



STEP 1
ASSEMBLY DETAILS, AIR/WATER CHAMBER, FDWDE

ITEM	DESCRIPTION	PART NUMBER	QTY
1	DUAL LEVEL FLOAT SWITCH	02.01.029.00	1
2	325W., 120V. WATER ELEMENT	02.05.006.00	1
3	1000W., 120V. AIR ELEMENT	02.05.626.00	1
4	MOTOR, BLOWER, 120V., 60Hz, FDW	02.12.001.00	1
5	BLOWER MOTOR CONNECTOR	02.12.001A.00	1
6	3/4" DISC TYPE BIMETAL SURF. MGT. THERM.	02.16.118.00	1
7	1/8" CABLE CLAMP	02.20.023.00	1
8	BUSHING, OPEN/CLOSED 3/8"	02.20.232.00	1
9	3/4" BULKHEAD FITTING	03.40.022.00	1
10	3/4" BULKHEAD JAM NUT	03.40.023.00	1
11	HOSEBARB STRAIGHT 3/4 NPT X 3/4	03.40.058.00	1
12	AIR CHAMBER ASM - FDWD LATIN AMERICA	04.24.234.00	1
13	AIR CHAMBER COVER, FDWD LA	04.24.237.00	1
14	WATER TANK ASM - FDWD LA	04.24.238.00	1
15	SC SS 6-32X3/8 PH PAN MACH	05.04.214.00	2
16	SC SS 8-32X3/8 PH PN MACH	05.04.301.00	9
17	NUT, S.S., 8-32 KEPS NUT	05.04.472.00	6
18	NUT, S.S., 6-32 KEPS NUT	05.04.506.00	2
19	SC SS 8X3/8 HX WSHR SMS	05.04.549.00	10
20	INSULATION RIGID 1/2" X 5" X 7.25"	05.05.200.00	1
21	NITRILE WASHER, 1.500 O.D., 1.188 I.D.	05.06.013.00	1
22	GASKET, SILICONE, .125 X .500	05.06.028.00	4
23	GASKET, FLOAT SWITCH, FSD	05.06.080.00	1

- NOTES:
- 1) FOR NON HUMIDIFIED CABINET REMOVE;
02.01.029.00 03.40.058.00
02.05.006.00 04.24.238.00
03.40.023.00 03.40.022.00
05.05.013.00
 - 2) PLUG ALL HOLES: USE (3) 04.24.090.00 TO COVER FILL HOLE, & WATER ELEMENT.
 - 3) SILICONE IN PLACE.
 - 4) REPLACE AIR CHAMBER COVER 02.24.237.00 WITH 04.24.191.00.
 - 5) 220V. & 240V. VERSIONS USE BLOWER MOTOR 02.12.006.00
 - 6) 220V. USE WATER ELEMENT 02.05.016E.00 & AIR ELEMENT 02.05.015E.00
 - 7) 240V. USE WATER ELEMENT 02.05.013E.00 & AIR ELEMENT 02.05.012E.00
 - 8) 100V. USE WATER ELEMENT 02.05.512E.00 & AIR ELEMENT 02.05.511E.00

RELEASE AND REVISION HISTORY				CK:	
RV	DESCRIPTION	DATE	ENG	RB	
1	RELEASED ECO.# 17737	8-13-07	JLC	DLE	UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES TOL ON ANGLE $\pm 2.0^{\circ}$ 2 PL ± 0.02 3 PL ± 0.016 HOLE SIZES: $+.005/- .002$
2	REVISED NOTES EC#17935	10-22-07	JLC	DLE	
3	REVISED FLOAT SWITCH WASHER & ADDED - INSUL. 05.05.200.00, ECO.#18044	- 1-8-08	- JLC	- JRM	
4	ADDED 100V. VERSION, ECO.#19361	2-26-09	JLC	JRM	THIS PRINT IS NOT TO BE REPRODUCED WITHOUT PERMISSION OF HATCO CORP.
5	ADDED 240V ELEMENTS, ECO.#19930	1-8-10	BEW	DLE	
-	-	-	-	-	
-	-	-	-	-	
Released					

HATCO CORP., MILWAUKEE, WI				
DESCRIPTION ASSEMBLY DETAILS, AIR/WATER CHAMBER, FDWDE				
PART NUMBER N/A		DRAWING NUMBER 10-03-431		REV 5
SCALE: 0.250		PROJ: 964100		SHEET 1 OF 1