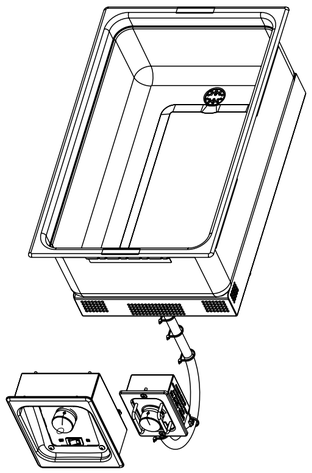
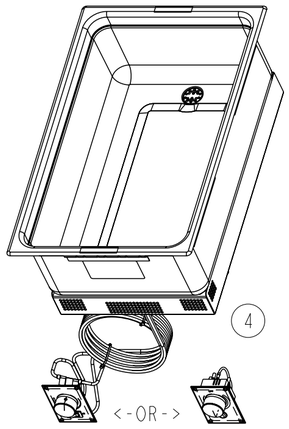


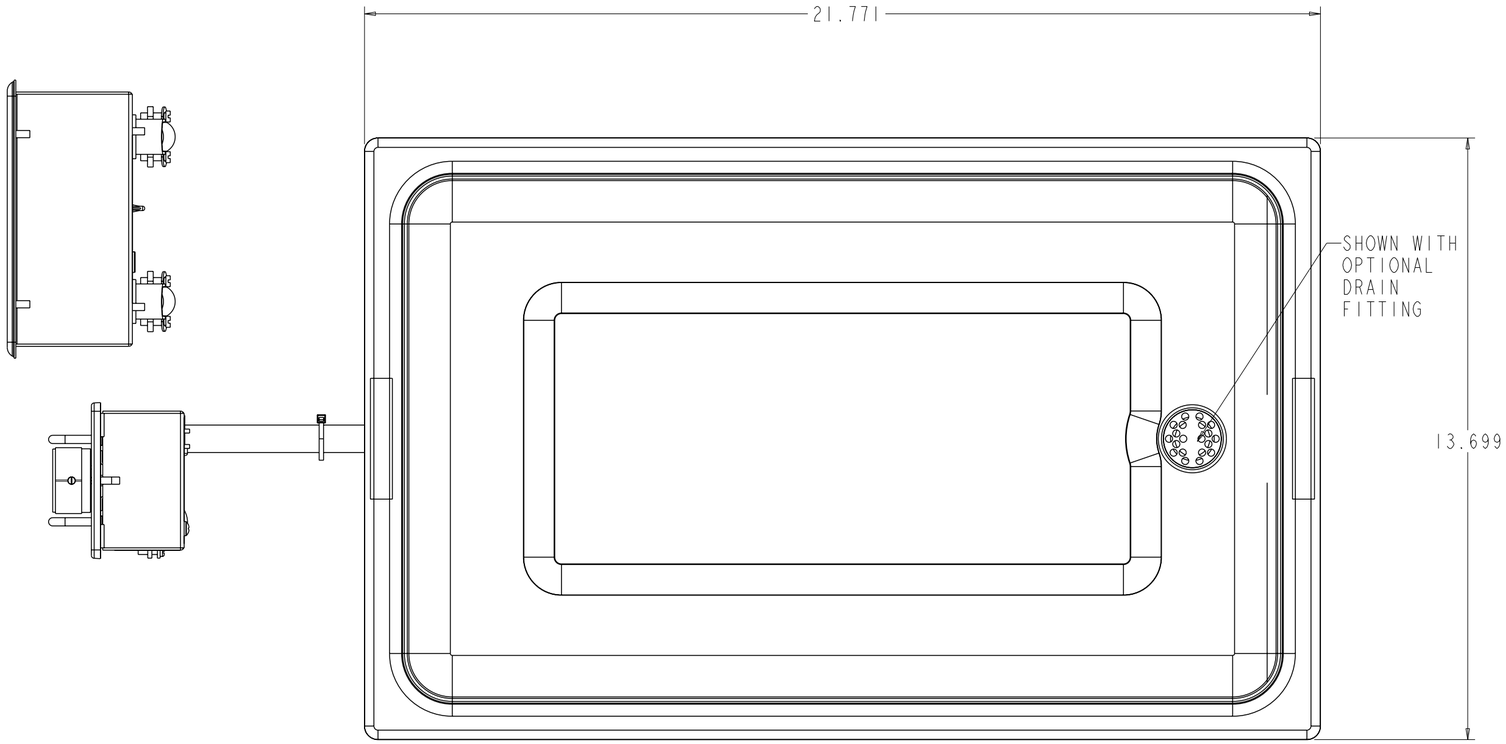
SCALE 0.125

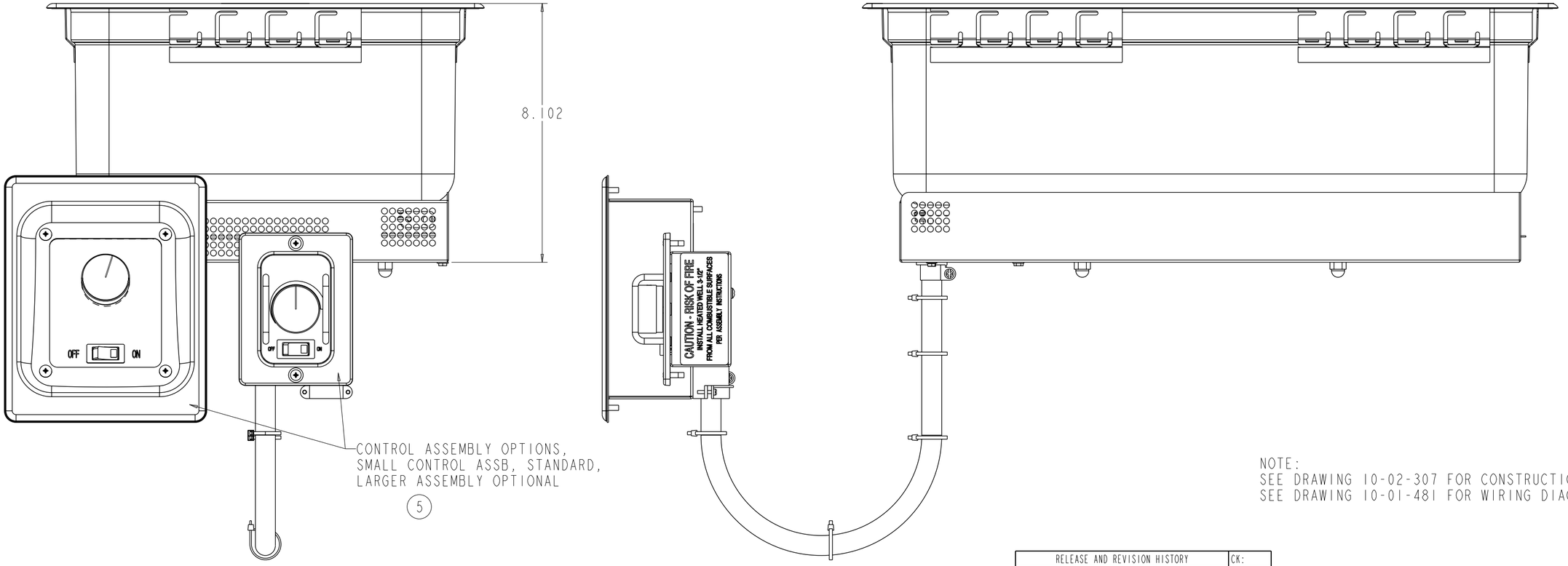
UL CONTROL OPTIONS
SEE SHEETS 2 & 3 FOR DETAILS.



SCALE 0.125

UR CONTROL OPTIONS
SEE SHEETS 4 & 5 FOR DETAILS





NOTE:
SEE DRAWING 10-02-307 FOR CONSTRUCTION DRAWING.
SEE DRAWING 10-01-481 FOR WIRING DIAGRAM.

RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO.#15642	9-28-05	GHW	JRM
3	ADDED ELEMENT SCEWS,ECO.#15863	11-28-05	GHW	JRM
4	ADDED UR OPTION, MODIFIED PAN	-	-	-
-	CALL OUT, ECO.#16413	5-15-06	GHW	JRM
5	UPDATE CONTROLS,ECO.#16633	8-14-06	GHW	DLE
6	05.04.549.00 WAS 05.04.133.00,	-	-	-
-	NOTE REVISED,ECO.#17449	5-3-07	JFQ	DLE
-	-	-	-	-

UNLESS OTHERWISE SPECIFIED
DIMS ARE IN INCHES
TOL ON ANGLE ±2.0°
2 PL ±0.02 3 PL ±0.016
HOLE SIZES: +.005/-.002

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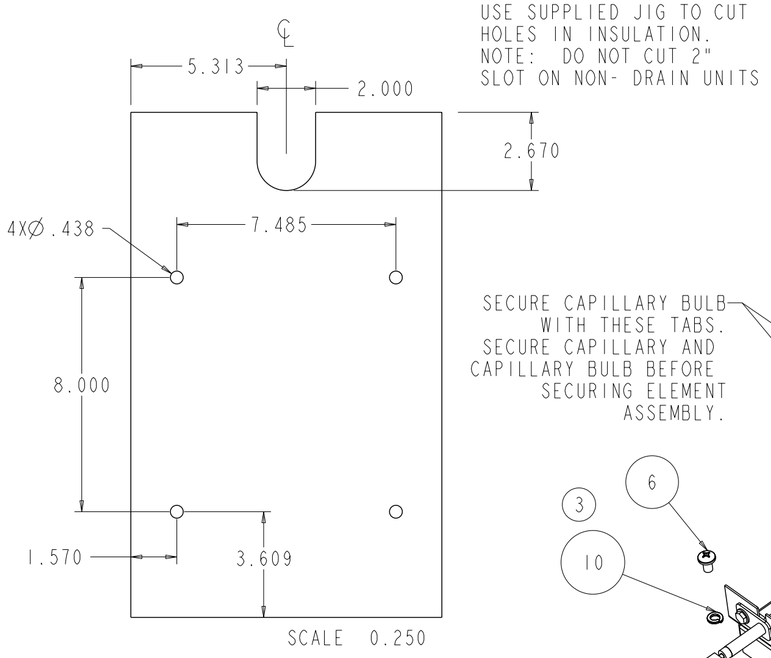
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HATCO CORP., MILWAUKEE, WI

DESCRIPTION
HWB-FULL ASSEMBLY, INSTRUCTIONS

PART NUMBER	DRAWING NUMBER	REV
N/A	10-03-258	6

SCALE:0.125	PROJ: 945001	SHEET 1 OF 5

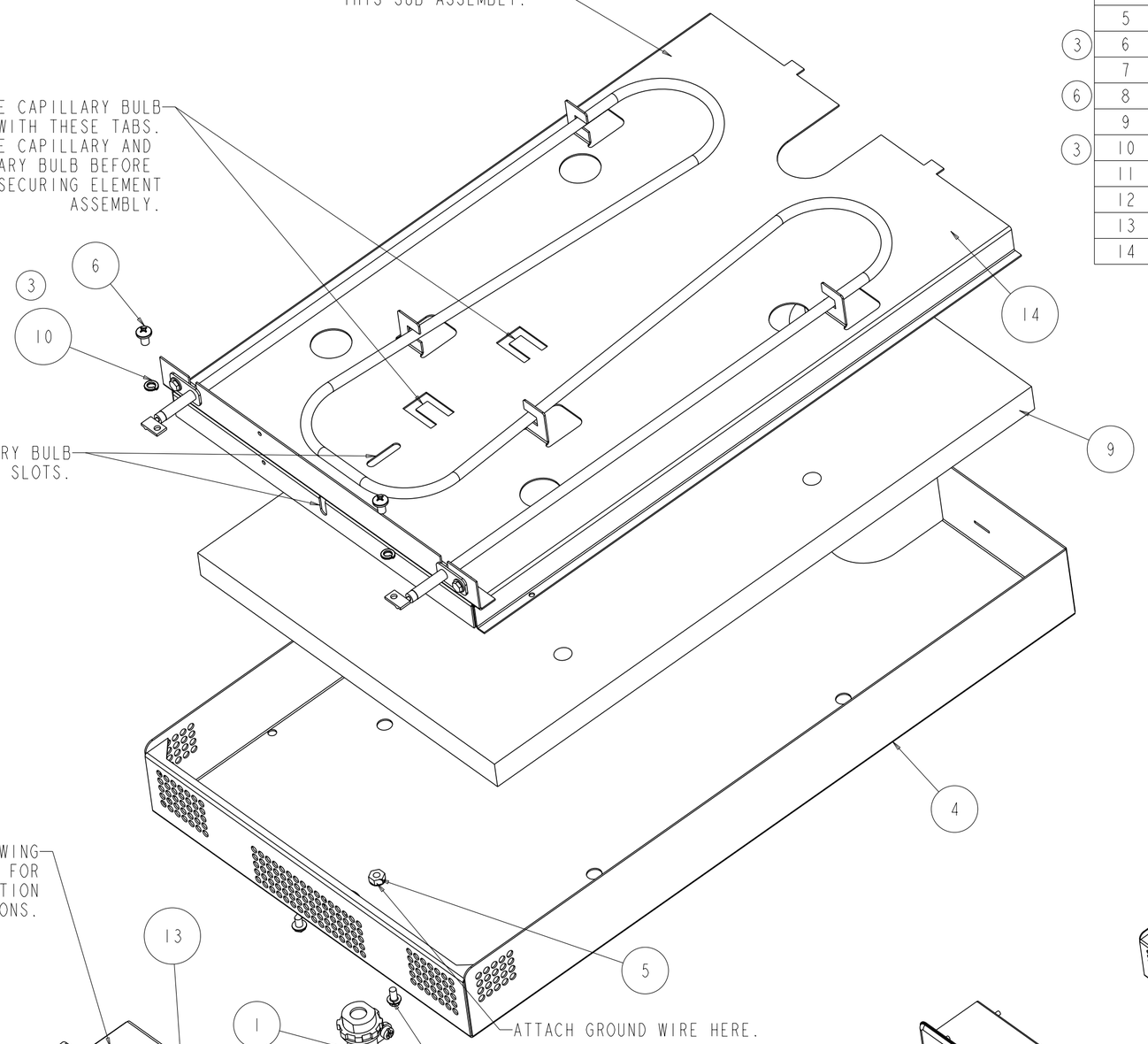


USE SUPPLIED JIG TO CUT HOLES IN INSULATION.
NOTE: DO NOT CUT 2" SLOT ON NON- DRAIN UNITS

SEE DRAWING 10-03-210 FOR THIS SUB-ASSEMBLY.

SECURE CAPILLARY BULB WITH THESE TABS. SECURE CAPILLARY AND CAPILLARY BULB BEFORE SECURING ELEMENT ASSEMBLY.

PLACE CAPILLARY BULB THROUGH THESE SLOTS.



ATTACH GROUND WIRE HERE.

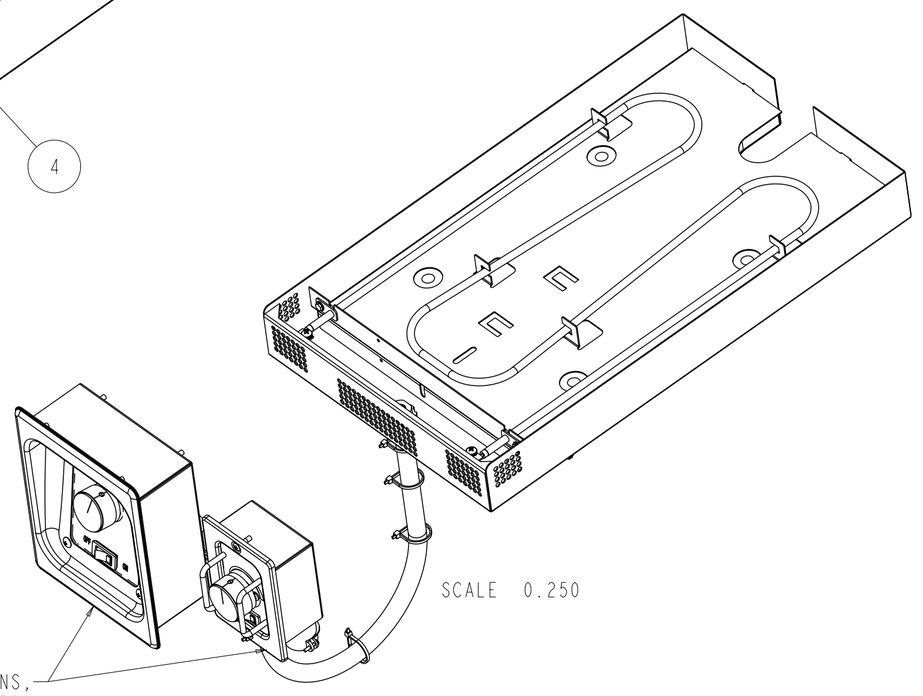
SEE DRAWING 10-03-288 FOR SELECTION OPTIONS.

SEE DRAWING 10-03-226 FOR SELECTION OPTIONS.

5 PCS, 3' LENGTH
10 PCS, 6' LENGTH

1) IF 3' LENGTH OPTION SELECTED, USE 02.20.329.01
2) IF 6' OPTION SELECTED, USE 02.20.329.02.

WRAP/SPIRAL T-STAT CAPILLARY AROUND FLEXIBLE CONDUIT. ALLOW ENOUGH EXCESS TO EASILY SECURE CAPILLARY BULB TO ELEMENT ASSEMBLY (ITEM 11) USE 5: TIE WRAPS AS SHOWN TO SECURE CAPILLARY FOR 3' UNITS, USE 10: TIE WRAPS FOR 6' UNITS.



CONTROL ASSB. OPTIONS, SMALL ASSB, STANDARD, LARGER ASSB, OPTIONAL

SCALE 0.250

STEP 1
HWB-FULL ASSEMBLY, INSTRUCTIONS

	ITEM	DESCRIPTION	PART NUMBER	QTY
	1	3/8" GREENFIELD STRAIGHT CONNECTOR	02.20.018.00	1
	2	CABLE TIE	02.20.077.00	5
	3	3/8" INSULINER	02.20.275.00	1
	4	BOTTOM,HWB-FULL	04.42.011.00	1
	5	NUT,PLT,8-32 KEPS NUT	05.04.023.00	1
(3)	6	SC PLT 10-32X5/16 NI PH PN	05.04.074.00	2
	7	SC, PLT, 8-32X.313 WASHER HEX SLOTTED	05.04.446.00	1
(6)	8	SC SS 8X3/8 HX WSHR SMS	05.04.549.00	2
	9	INSUL TRS-10,1 X 10.63 X 17.25	05.05.161.00	1
(3)	10	WASHER,HELICAL SPRING LOCK NO.10	05.11.017.00	2
	11	CONDUIT 3/8",EXTRA FLEX 3 FT.	GENERIC	1
	12	CONTROL BOX ASSEMBLY,GENERIC	GENERIC	1
	13	CONTROL BOX SMALL ASSEMBLY	N/A	1
	14	ELEMENT/BRACKET,ASSEMBLY,HWB	N/A	1

NOTES ON CABLE TIES, 02.20.077.00
1) QTY:5 W/3' CONDUIT
2) QTY:10 W/6' CONDUIT

RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO.#15642	9-28-05	GHW	JRM
3	ADDED ELEMENT SCEWS,ECO.#15863	11-28-05	GHW	JRM
4	ADDED UR OPTION, MODIFIED PAN	-	-	-
-	CALL OUT, ECO.#16413	5-15-06	GHW	JRM
5	UPDATE CONTROLS,ECO.#16633	8-14-06	GHW	DLE
6	05.04.549.00 WAS 05.04.133.00,	-	-	-
-	NOTE REVISED,ECO.#17449	5-3-07	JFO	DLE
-	-	-	-	-

UNLESS OTHERWISE SPECIFIED DIMS ARE IN INCHES
TOL ON ANGLE ±2.0°
2 PL ±0.02 3 PL ±0.016
HOLE SIZES: +.005/-.002

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HATCO CORP., MILWAUKEE, WI

DESCRIPTION: HWB-FULL ASSEMBLY, INSTRUCTIONS

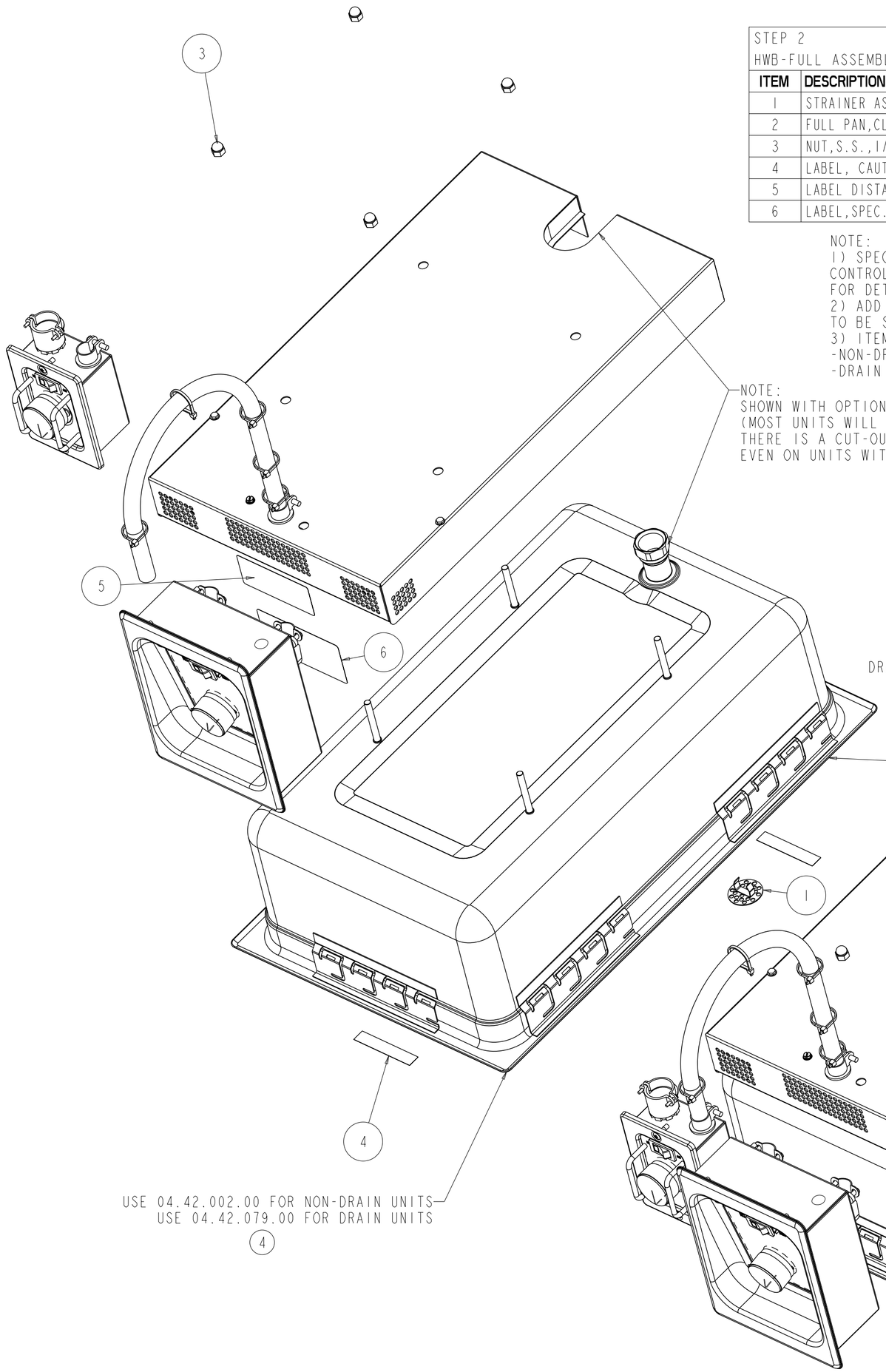
PART NUMBER: N/A | DRAWING NUMBER: 10-03-258 | REV: 6

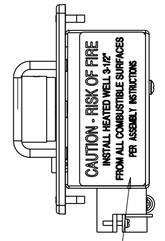
SCALE: 0.406 | PROJ: 945001 | SHEET 2 OF 5

STEP 2
HWB-FULL ASSEMBLY, INSTRUCTIONS

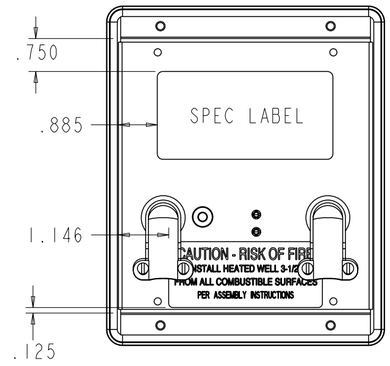
ITEM	DESCRIPTION	PART NUMBER	QTY
1	STRAINER ASSEMBLY,HWB	04.42.018.00	1
2	FULL PAN,CLMPS,DRAIN,W/O BRKTS,SUPRT	04.42.079.00	1
3	NUT,S.S.,1/4-20 CAP NUT	05.04.210.00	4
4	LABEL, CAUTION HOT, BLACK/SILVER	07.03.018.00	2
5	LABEL DISTANCES TO COMBUSTIBLES	07.03.504.00	1
6	LABEL,SPEC. PLATE	SS.07.012.00	1

NOTE:
1) SPECIAL SPEC LABEL USED WHEN SMALL CONTROL ASSB. IS SELECTED. SEE DRAWING 10-03-288 FOR DETAILS.
2) ADD 6 FOOT LENGTH OF 05.06.046.00 TO BE SHIPPED IN BOX.
3) ITEM 2 NOTE:
-NON-DRAIN UNIT: USE ASSEMBLY 04.42.002.00.
-DRAIN UNIT: USE ASSEMBLY 04.42.079.00

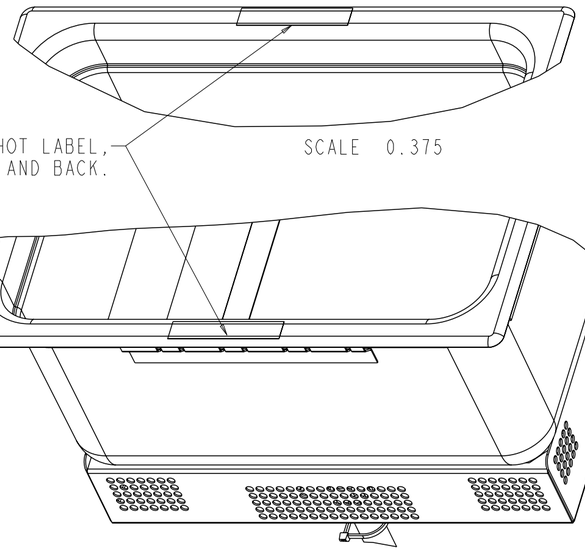




NOTE LOCATION OF LABEL.
SEE DRAWING 10-03-288 FOR
DETAILS OF SPEC LABEL



BACK OF OPTIONAL
CONTROL ASSEMBLY



SCALE 0.375

SCALE 0.375

RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO.#15642	9-28-05	GHW	JRM
3	ADDED ELEMENT SCEWS,ECO.#15863	11-28-05	GHW	JRM
4	ADDED UR OPTION, MODIFIED PAN	-	-	-
-	CALL OUT, ECO.#16413	5-15-06	GHW	JRM
5	UPDATE CONTROLS,ECO.#16633	8-14-06	GHW	DLE
6	05.04.549.00 WAS 05.04.133.00,	-	-	-
-	NOTE REVISED,ECO.#17449	5-3-07	JFQ	DLE
-	-	-	-	-

UNLESS OTHERWISE SPECIFIED
DIMS ARE IN INCHES
TOL ON ANGLE ±2.0°
2 PL ±0.02 3 PL ±0.016
HOLE SIZES: +.005/-.002

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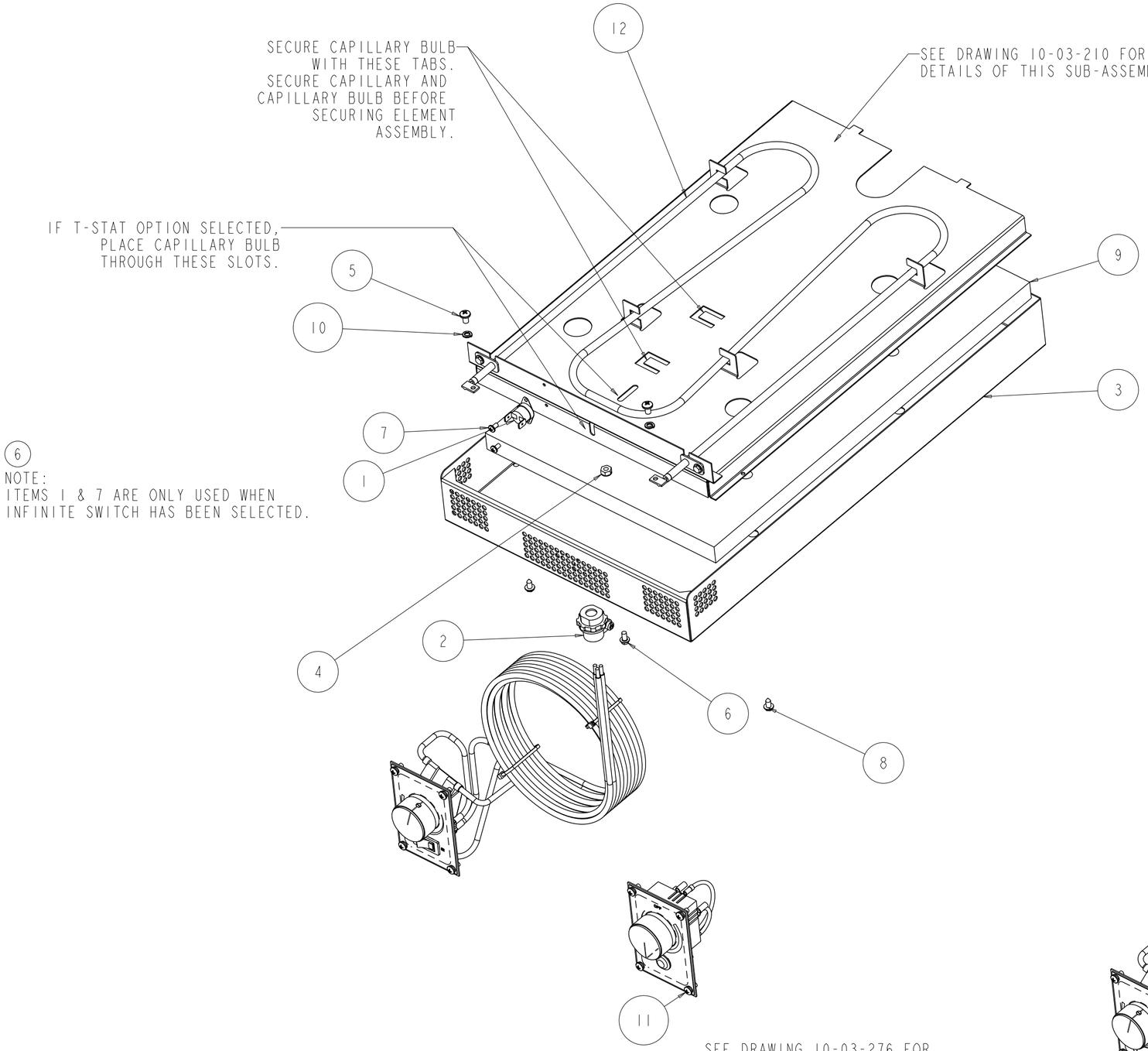
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HATCO CORP., MILWAUKEE, WI

DESCRIPTION
HWB-FULL ASSEMBLY, INSTRUCTIONS

PART NUMBER	DRAWING NUMBER	REV
N/A	10-03-258	6

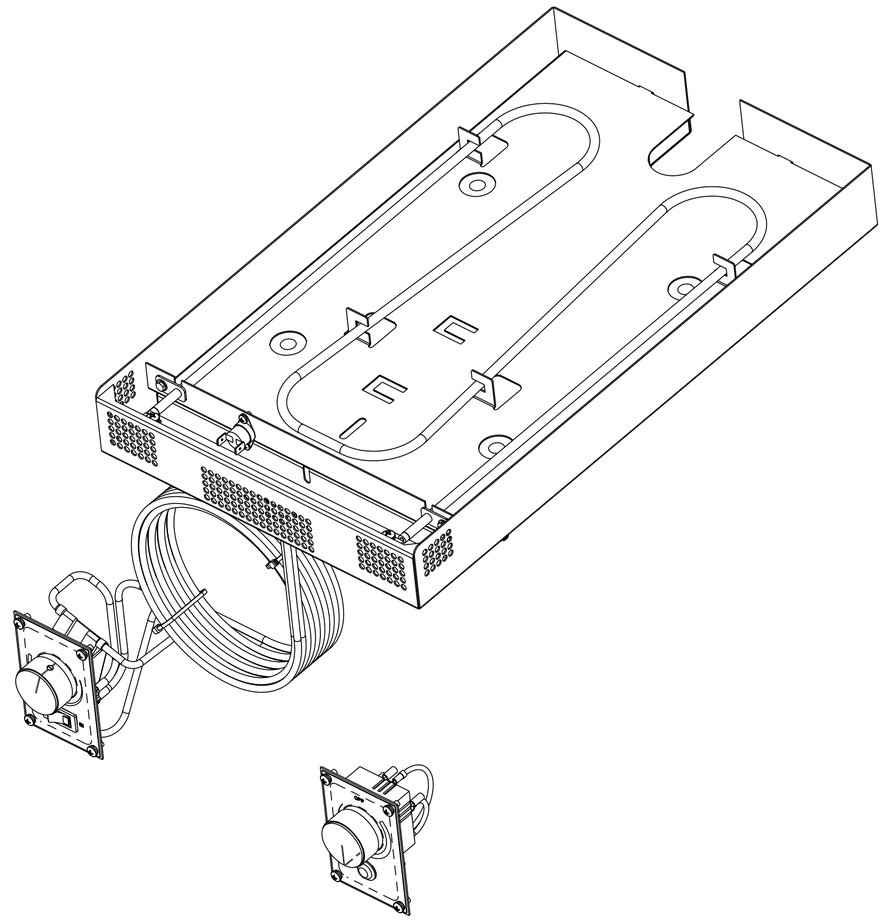
SCALE: 0.313 | PROJ: 945001 | SHEET 3 OF 5



SEE DRAWING 10-03-276 FOR CONTROL SELECTION OPTIONS.

STEP 1
HWB-FUL SERIES

ITEM	DESCRIPTION	PART NUMBER	QTY
1	BI-METAL T-STAT,CERAMIC 400°F.	02.16.139.00	1
2	3/8" GREENFIELD STRAIGHT CONNECTOR	02.20.018.00	1
3	BOTTOM,HWB-FULL	04.42.011.00	1
4	NUT,PLT,8-32 KEPS NUT	05.04.023.00	1
5	SC PLT 10-32X5/16 NI PH PN	05.04.074.00	2
6	SC, PLT, 8-32X.313 WASHER HEX SLOTTED	05.04.446.00	1
7	SC SS 6X1/4 PH PN SMS AB	05.04.481.00	2
8	SC SS 8X3/8 HX WSHR SMS	05.04.549.00	2
9	INSUL TRS-10,1 X 10.63 X 17.25	05.05.161.00	1
10	WASHER,HELICAL SPRING LOCK NO.10	05.11.017.00	2
11	CONTROL ASSEMBLY,HWB UR	N/A	1
12	ELEMENT/BRACKET,ASSEMBLY,HWB	N/A	1



RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO.#15642	9-28-05	GHW	JRM
3	ADDED ELEMENT SCEWS,ECO.#15863	11-28-05	GHW	JRM
4	ADDED UR OPTION, MODIFIED PAN	-	-	-
-	CALL OUT, ECO.#16413	5-15-06	GHW	JRM
5	UPDATE CONTROLS,ECO.#16633	8-14-06	GHW	DLE
6	05.04.549.00 WAS 05.04.133.00,	-	-	-
-	NOTE REVISED,ECO.#17449	5-3-07	JFQ	DLE
-	-	-	-	-

UNLESS OTHERWISE SPECIFIED
DIMS ARE IN INCHES
TOL ON ANGLE ±2.0°
2 PL ±0.02 3 PL ±0.016
HOLE SIZES: +.005/-.002

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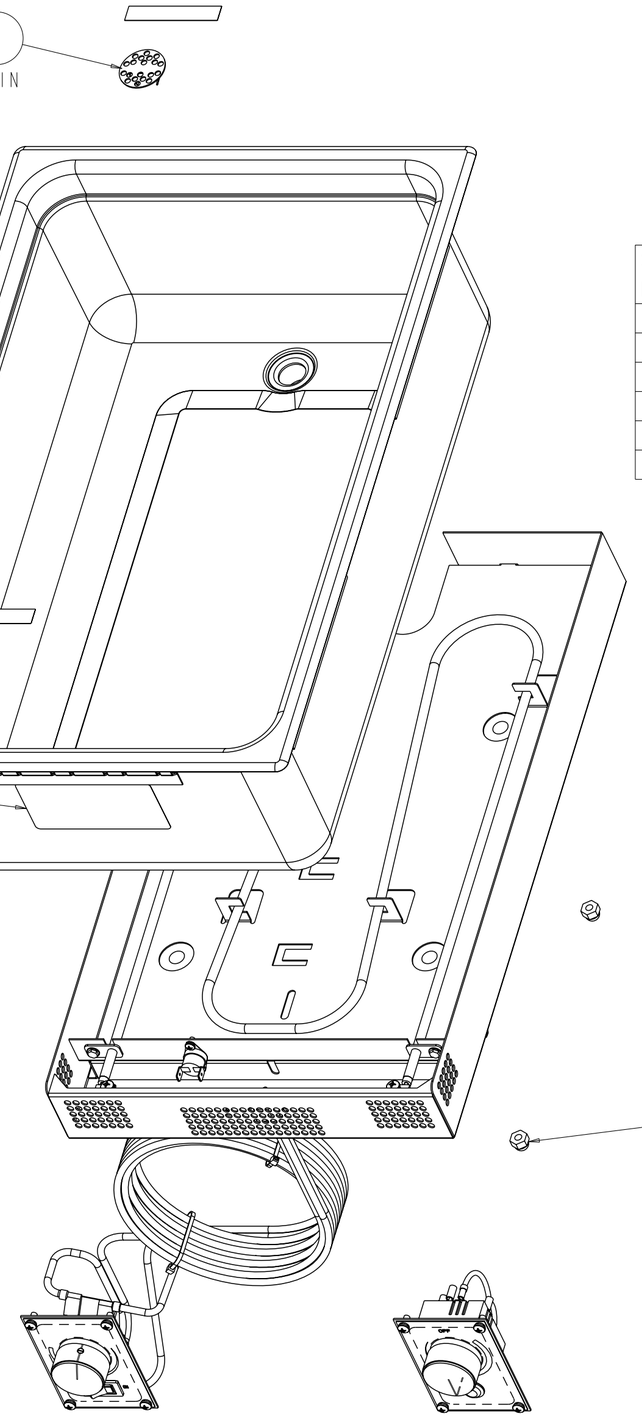
HATCO CORP., MILWAUKEE, WI

DESCRIPTION
HWB-FULL ASSEMBLY, INSTRUCTIONS

PART NUMBER	DRAWING NUMBER	REV
N/A	10-03-258	6

SCALE: 0.313 | PROJ: 955400 | SHEET 4 OF 5

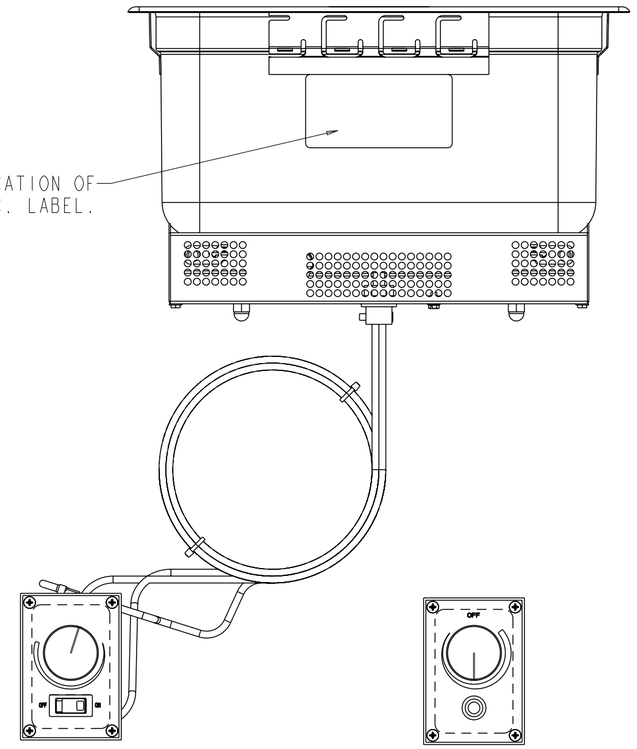
ITEM 1:
ONLY USED WHEN DRAIN
HAS BEEN SELECTED.



NOTE ON ITEM 2:
NON-DRAIN UNIT: USE ASSEMBLY 04.42.002.00
DRAIN UNIT: USE ASSEMBLY 04.42.079.00

NOTE:
ITEM 4. SEE SHEET 3 FOR
LOCATION DETAILS OF THESE
LABELS.

NOTE LOCATION OF
SPEC. LABEL.



STEP 2
HWB-FUL SERIES

ITEM	DESCRIPTION	PART NUMBER	QTY
1	STRAINER ASSEMBLY,HWB	04.42.018.00	1
2	FULL PAN,CLMPS,DRAIN,W/O BRKTS,SUPRT	04.42.079.00	1
3	NUT,S.S.,1/4-20 CAP NUT	05.04.210.00	4
4	LABEL, CAUTION HOT, BLACK/SILVER	07.03.018.00	2
5	LABEL,SPEC. PLATE	SS.07.012.00	1

RELEASE AND REVISION HISTORY			CK:	
RV	DESCRIPTION	DATE	ENG	RB
1	RELEASED ECO.#15642	9-28-05	GHW	JRM
3	ADDED ELEMENT SCEWS,ECO.#15863	11-28-05	GHW	JRM
4	ADDED UR OPTION, MODIFIED PAN	-	-	-
-	CALL OUT, ECO.#16413	5-15-06	GHW	JRM
5	UPDATE CONTROLS,ECO.#16633	8-14-06	GHW	DLE
6	05.04.549.00 WAS 05.04.133.00,	-	-	-
-	NOTE REVISED,ECO.#17449	5-3-07	JFQ	DLE
-	-	-	-	-

UNLESS OTHERWISE SPECIFIED
DIMS ARE IN INCHES
TOL ON ANGLE ±2.0°
2 PL ±0.02 3 PL ±0.016
HOLE SIZES: +.005/-.002

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HATCO CORP., MILWAUKEE, WI

DESCRIPTION
HWB-FUL SERIES CONSTRUCTION

PART NUMBER	DRAWING NUMBER	REV
N/A	10-03-258	6

SCALE: 0.313 | PROJ: 945001 | SHEET 5 OF 5