGURED FOR 200-208V
REFER TO TABLE FOR
FOR 220V & 230-240V.

2000 VA
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MATE1X2
MATE1X2

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15-3213
24V DC COIL

GND
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FAN BOX
WIRING TRAY

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MATE2X3

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VACUUM MOTOR
115V
15-3220
10-0546A
PROOFING OPTION

GND
M4 BOLT
FAN BOX
WIRING TRAY

J2
P2
MATE1X3
MATE1X3

AC INPUT
TO MAINFRAME
BULKHEAD

GND
M4 BOLT
FAN BOX
WIRING TRAY

TB5

CB5
5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

K1
15-3213
24V DC COIL

FILTER BOX
P3
J3
MATE1X4
BACKSHELL
MATE1X4
B2
SYSTEM BLOWER
115 V
15-3214
11-0541A

GND
M4 BOLT
FAN BOX
WIRING TRAY

SELV CIRCUITRY

J7
P7
MATE3X4
MATE3X4
SELV CIRCUITRY

TO MAINFRAME
TRENDSETTER ENGINE
ELECTRONICS BOARD J19
(RELAY COIL
CONTROL CIRCUITRY)

24 V DC
COIL VOLTAGE
FOR SPARE
RELAYS K3,K4
(RELAYS NOT
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FAN BOX
WIRING TRAY

GND
M5 BOLT
MAIN CHASSIS

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5A
CIRCUIT BREAKER
END PANEL MOUNT
15-3173

FAN1
FAN BOX INTAKE FAN
115V
15-3023

GND
M4 BOLT
FAN BOX
WIRING TRAY

P5
J5
MATE1X3
BACKSHELL
MATE1X3
FAN2
VACUUM MOTOR FAN
115V
15-3023
PROOFING OPTION

GND
M4 BOLT
FAN BOX
WIRING TRAY

FAN BOX
WIRING TRAY

FAN BOX
WIRING TRAY BULKHEAD

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SHEET: 1 of 1	