

# BUILDING DRYERS



TECHNICAL MANUAL

(SD312757 Issue 15)



## CONTENTS

SECTION	DESCRIPTION	PAGE
1	User Safety Instructions.....	1 -3
2	Performance Graph.....	4
3	General Data Sheet.....	4
4	Wiring Diagrams.....	5
5	Refrigeration Schematic.....	6
6	Spare Parts Lists.....	7 - 16
8	Condensate Pump Options (fitting instructions).....	17 - 20
9	Humidistat Options (fitting instructions).....	21
10	Wheel/Handle Kit.....	22
11	Hours Run Meter Kit.....	23
12	Air Inlet Filter (fitting instructions).....	24



## USER & SAFETY INSTRUCTIONS FOR BUILDING DRIERS

### HEALTH AND SAFETY AT WORK ACT 1974

Under Section 6 of the above act, it is the duty of the manufacturers and suppliers of products for use at work, to ensure, so far as reasonably practicable, that such products are safe and without risk to health when properly used and to make available to such users, adequate information about their safe and proper operation.

Please pay particular attention to the safety precautions and user instructions below, which will help to give you trouble free use of the equipment.

### HANDLING AND TRANSPORT:-

Building Driers must be operated in the position indicated overleaf or severe damage to components will result.

### GENERAL

1. Position unit(s) centrally or, in the case of more than one unit, equidistant throughout the space being dried.
2. Ensure all DOORS and WINDOWS are kept closed.
3. Ensure temporary access to the area is SCREENED using polythene sheets or equal.
4. Ensure the air grilles are kept free of any obstruction.

### ELECTRICAL SUPPLY:-

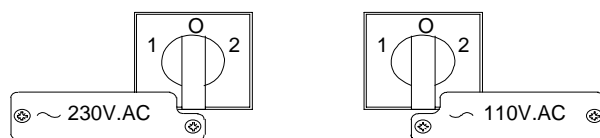
#### SAFETY

- a) Ensure the power supply is EARTHED CORRECTLY.
- b) Avoid the use of long cable runs which will cause voltage drop. Use only approved extension cables. The voltage at the dryer must be within 10% of the selected voltage. Where doubt exists, the voltage should be measured at the dryer. If found to be outside the limit, DO NOT USE. Contact the supplier for assistance.
- c) DO NOT remove any covers or otherwise interfere with the equipment.

Dependent on model type, the components in the unit may be rated for 110v or 230v operation. Some units may be fitted with a dual 110/230 auto-wound transformer. Normally the unit will have been set to the appropriate supply specified by the user, before delivery is made. Appropriate label plate fitted at switch clearly indicates the voltage settings at any given time.

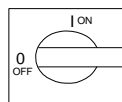
ENSURE THE UNIT IS CONNECTED TO THE APPROPRIATE SUPPLY BEFORE SWITCHING UNIT ON 220/230V fused at 13A. 100/115v fused at source.

#### 5. (i) DH35 SWITCH



MODEL DH35 AJX (DUAL VOLTAGE)

SHOWING PLATE/LABEL POSITION FOR APPROXIMATE VOLTAGE RATING



MODEL DH35 AX  
(230V AC ON/OFF ONLY)

6. When used with an electric generator, the following minimum capacities are required:-

DH35 = 4 KVA minimum

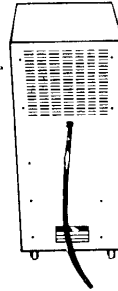
The above capacities are in order to overcome the initial starting surge associated with all Building Dryers and which may up to 4 or 5 times the normal running current. IF A UNIT IS SWITCHED OFF FOR ANY REASON. ALWAYS ALLOW A MINIMUM OF 5 MINUTE BEFORE ATTEMPTING TO RE START. FAILURE TO DO SO WILL ALMOST CERTAINLY RESULT IN BLOWN FUSES/CIRCUIT BREAKERS AND COMPONENT DAMAGE TO THE UNIT.

### DRAINAGE

7. All models may either be fitted with a permanent drain hose leading to the outside or a temporary container can be provided adjacent to the unit.



WITH CONTAINER



DRAIN OUTLET  
WITH PERMANENT DRAINAGE

7. (i) Permanent Drainage: Normally a typical garden hose is utilised (1/2" bore) . Bear in mind, drainage relies on GRAVITY FLOW so ensure a constant 'FALL' away from unit. In very cold weather, the water in the hose may freeze and 'back-up' through the unit to cause overflow.

7 (ii) Temporary Container: Always use a closed top vessel to prevent re-evaporation of water back into the atmosphere. A clear sided container will better indicate when it requires emptying.

7 (iii) If condensate pump kit fitted, run 9mm O/D hose to waste (max head 30m).

### OPERATION

8. A building dryer incorporates a refrigeration circuit. As air passes over the cold surfaces of that circuit, the water vapour condenses into liquid, or if cold enough to ice. In the case of the latter, automatic defrosting facilities are provided which means that water is only seen to emerge from time to time but in considerable quantities. The majority of models produce a constant stream of water when the air temperature in the room is approximately 18°C/64°F and above whereas ice will form below this temperature. Many criteria determine the size of room in which particular models are compatible. An approximate guide follows:-

$$\text{DH35} = \text{Up To } 140\text{M}^3/5000\text{ft}^3$$

If individual units are used in smaller areas than described above, the continuous heat from the refrigeration circuit (heat pump) may cause the temperature to rise to 20°C and above, in this case, some extra ventilation is recommended. Rapid increases in air temperature will almost always result in surface cracking of wet materials because the surface dries out too quickly. Lower temperatures are preferred. Ventilation should only be introduced to an absolute minimum in order to stop the temperature rising to an unacceptable level. Any greater increase in ventilation rates will result in you trying to "dry the surrounding countryside".

If a humidistat kit is fitted, select required humidity (normal setting 60%) the machine will stop when this level is achieved.

8.(i) Refer to the OPERATING INSTRUCTIONS label mounted on the unit before switching ON.

**FAULT CONDITION:-**

9. Special skills and techniques are required for the diagnosis and repair of refrigeration based units, IT IS NOT A JOB FOR THE UNQUALIFIED.

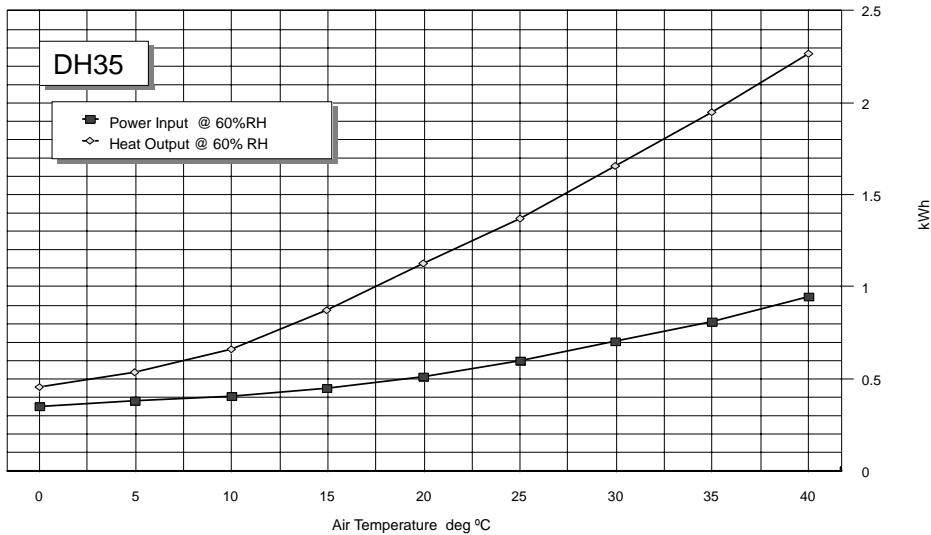
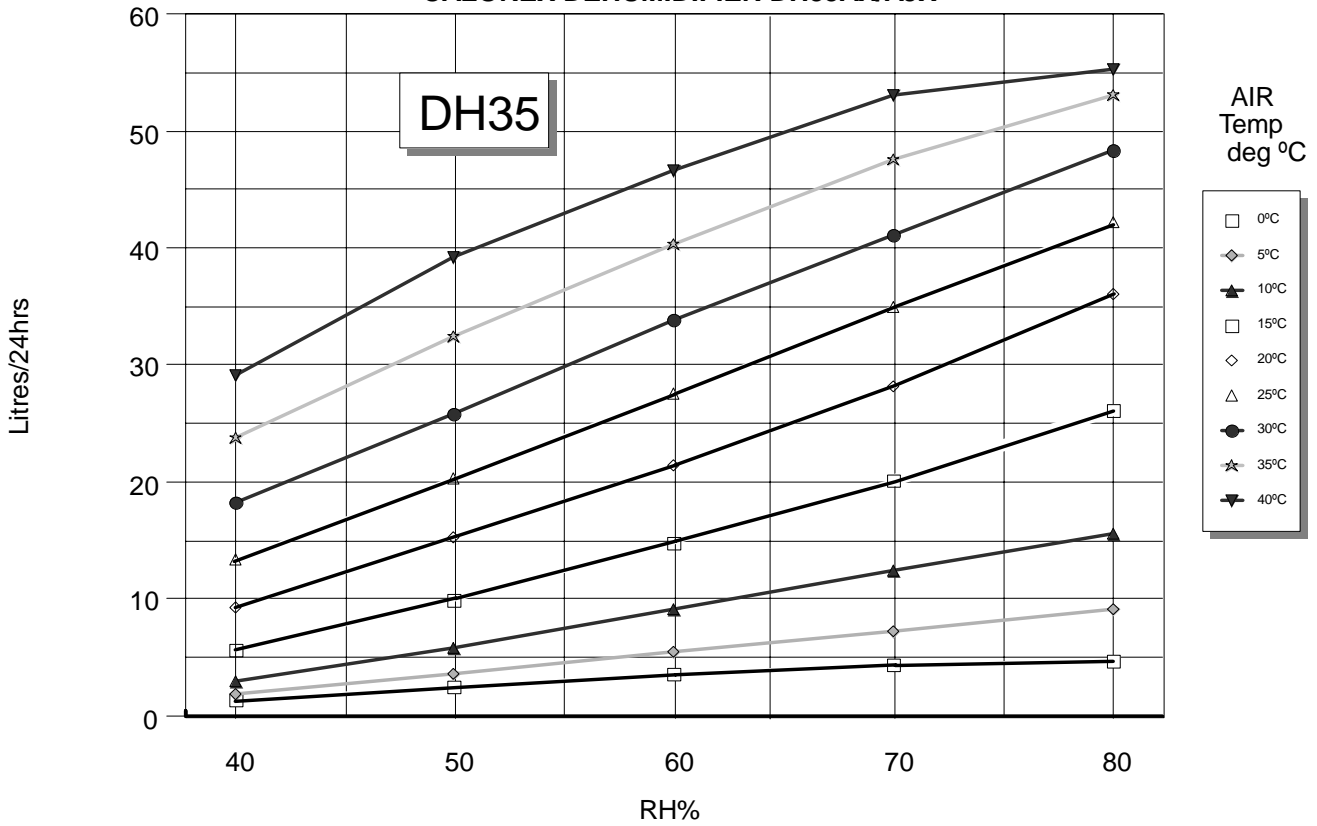
9. (i) If the unit continuously blows fuses then there is a likelihood of low voltage at the end of the trailing cable.

9. (ii) If the unit freezes up into a solid block of ice around the air inlet grille, SWITCH OFF IMMEDIATELY and call your supplier.

9. (iii) AFTER SWITCHING OFF ALWAYS WAIT AT LEAST 5 MINUTES BEFORE ATTEMPTING RE-START.



### CALOREX DEHUMIDIFIER DH35AX/AJX



DATA SHEET.	UNITS.	DH35AJX		DH35AX
		110v	230v	230v
<b>Electrical Data:-</b>				
F.L.A.	Amps.	9	4	4
L.R.A.	Amps.	33	15	15
Maximum Supply Fuse.	Amps.	13	13	13
Average Power Consumed.	Watts.	650		650
Maximum Power Consumed.	Watts.	976		976
Supply Voltage Limits.	%	-10/+15		-10/+15
Air Flow.	m <sup>3</sup> /hr	380		380
Sound Level @ 3m.	dbA	57		57
<b>Dimensions:- Machines with castors.</b>				
Height.	mm	820		820
Width.	mm	365		365
Depth.	mm	363		363
Weight.	kg	38		38

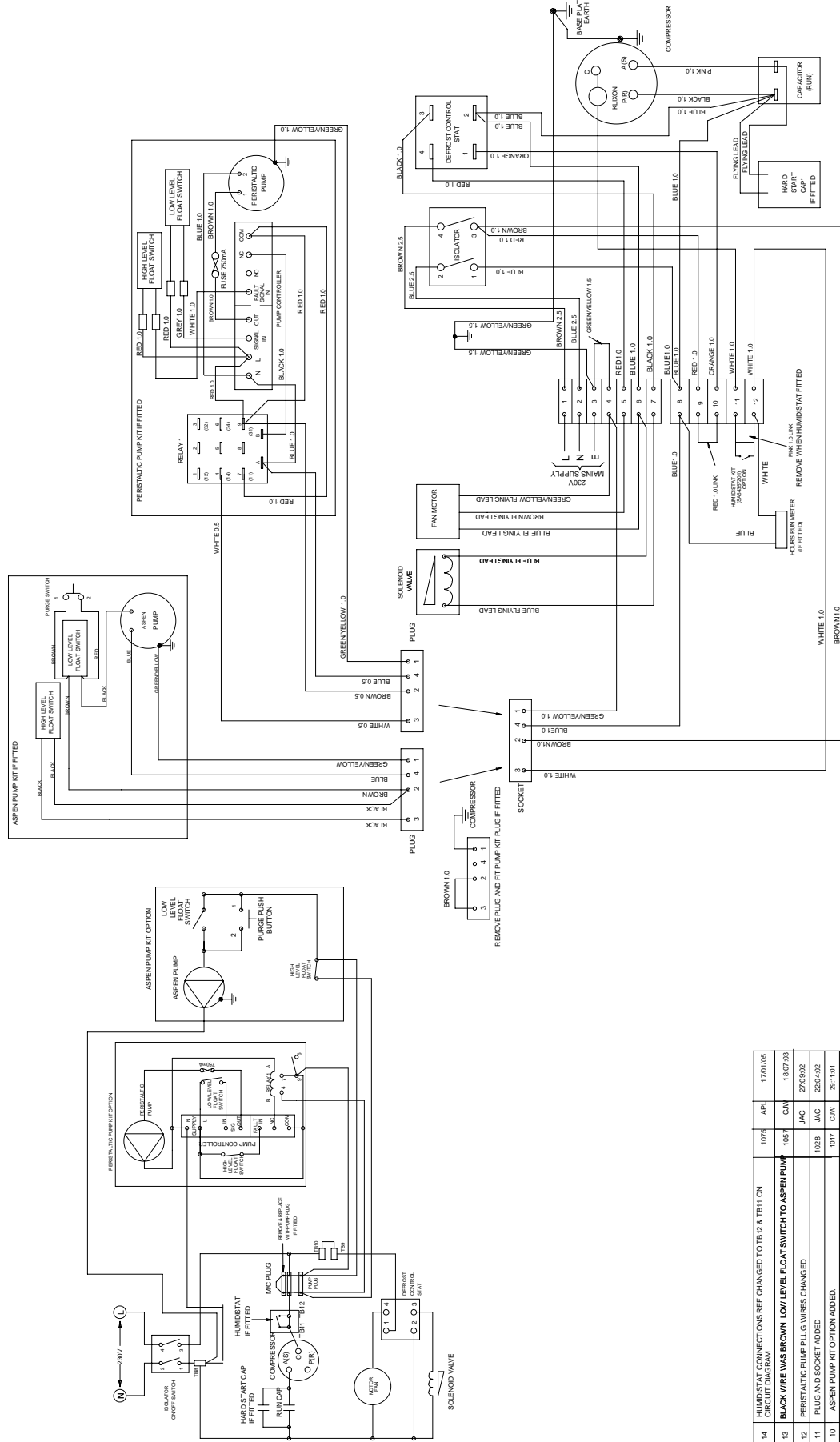
# WIRING DIAGRAM SINGLE VOLTAGE VERSION (AX) 230vac 50HZ

DO NOT SCALE PRINT



IF IN DOUBT ASK

DRG NO. D353151



ISS	DATE	APPD	DATE	CIN	APPD	DATE
1	AS DRAWN		14-8-94			
2	CONDENSATE PUMP KIT ADDED		20-8-94			
3	HUMIDISTAT ALTERED		27-7-94			
4	HARD START CAP DELETED (NOW IF FITTED)		30-10-95			
5	FUSE VALUE WAS 500MA		6-9-96			
6	TERMINAL BLOCKS ADDED		4-3-95			
7	RELAY 1 TERMINALS 4 WAS 3		26-5-99			
8	HOURS RUN METER ADDED		980	GSN	13-6-00	
9	ALTERNATIVE COMPRESSOR TERMS ADDED		1007	JAC	3-03-01	
10	ASPEN PUMP KIT OPTION ADDED		1017	C/W	29-11-01	
11	PLUG AND SOCKET ADDED		1028	JAC	22-04-02	
12	PERISTALTIC PUMP PLUG WIRES CHANGED		1057	C/W	18-07-03	
13	BLACK WIRE WAS BROWN LOW LEVEL FLOAT SWITCH TO ASPEN PUMP		1075	C/W	18-07-03	
14	HUMIDISTAT CONNECTIONS REF CHANGED TO TB12 & TB11 ON CIRCUIT DIAGRAM		1076	APR	17-01-05	

0353251 ISS 14

**colorax**  
CALCONE HEAT PUMPS LTD  
UCC.

DRAWING CHANGE

INS	DATE	APPD	DATE	CIN	APPD	DATE
1	AS DRAWN		14-8-94			
2	CONDENSATE PUMP KIT ADDED		20-8-94			
3	HUMIDISTAT ALTERED		27-7-94			
4	HARD START CAP DELETED (NOW IF FITTED)		30-10-95			
5	FUSE VALUE WAS 500MA		6-9-96			
6	TERMINAL BLOCKS ADDED		4-3-95			
7	RELAY 1 TERMINALS 4 WAS 3		26-5-99			
8	HOURS RUN METER ADDED		980	GSN	13-6-00	
9	ALTERNATIVE COMPRESSOR TERMS ADDED		1007	JAC	3-03-01	
10	ASPEN PUMP KIT OPTION ADDED		1017	C/W	29-11-01	
11	PLUG AND SOCKET ADDED		1028	JAC	22-04-02	
12	PERISTALTIC PUMP PLUG WIRES CHANGED		1057	C/W	18-07-03	
13	BLACK WIRE WAS BROWN LOW LEVEL FLOAT SWITCH TO ASPEN PUMP		1075	C/W	18-07-03	
14	HUMIDISTAT CONNECTIONS REF CHANGED TO TB12 & TB11 ON CIRCUIT DIAGRAM		1076	APR	17-01-05	

ALL SHARP EDGES AND BURRS TO BE REMOVED

TOLERANCE UNLESS SPECIFIED

HOLES TO BS 4606 E12

INSPECTION LEVEL

DIMS

TITLE

WIRING DIAGRAM

FASTOR 39AX

DRG NO. **D353151**

SCALE

DATE

14-8-94

NA

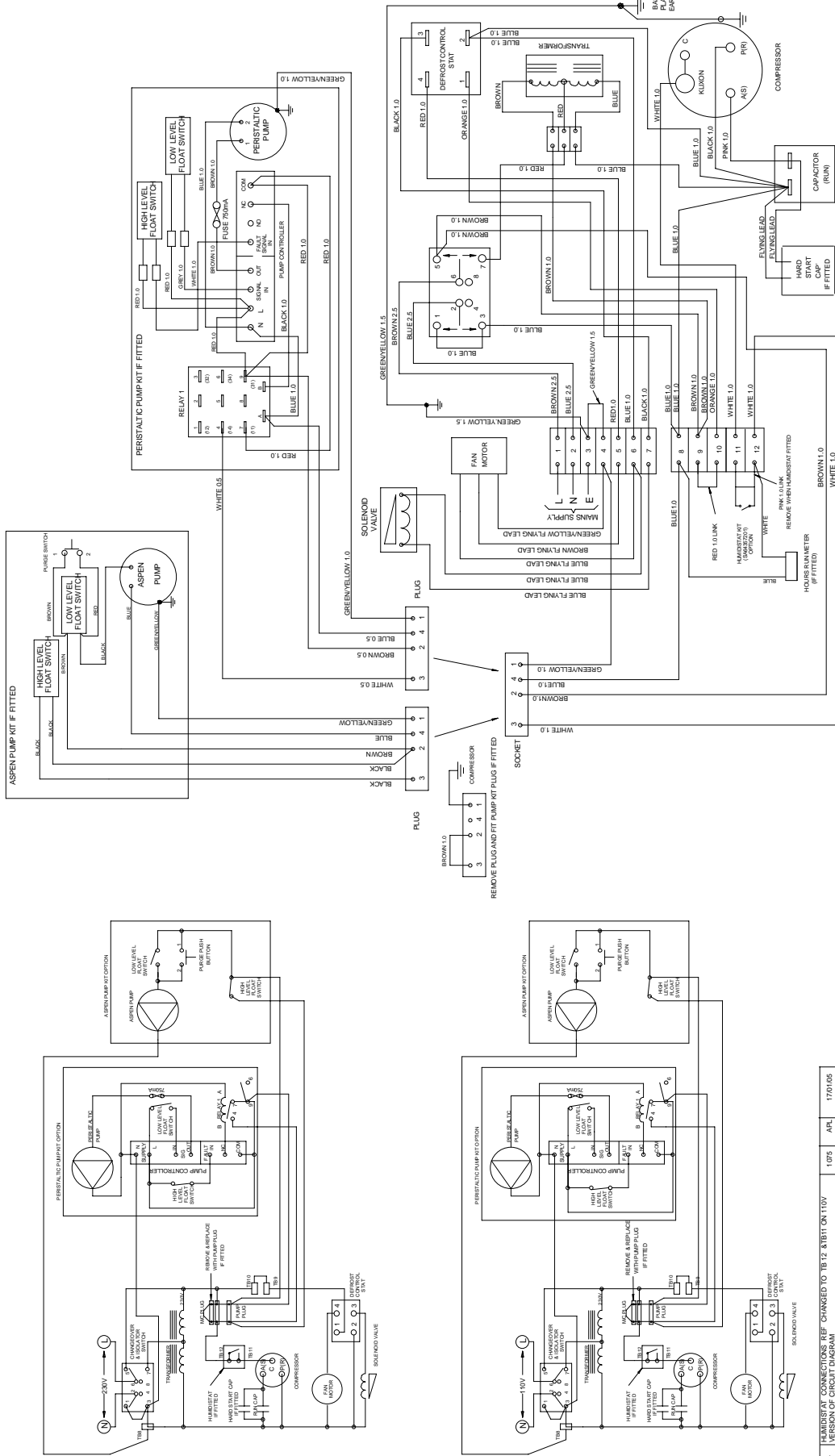
# WIRING DIAGRAM DUAL VOLTAGE VERSION (AJX) 110/230vac 50HZ

DRG NO. D353150

IF IN DOUBT ASK

3/4 ANGLE PROJECTION

DO NOT SCALE PRINT



ISS	DESCRIPTION	CN	APPD	DATE
14	HUMIDISTAT CONNECTIONS REF CHANGED TO TB12 & TB11 ON 110V VERSION OF CIRCUIT DIAGRAM	1025	ARC	17/01/05
13	BLACK WIRE WAS BROWN LOW LEVEL FLOAT SWITCH O ASPEN PUMP	1067	CJM	18/7/03
12	PERISTALTIC PUMP PLUG WIRE CHANGED	JAC	27/09/02	
11	PLUG AND SOCKET ADDED	JAC	22/04/02	
10	ASPEN PUMP WIRING ADDED	1077	CJM	03/12/01
9	ALTERNATIVE COMPRESSOR TERMS ADDED	1007	JAC	30/04/01
8	HOURS RUN METER ADDED	989	GSM	13/4/00
7	TERMINAL BLOCKS ADDED	951	JAC	6/3/98
6	FUSE VALUE WAS 500MA	933	GSM	5/6/98
5	HARD START CAP ADDED (NOT FITTED)	916	JAC	28/10/95

DRAWING CHANGE



Calorex HEAT PUMPS LTD  
U.K.

MATERIAL FINISH  
INSPECTION LEVEL DIMS

TOLERANCE UNLESS SPECIFIED  
HOLES TO BS 459 E12

WIRING DIAGRAM  
DUAL VOLTAGE FASTRIDE/304K

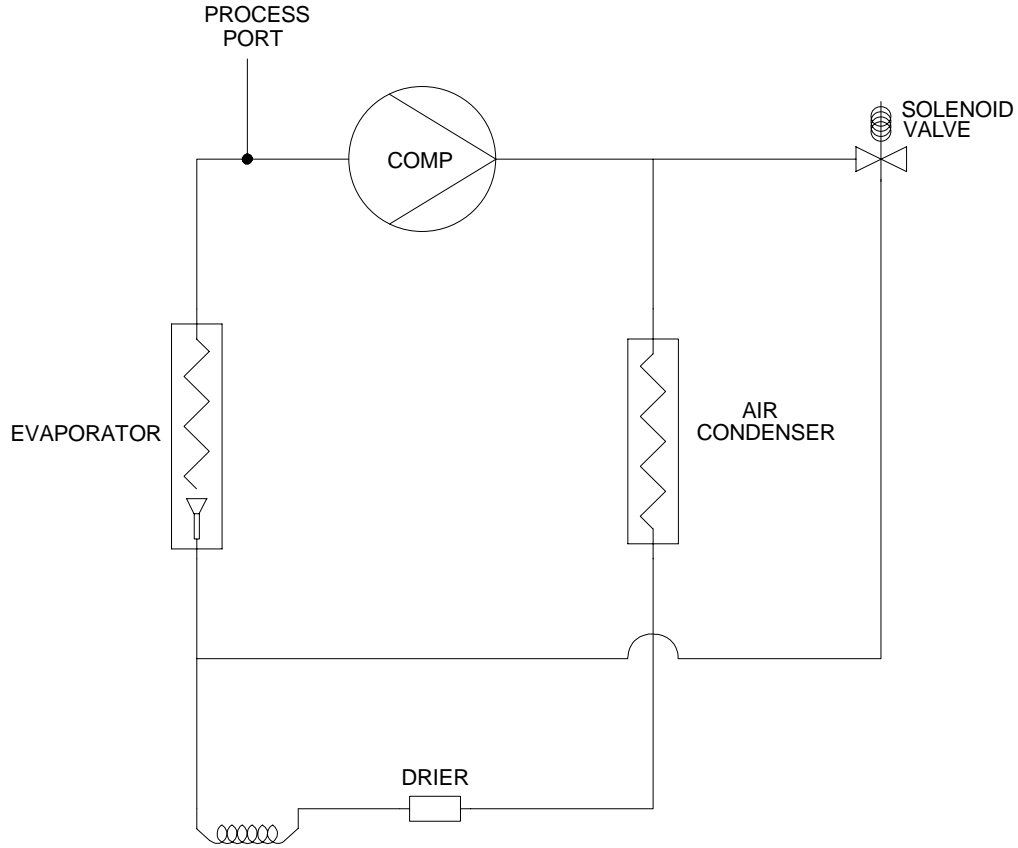
ALL SHARP EDGES AND BURRS TO BE REMOVED

DATE	APPROVED	SCALE
14.8.94	JAC	NA

DRG No. D353150

LABEL 06453259 05 14





CAPILLARY FOR R407C MACHINES

FD30/DH35/HD500 0.052" X 48"  
 HD580/DH65 0.052" X 33.5" X 2

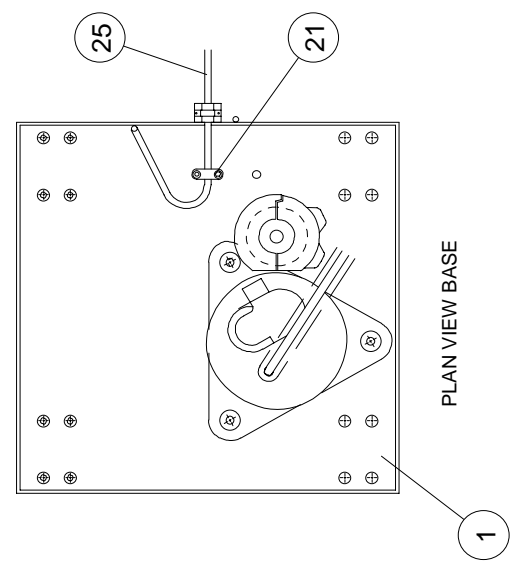
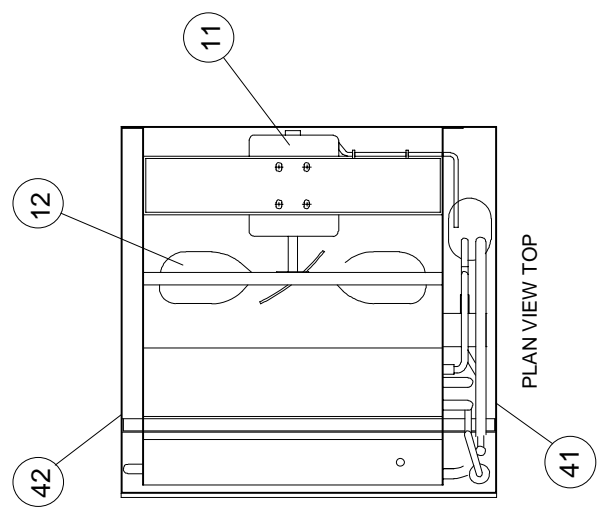
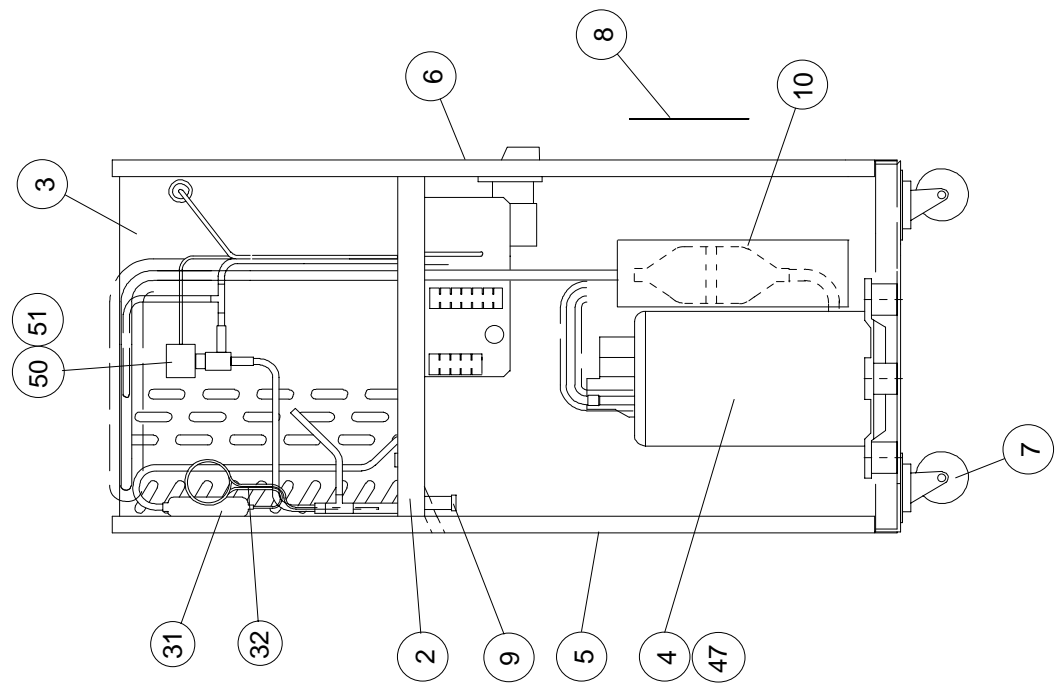
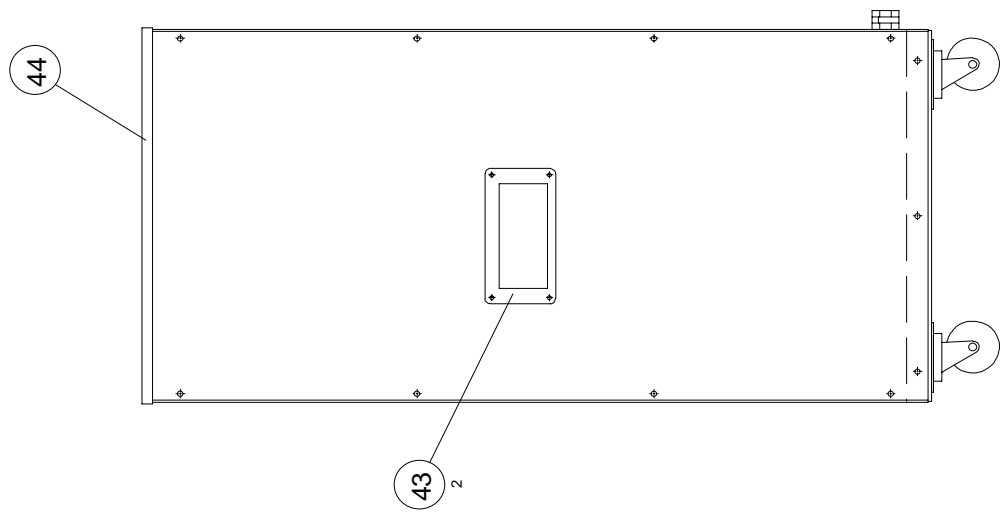
ALL SHARP EDGES AND  
 BURRS TO BE REMOVED

IF IN DOUBT ASK

				INSPECTION LEVEL		DIMS					
3	CAPILLARY LENGTH WAS 70"	982	MJH	29:09:99	TOLERANCE UNLESS SPECIFIED						
2	EVAP CORRECTED, MODEL 30 ADDED.			14:4:94	HOLES TO BS 4500 E12						
1	AS DRAWN			9:11:92	FINISH						
ISS		C/N	APPD	DATE							
DRAWING CHANGE											
<p style="text-align: center;"><b>CALOREX</b><sup>®</sup></p> <p style="text-align: center;">© CALOREX HEAT PUMPS LTD 1992                  U.C.C.</p>					DRAWN GM	CHECKED	APPD	DATE 9:11:92	SCALE NTS	SHT No 1	CONT' ---

**DRG No. D64318350**

# MAIN ASSEMBLY DH35AX (230V).



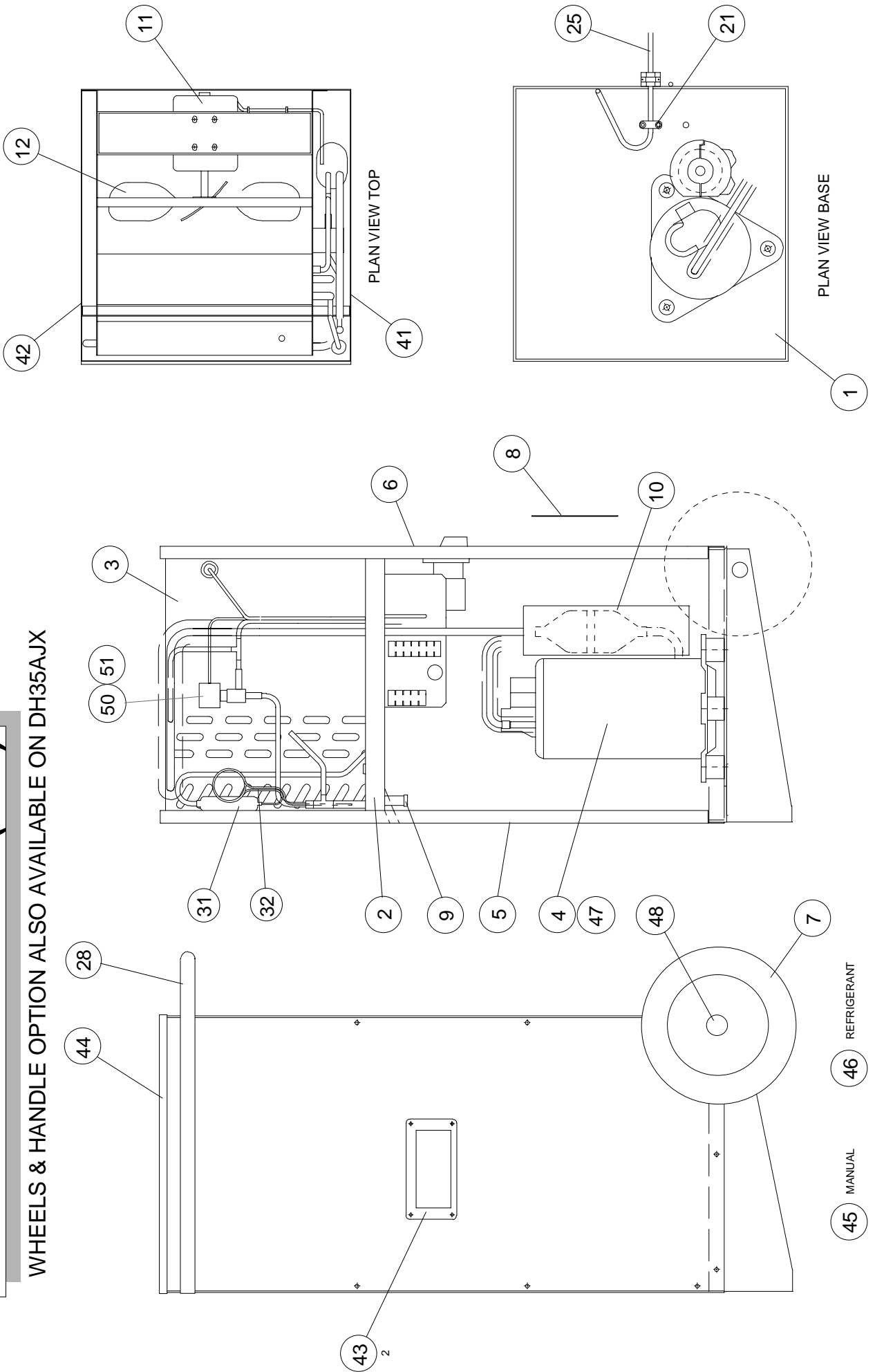
- 45 MANUAL
- 46 REFRIGERANT

## DH35AX MAIN ASSEMBLY

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64352301	BASE PLATE	1.000
2	SA64356601	DRIP TRAY ASSY 35AX	1.000
3	SA64352103	EVAP/COND ASSY FOR R407C	1.000
4	SD64353350	ROTARY COMPRESSOR RK5480C	1.000
5	SD64352401	SIDE PANEL (AIR IN)	1.000
6	SD64352501	SIDE PANEL (AIR OUT)	1.000
7	SD64314350	CASTOR (62-00-227)	4.000
8	SD64356350	BLANKING PLATE	1.000
9	SD64369350	PLASTIC INSERT (BUNG)	1.000
10	SD64383250	INSULATION MOULDING	1.000
11	SD64313651	FAN MOTOR	1.000
12	SD64313750	FAN BLADE	1.000
21	SD64028750	CABLE CLAMP	2.000
25	SA64314408	PLUG/LEAD ASSEMBLY 13A PLUG	1.000
25	SA64314407	PLUG/LEAD ASSEMBLY EUROPE	1.000
31	SD64040650	DRIER MOLECULOR SIEVE	1.000
32	SA64318250	CAPILLARY TUBE 0.052" BORE	1.219M
41	SD64368801	SIDE PANEL	1.000
42	SD64368802	SIDE PANEL	1.000
43	SD64314650	RECESS HANDEL (6200605)	2.000
44	SD64352650	COVER	1.000
45	SD64312754	USER MANUAL	1.000
46	SD64182554	REFRIGERANT R407C Kg	0.570
47	SD64335850	COMPRESSOR OVERLOAD	1.000
50	SD64146150	SOLENOID VALVE	1.000
51	SD64146250	SOLENOID COIL	1.000

# MAIN ASSEMBLY DH35AX (230V).

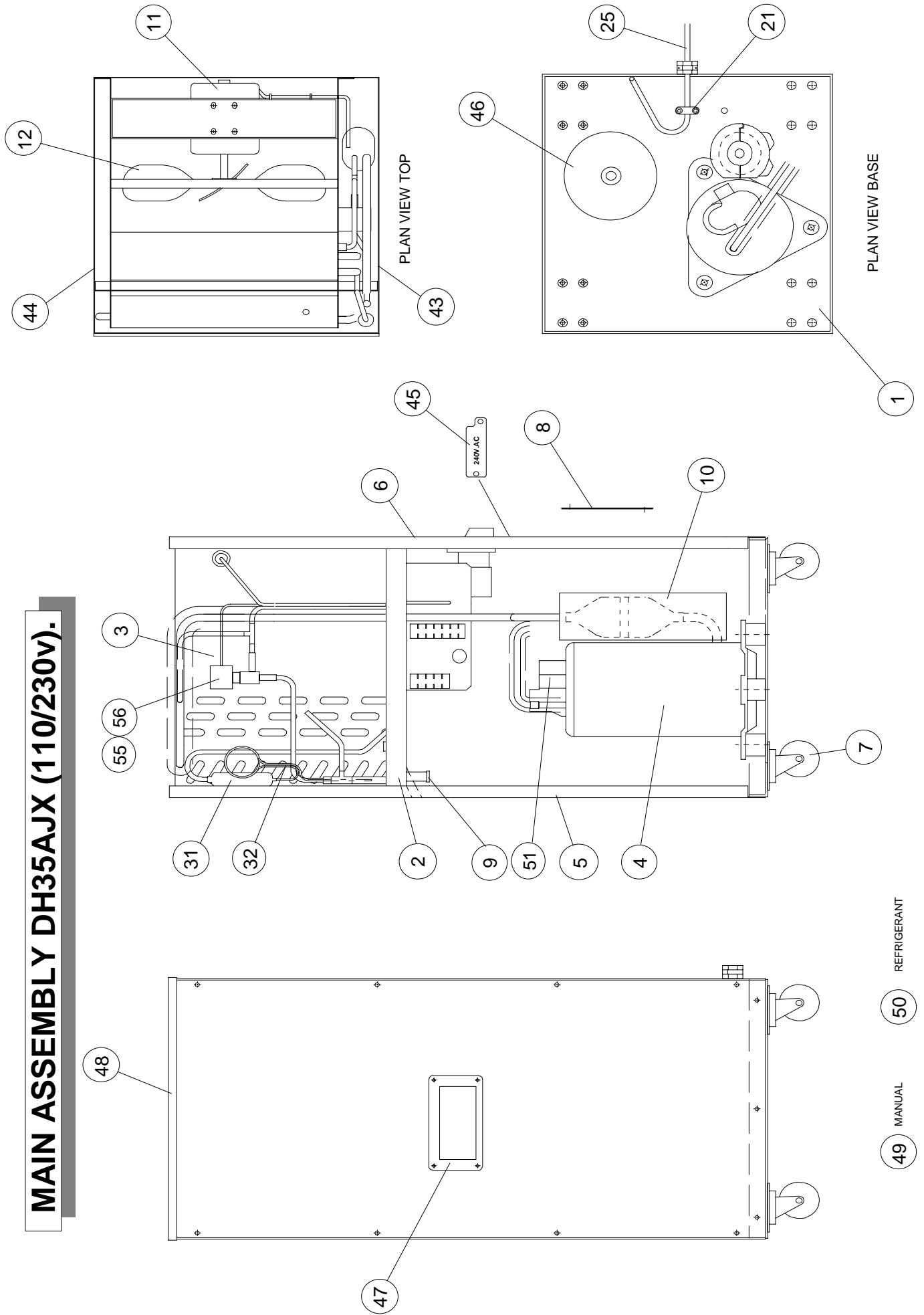
WHEELS & HANDLE OPTION ALSO AVAILABLE ON DH35AJX



### DH35AX MAIN ASSEMBLY (WHEELS)

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64352303	BASE PLATE	1.000
2	SA64356601	DRIP TRAY ASSY 35AX	1.000
3	SA64352103	EVAP/COND ASSY FOR R407C	1.000
4	SD64353350	ROTARY COMPRESSOR RK5480C	1.000
5	SD64352401	SIDE PANEL (AIR IN)	1.000
6	SD64352501	SIDE PANEL (AIR OUT)	1.000
7	SD64292251	WHEEL 200mm DIA	2.000
8	SD64356350	BLANKING PLATE	1.000
9	SD64369350	PLASTIC INSERT (BUNG)	1.000
10	SD64383250	INSULATION MOULDING	1.000
11	SD64313651	FAN MOTOR	1.000
12	SD64313750	FAN BLADE	1.000
21	SD64028750	CABLE CLAMP	2.000
25	SA64314408	PLUG/LEAD ASSEMBLY 13A PLUG	1.000
25	SA64314407	PLUG/LEAD ASSEMBLY EUROPE	1.000
28	SD64364151	HANDLE	1.000
31	SD64040650	DRIER MOLECULOR SIEVE	1.000
32	SA64318250	CAPILLARY TUBE 0.052" BORE	1.219M
41	SD64368801	SIDE PANEL	1.000
42	SD64368802	SIDE PANEL	1.000
43	SD64314650	RECESS HANDEL (6200605)	2.000
44	SD64352650	COVER	1.000
45	SD64312754	USER MANUAL	1.000
46	SD64182554	REFRIGERANT R407C Kg	0.570
47	SD64335850	COMPRESSOR OVERLOAD	1.000
48	SD64415850	SPINDLE	1.000
50	SD64146150	SOLENOID VALVE	1.000
51	SD64146250	SOLENOID COIL	1.000

# MAIN ASSEMBLY DH35AJX (110/230V).



REFRIGERANT

50

MANUAL

49

## DH35AJX MAIN ASSEMBLY

ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
1	SD64352301	BASE PLATE	1.000
2	SA64356602	DRIP TRAY ASSY 35AJX	1.000
3	SA64352103	EVAP/COND ASSY FOR R407C	1.000
4	SD64353350	ROTARY COMPRESSOR RK5480C	1.000
5	SD64352401	SIDE PANEL (AIR IN)	1.000
6	SD64352501	SIDE PANEL (AIR OUT)	1.000
7	SD64314350	CASTOR (62-00-227)	4.000
8	SD64356350	BLANKING PLATE	1.000
9	SD64369350	PLASTIC INSERT (BUNG)	1.000
10	SD64383250	INSULATION MOULDING	1.000
11	SD64313651	FAN MOTOR	1.000
12	SD64313750	FAN BLADE	1.000
21	SD64028750	CABLE CLAMP	2.000
25	SD64314410	LEAD SET (NO PLUG)	1.000
31	SD64040650	DRIER MOLECULOR SIEVE	1.000
32	SD64318250	CAPILLARY TUBE 0.052" BORE	1.219M
43	SD64368801	SIDE PANEL	1.000
44	SD64368802	SIDE PANEL	1.000
45	SD64353050	VOLTAGE PLATE	1.000
46	SD64353650	TRANSFORMER 240-120v	1.000
47	SD64314650	RECESS HANDEL (6200605)	2.000
48	SD64352650	COVER	1.000
49	SD64312754	USER MANUAL	1.000
50	SD64182554	REFRIGERANT R407C Kg	0.570
51	SD64335850	COMPRESSOR OVERLOAD	1.000
55	SD64146150	SOLENOID VALVE	1.000
56	SD64146250	SOLENOID COIL	1.000

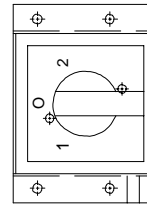
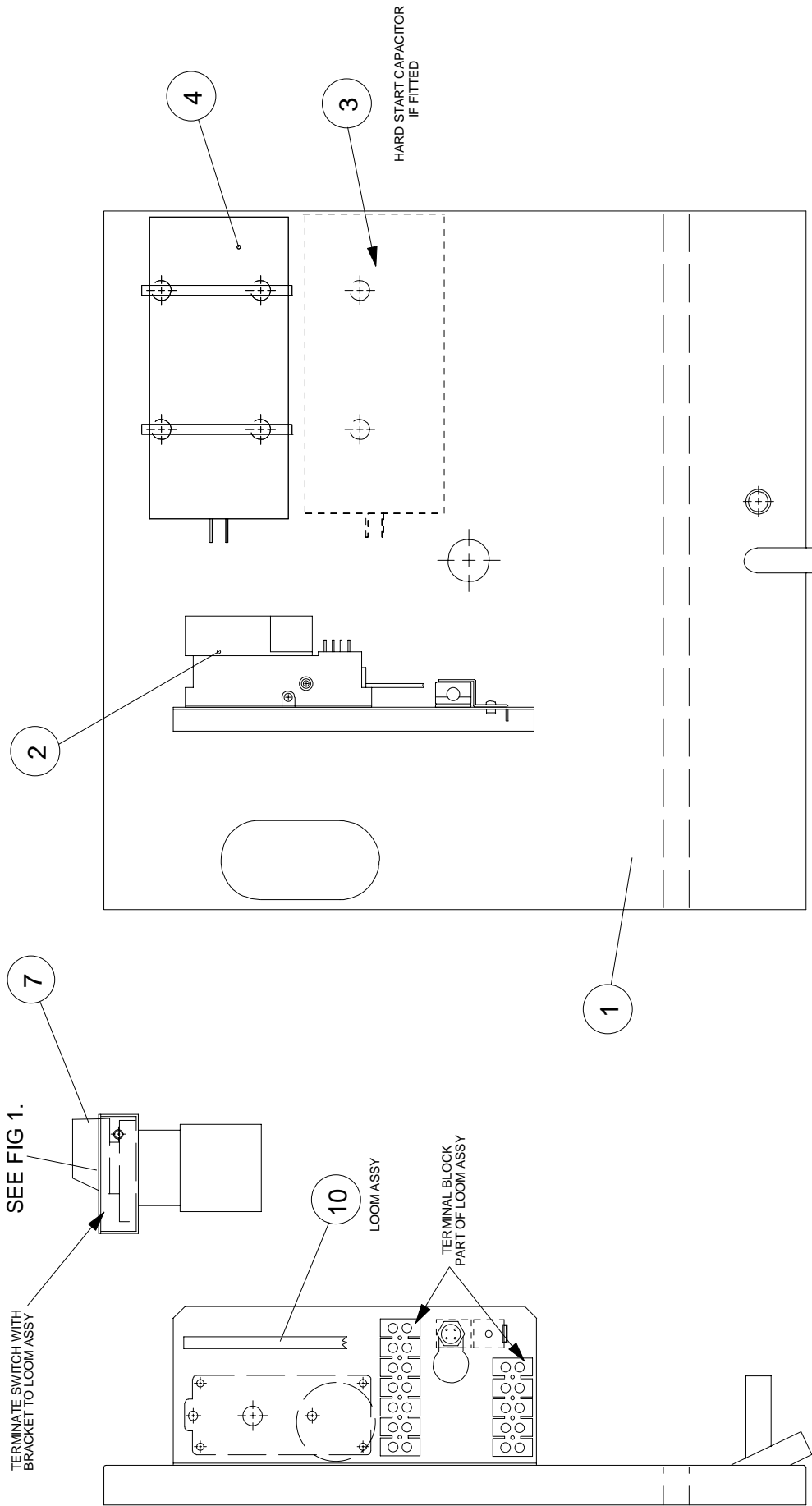
### DH35AX/AJX COLOUR OPTIONS

DRESDEN BLUE (BS4800 18D43)			
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
5	SD64352402	SIDE PANEL (AIR IN)	1.000
6	SD64352502	SIDE PANEL (AIR OUT)	1.000
8	SD64356351	BLANKING PLATE	1.000
43	SD64368803	SIDE PANEL	1.000
44	SD64368804	SIDE PANEL	1.000
45	SD64353051	VOLTAGE PLATE	1.000

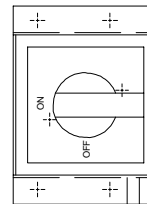
WHITE (RAL9010)			
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
5	SD64352403	SIDE PANEL (AIR IN)	1.000
6	SD64352503	SIDE PANEL (AIR OUT)	1.000
8	SD64356352	BLANKING PLATE	1.000
43	SD64368805	SIDE PANEL	1.000
44	SD64368806	SIDE PANEL	1.000
45	SD64353052	VOLTAGE PLATE	1.000

ULTRAMARINE BLUE (RAL5002)			
ITEM NO.	PART NO.	DESCRIPTION	QUANTITY
5	SD64352404	SIDE PANEL (AIR IN)	1.000
6	SD64352504	SIDE PANEL (AIR OUT)	1.000
8	SD64356353	BLANKING PLATE	1.000
43	SD64368807	SIDE PANEL	1.000
44	SD64368808	SIDE PANEL	1.000
45	SD64353053	VOLTAGE PLATE	1.000





EDITION 02  
DUAL VOLTAGE



EDITION 01  
230V

**DRIP TRAY ASSEMBLY DH35AX/AJX.**

**FIG 1.**

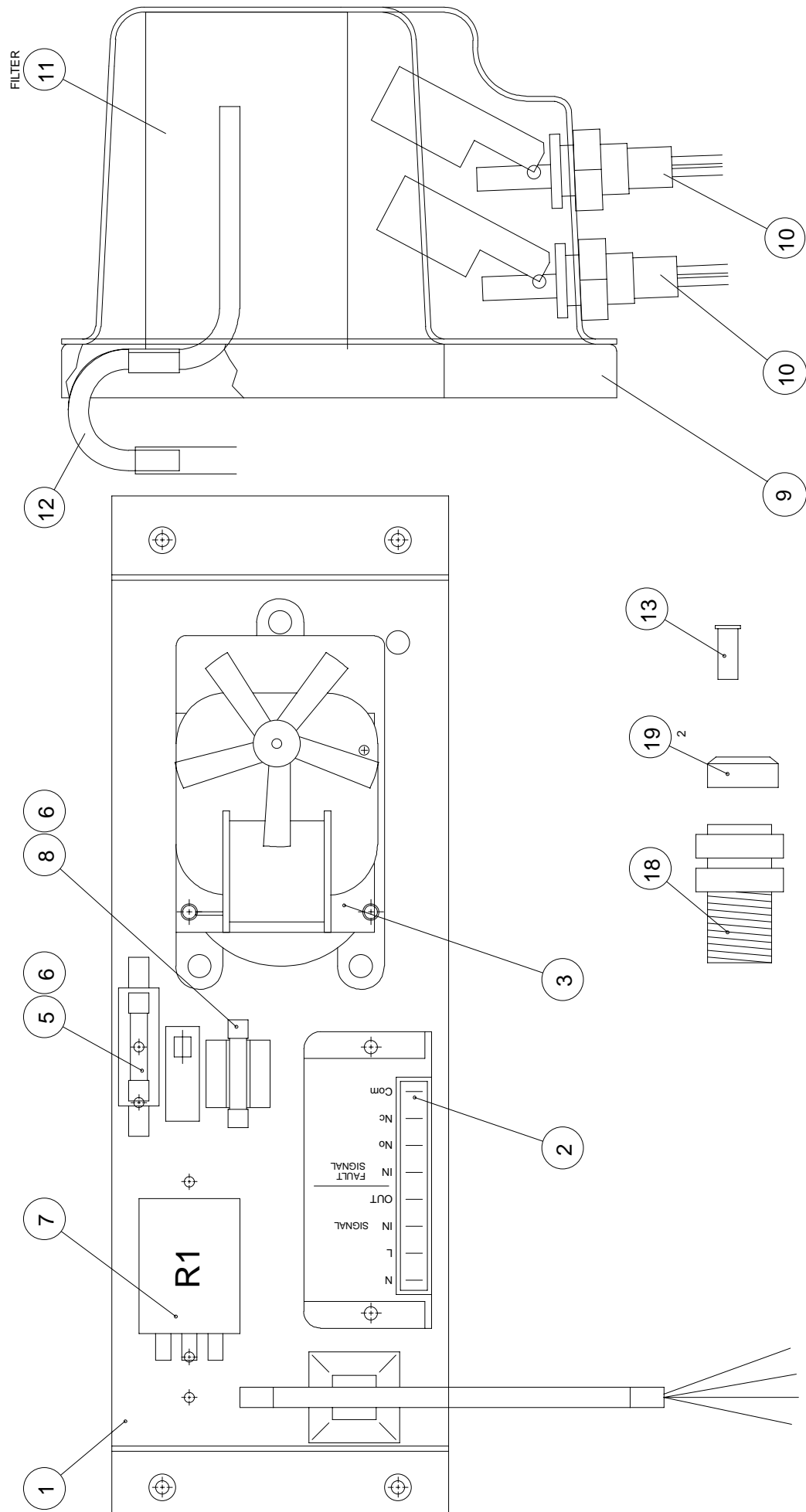
SA64356601            DRIP TRAY ASSEMBLY FD30AX

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64352201	DRIP TRAY	1.000
2	SA64145802	DEFROST STAT (CALIBRATED)	1.000
3	SD64073150	HARD START CAP/RELAY	OPTION
4	SD64020050	RUN CAP 25mfd 440v	1.000
7	SD64232154	ROTARY SWITCH (ON/OFF)	1.000
10	SA64356401	LOOM ASSY FASTDRI 30AX	1.000

SA64356602            DRIP TRAY ASSEMBLY FD30AJX

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64352201	DRIP TRAY	1.000
2	SA64145802	DEFROST STAT (CALIBRATED)	1.000
3	SD64073150	HARD START CAP/RELAY	OPTION
4	SD64020050	RUN CAP 25mfd 440v	1.000
7	SD64232153	ROTARY SWITCH (CHANGE OVER)	1.000
10	SA64356402	LOOM ASSY FASTDRI 30AJX	1.000

# CONDENSATE PUMP KIT (IF FITTED).

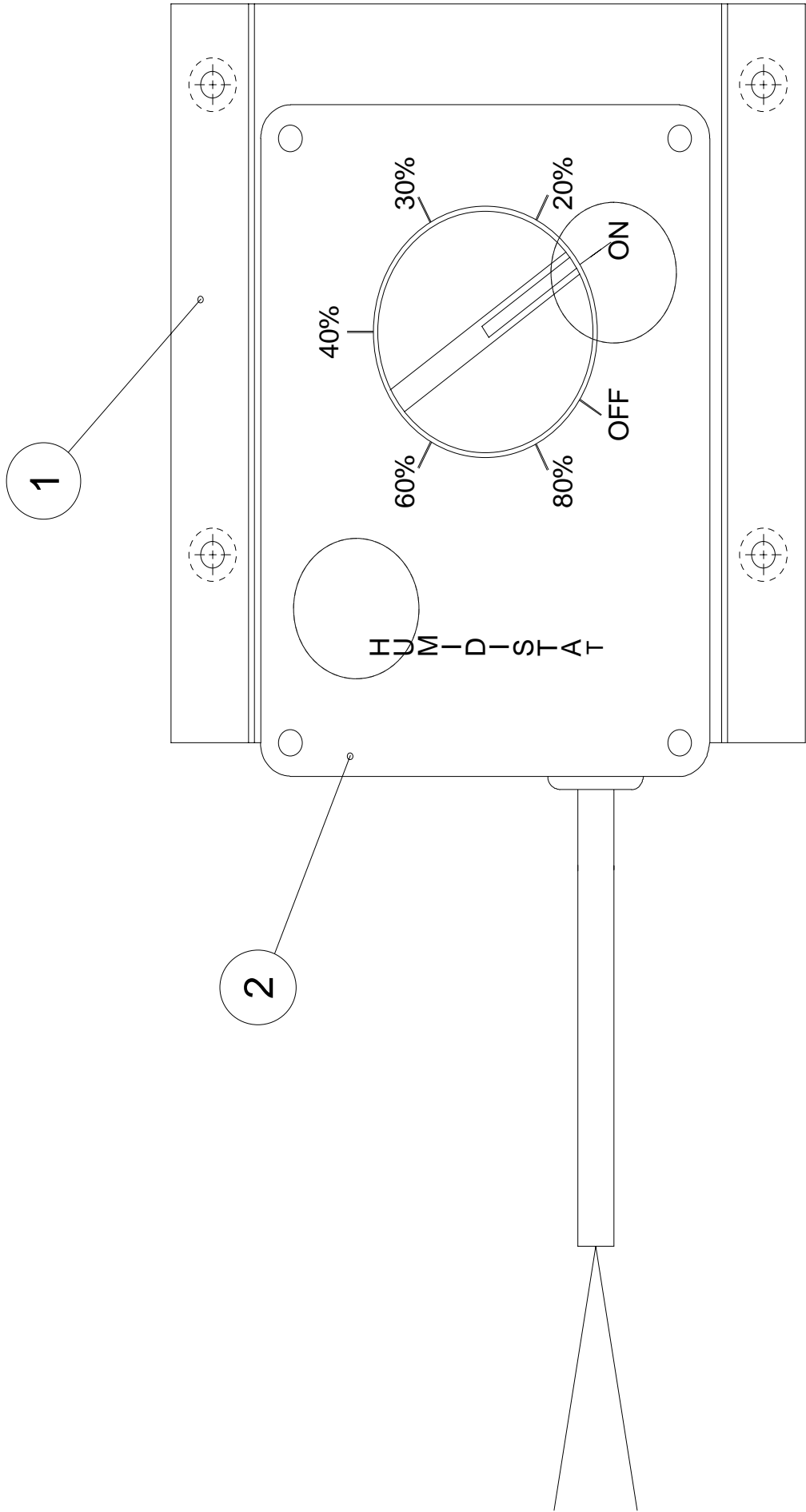


SA64356701 CONDENSATE PUMP KIT

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64356501	CONDENSATE PUMP BRACKET	1.000
2	SD64357350	PUMP CONTROLLER (62-00-561)	1.000
3	SD64294450	PERISTALTIC PUMP (62-00-198)	1.000
5	SD64216550	FUSE HOLDER	1.000
6	SD6435356	1/4 X 1 1/4 750mA FUSE	2.000
7	SD64189550	2 POLE RELAY	1.000
8	SD64079650	FUSE CLIP	1.000
9	SD64357801	SUMP	1.000
10	SD64294350	FLOAT SWITCH (62-00-554)	2.000
11	SD64306050	WATER FILTER	1.000
12	SD295551	SUMP TUBE (COPPER)	1.000
13	SD64295250	TUBE INSERT (62-00-094)	2.000
18	SD64294650	BULKHEAD CONN (62-00-091)	1.000
19	SD64294750	LOCKING COLLET (62-00-093)	2.000

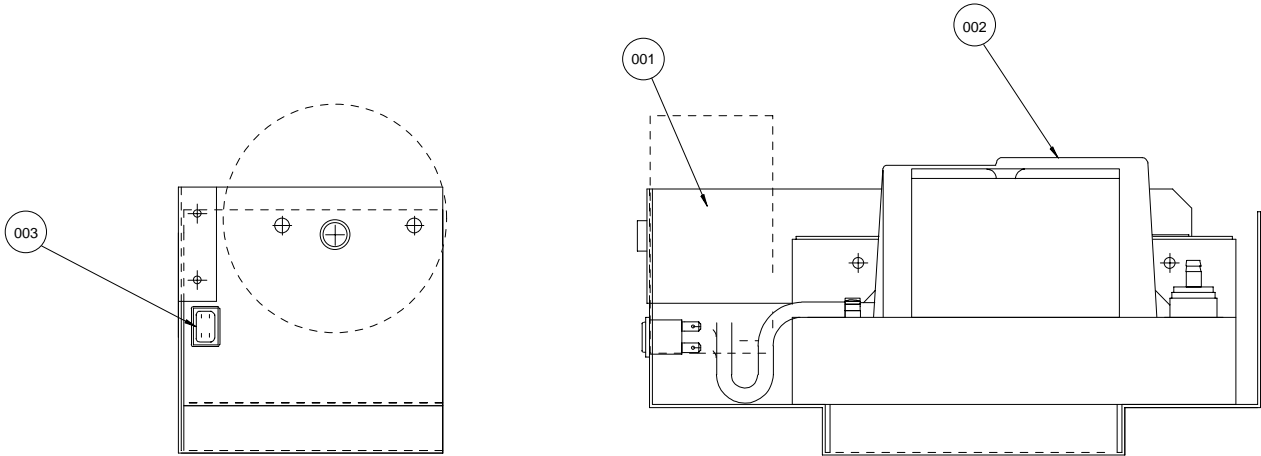
# SA64357201 HUMIDISTAT ASSEMBLY (IF FITTED).

ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64356101	BRACKET	1.000
2	SA64079301	HUMIDISTAT ASSY	1.000



SA356702 ASPEN PUMP ASSY (IF FITTED)

ITEM	PART No.	DESCRIPTION	QUANTITY
001	SA450001	PUMP BKT (FD30)	1.00
002	SA450101	PUMP ASPEN	1.00
003	SD450250	SWITCH MOMENTARY ON	1.00



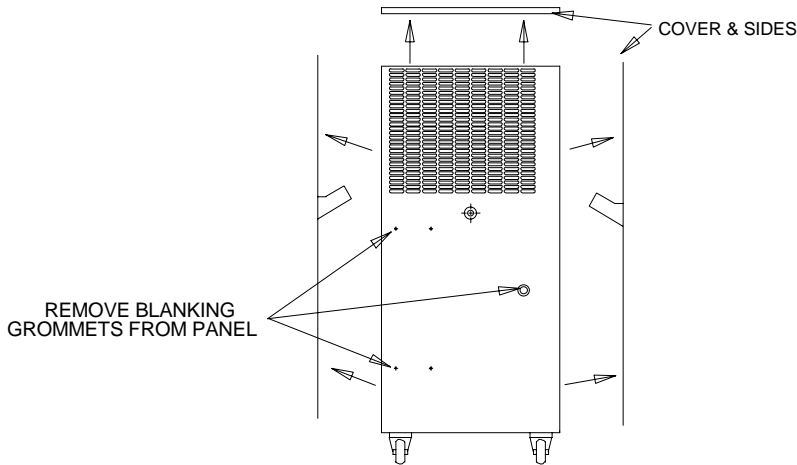
SA156301 HOURS RUN METER ASSY IF FITTED (NOT ILLUSTRATED)

ITEM	PART No.	DESCRIPTION	QUANTITY
001	SD64156351	HOURS RUN METER	1.00

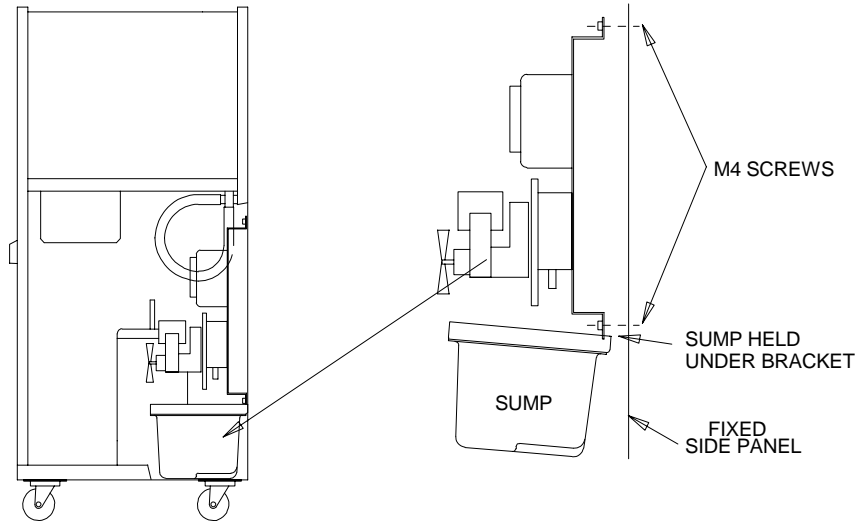
SD264654 AIR INLET FILTER KIT (NOT ILLUSTRATED)

ITEM	PART No.	DESCRIPTION	QUANTITY
001	SD264654	AIR FILTER	1.00

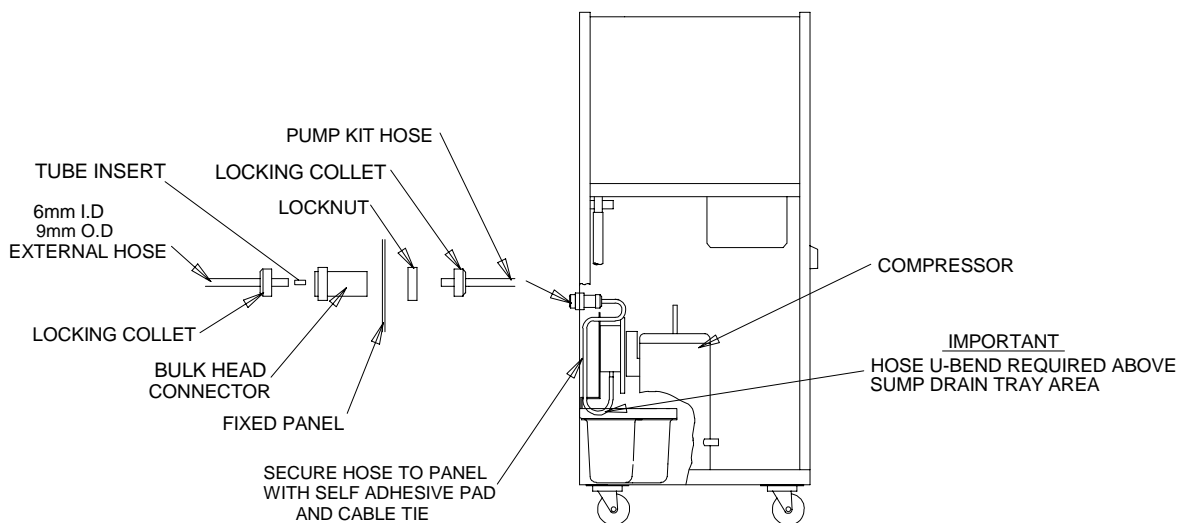
# PERISTALTIC PUMP KIT INSTALLATION INSTRUCTIONS



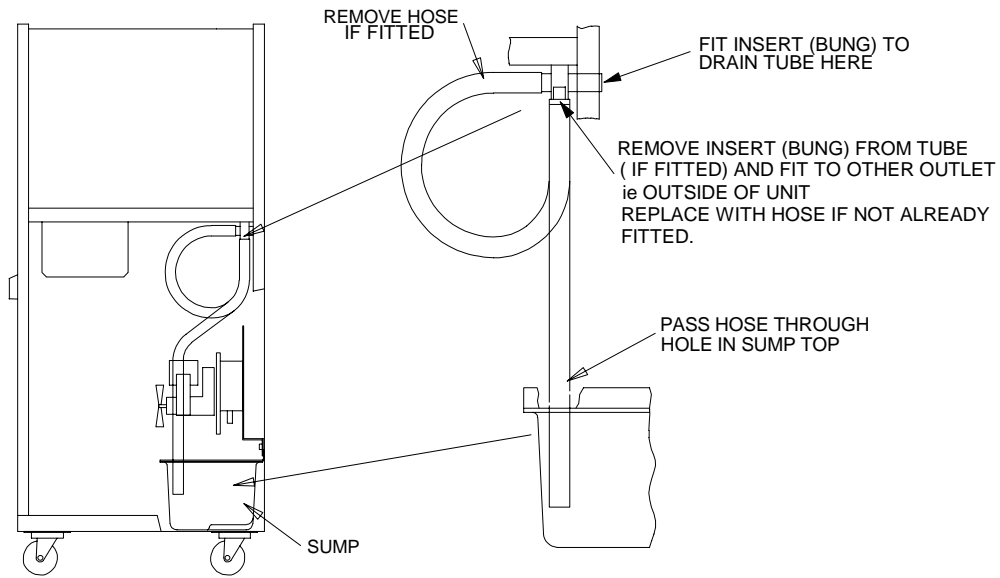
1. WITH MACHINE ISOLATED FROM MAINS SUPPLY, REMOVE SCREWS & LIFT OFF COVER. REMOVE 5 OFF BLANKING PLUGS FROM FIXED PANEL AS SHOWN.



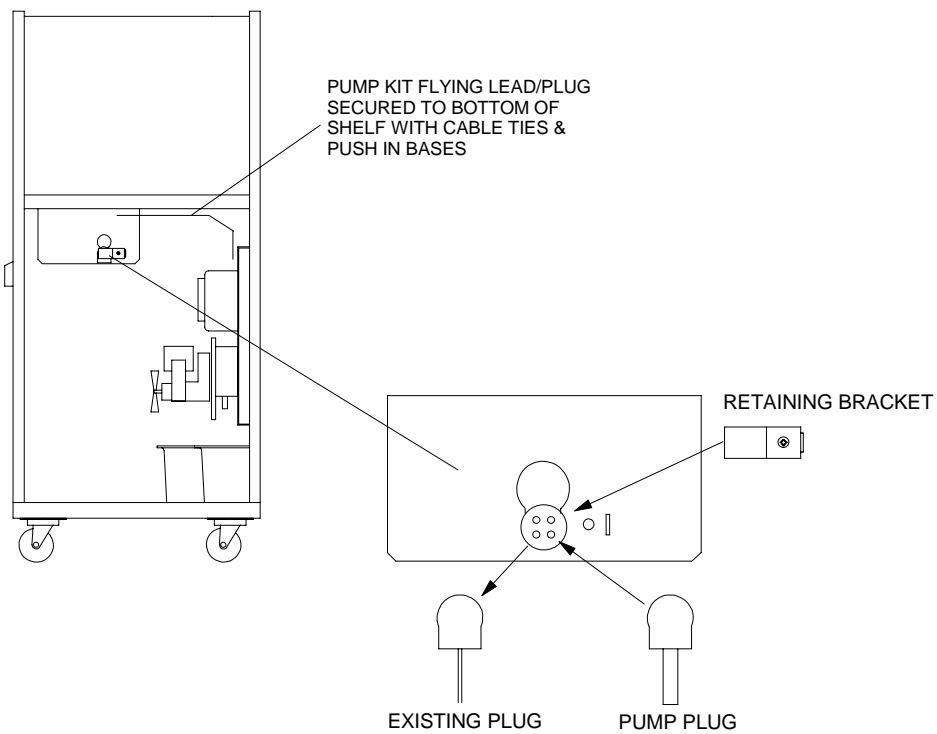
2. FIT CONDENSATE KIT INTO POSITION AS SHOWN USING M4 SCREWS SUPPLIED. NOTE METHOD OF SECURING SUMP UNDER BACKET.



3. ASSEMBLE BULKHEAD & HOSE CONNECTIONS THROUGH PANEL AS SHOWN. ENSURE HOSE IS NOT IN CONTACT WITH COMPRESSOR.



4. REMOVE ONE END OF HOSE FROM DRIP TRAY (IF FITTED) AS SHOWN ABOVE & FIT THROUGH HOLE IN SUMP, ENSURE HOSE IS NOT IN CONTACT WITH COMPRESSOR BODY.  
NOTE. INSERT (BUNG) MUST BE FITTED TO ORIGINAL EXTERNAL DRAIN OUTLET.

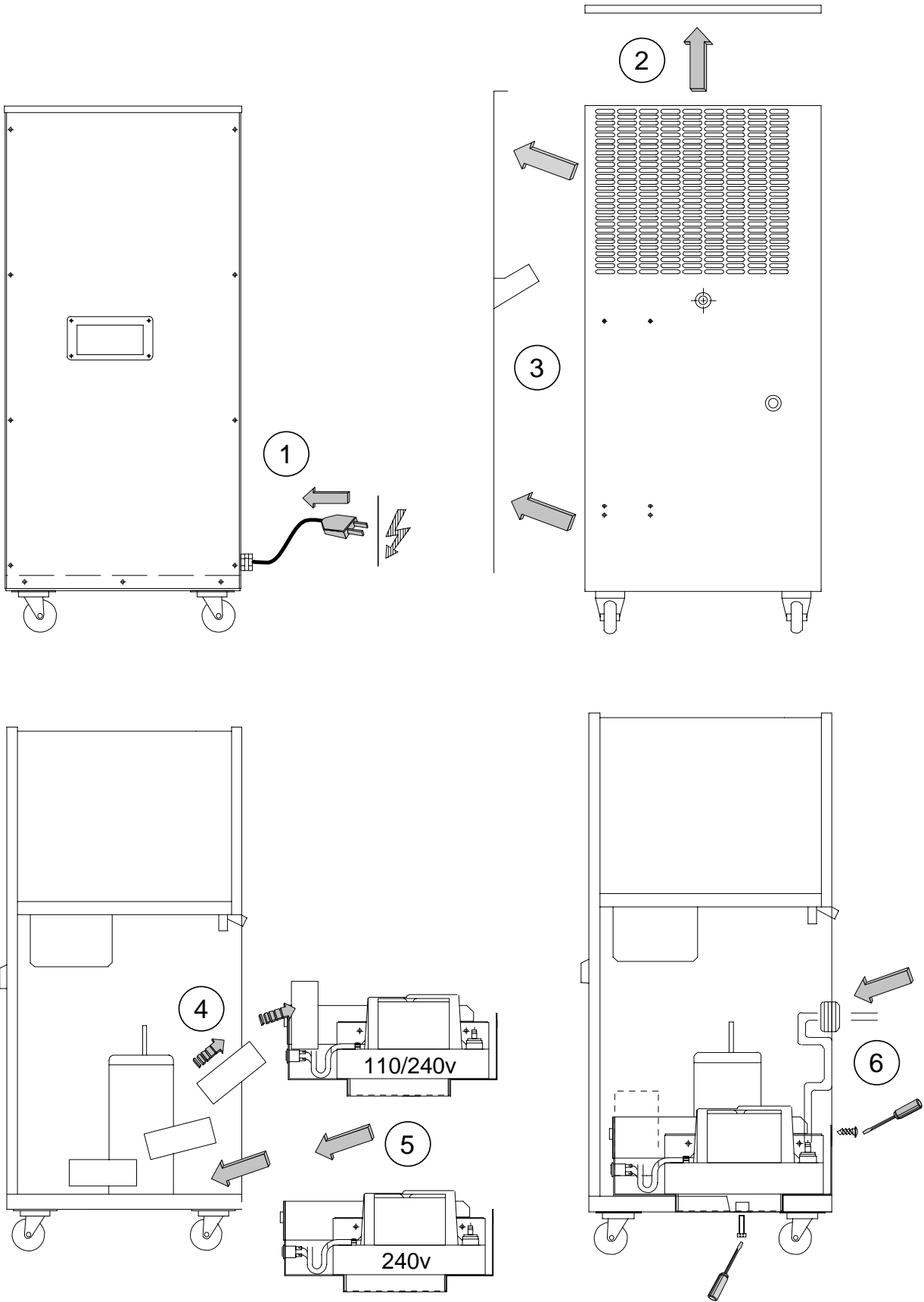


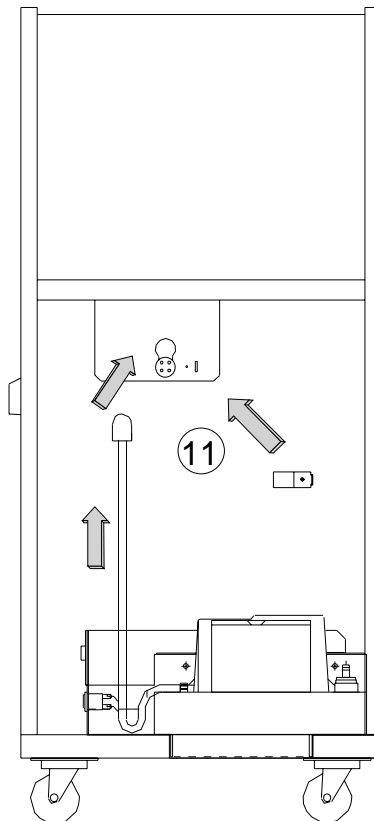
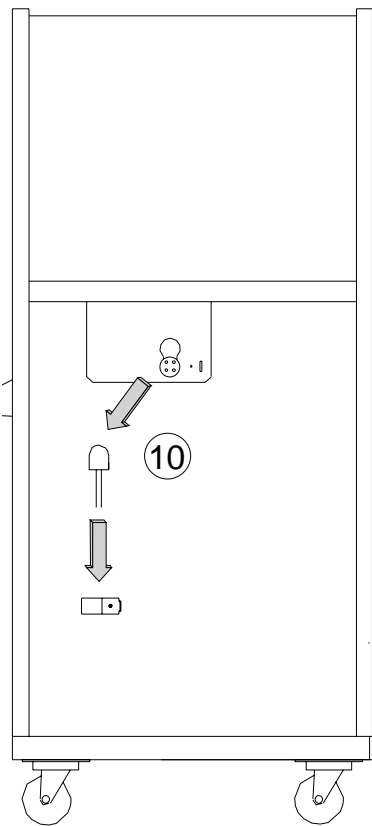
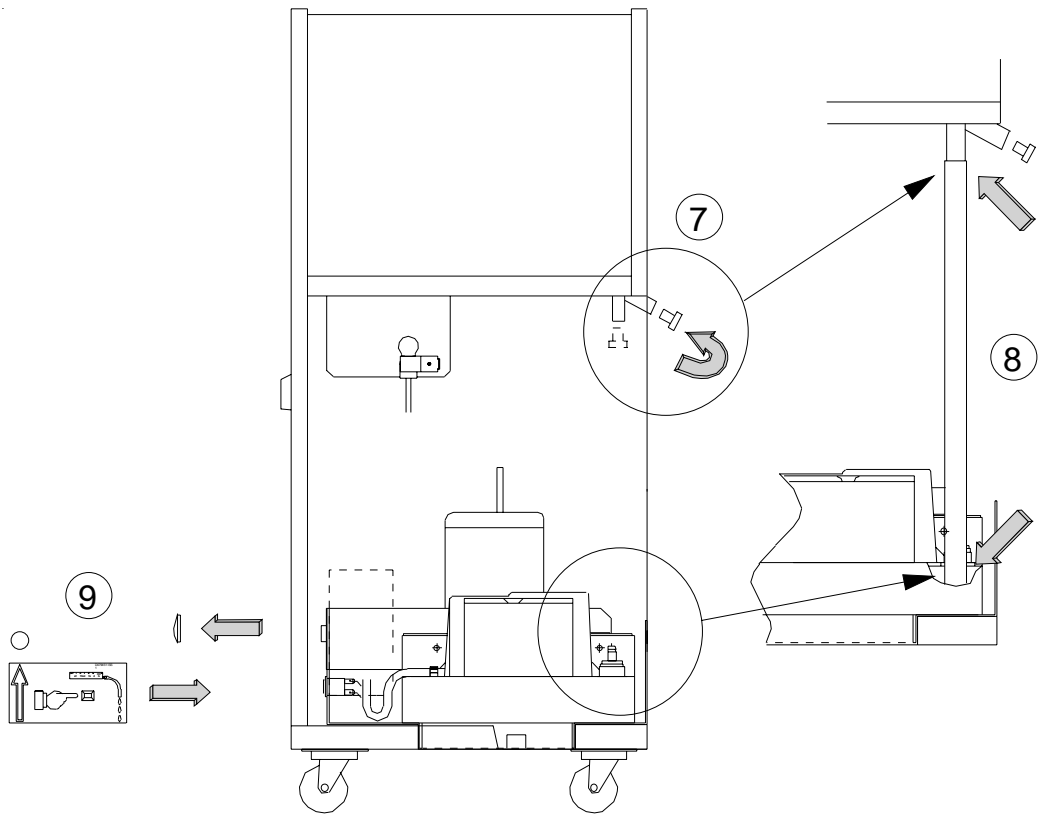
5. REMOVE RETAINING BRACKET & REPLACE EXISTING PLUG WITH THE CONDENSATE PUMP FLYING LEAD WITH PLUG AS SHOWN ABOVE. LOCATE PUSH IN BASES INTO HOLES IN BOTTOM OF THE SHELF & SECURE THE FLYING LEAD WITH CABLE TIES SUPPLIED. REPLACE PLUG RETAINING BRACKET.

6. REPLACE MACHINE COVERS. INSTALLATION COMPLETE.

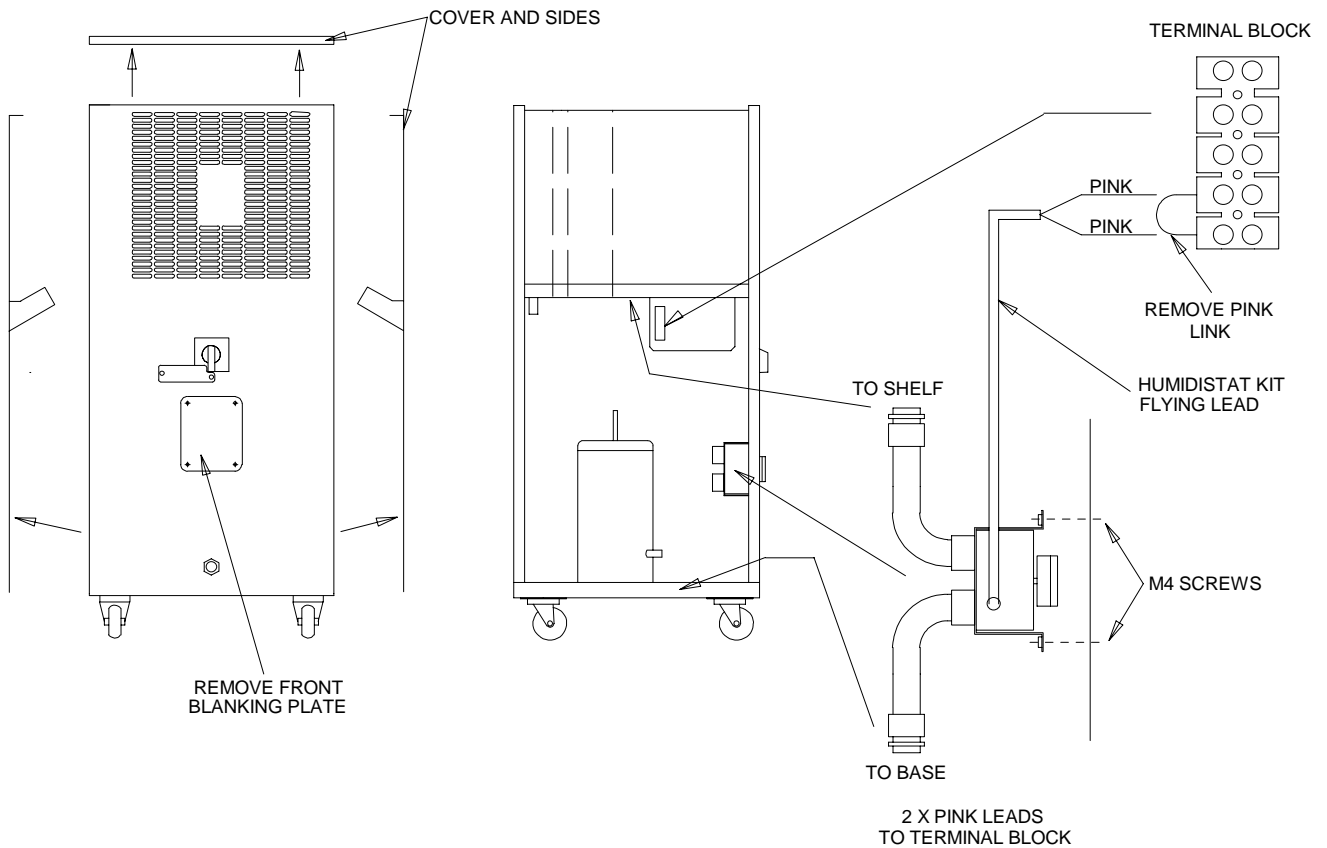


# ASPEN PUMP KIT INSTALLATION INSTRUCTIONS





# HUMIDISTAT KIT INSTALLATION INSTRUCTIONS



1. WITH MACHINE ISOLATED FROM MAINS SUPPLY REMOVE COVER AND SIDE PANELS.
2. REMOVE FRONT BLANKING PLATE.
3. FIT HUMIDISTAT KIT INTO POSITION AS SHOWN USING 4 OFF M4 SCREWS SUPPLIED.
4. FIT FLEXIBLE CONDUIT TO SHELF & BASE AS SHOWN USING CONDUIT ADAPTOR NUT.
5. REMOVE PINK LINK FROM TERMINAL BLOCK & REPLACE WITH PINK FLYING LEADS FROM HUMIDISTAT KIT.
6. REPLACE COVER AND SIDES, INSTALLATION COMPLETE.

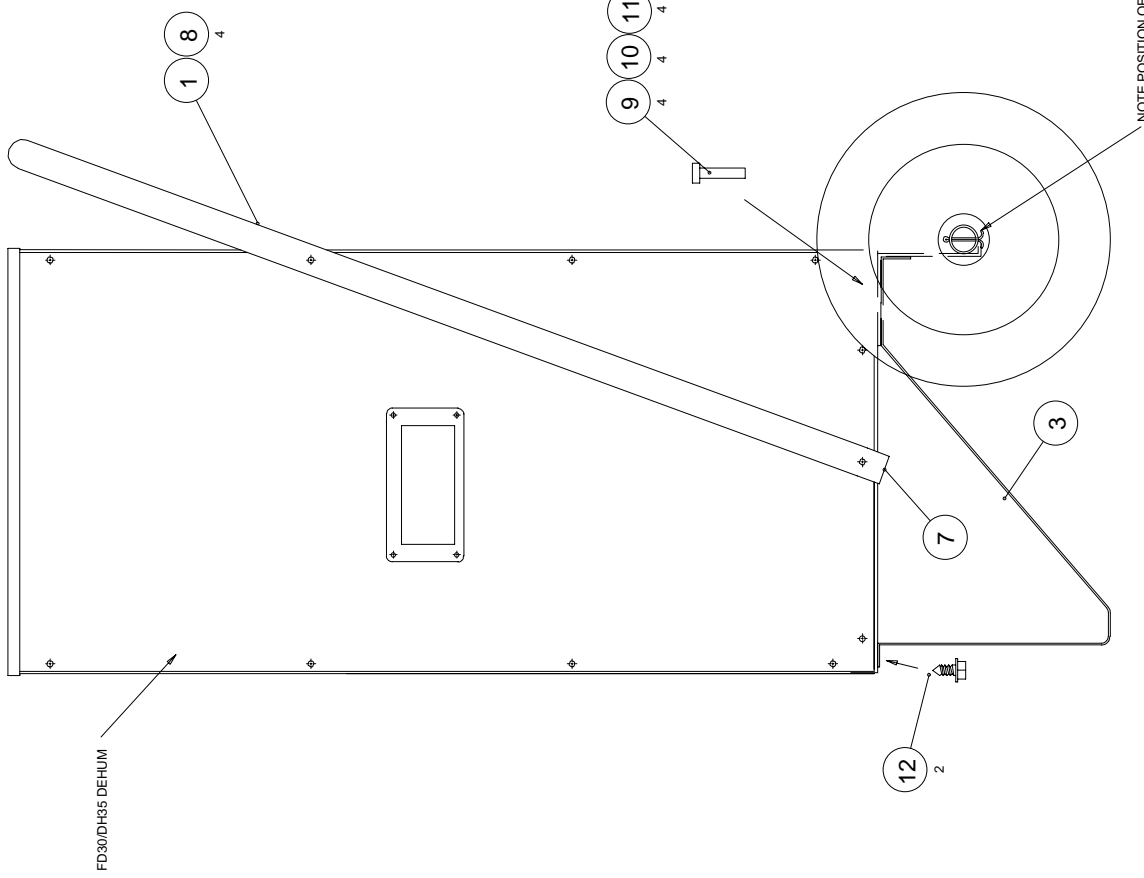
DO NOT SCALE PRINT

3rd ANGLE PROJECTION

IF IN DOUBT ASK

DRG No. SA64366101

# SA64366101 WHEEL/HANDLE KIT ISSUE 4



ITEM No.	PART No.	DESCRIPTION	QUANTITY
1	SD64364150	HANDLE (TUBE)	1,000
2	SD64364301	AXLE/BASE ASSY	1,000
3	SD64364250	FOOT	1,000
4	SD64292250	WHEEL	2,000
5	D64366250	1 INCH PLAIN WASHER	2,000
6	D64366350	SPLIT COTTER PIN	2,000
7	D640186150	TUBE PLUG	2,000
8	D64366550	M5 X 30 SCREW SLOTTED RSD CSK	4,000
9	D64026150	M6 PLAIN WASHER	4,000
10	D64026250	M6 SPG WASHER	4,000
11	D64025952	SCREW HEX HD M6 X 16	4,000
12	D64370850	No14 X 1/2 HEX HD SCREW	2,000

## NOTES

1. FOR EASE OF BUILD FIT TOP HAT FEET & AXLEBASE ASSY BEFORE FITTING WHEELS.

NOTE POSITION OF SPLIT PIN

SANDWICH AXLEBASE ASSY BETWEEN FOOT & MC BASE.

MAINS IN

FD30/DH65 DEHUM

ITEM	DESCRIPTION	DATE	BY	APPD
4	ITEM 3 FOOT ALTERED	14:5:97	JAC	
3	FITTINGS ALTERED	21:2:97	GSM	
2	REDESIGN	23:3:95	JAC	
1	AS DRAWN	19:1:95	CN	

TOLERANCE UNLESS SPECIFIED	INSPECTION LEVEL	DIMS
HOLES TO BS.4500 E12	A	5%

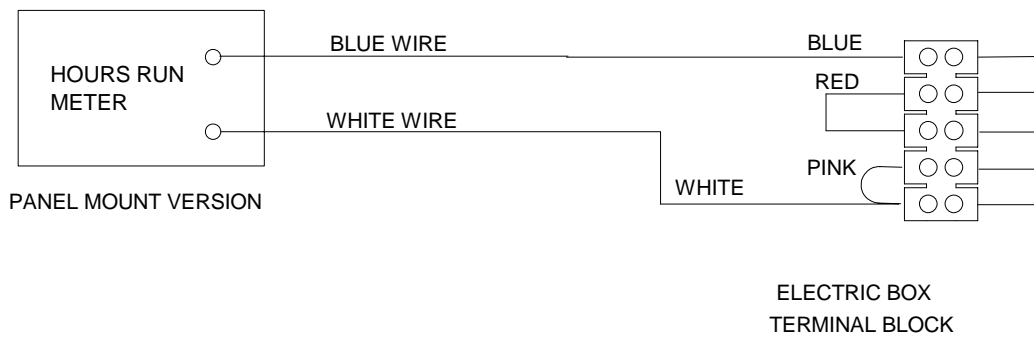
MATERIAL		FINISH	
CALOREX <sup>®</sup>		CALOREX HEAT PUMPS LTD 1995 U.C.C.	

TITLE		WHEEL KIT ASSY	
SHT No		1	
CONT		/	
DRAWN		JAC	
APPD			
DATE		19:1:95	
SCALE		1:3	

ALL SHARP EDGES AND BURRS TO BE REMOVED			
DRAWING CHANGE			
DRG No. SA64366101			

## HOURS RUN METER INSTRUCTION SHEET

1. ISOLATE MACHINE SUPPLY BEFORE REMOVING COVER.
2. FIT METER INTO APERTURE ON FAN DIAPHRAGM.
3. ROUTE FLYING LEADS FROM METER TO TERMINAL BLOCK.
4. CONNECT LEADS INTO TERMINAL BLOCKS AS SHOWN BELOW.
5. ENSURE TERMINALS ARE RE-TIGHTENED AND ALL WIRES RECONNECTED IN THE CORRECT PLACES.



# AIR INLET FILTER INSTALLATION SHEET.

