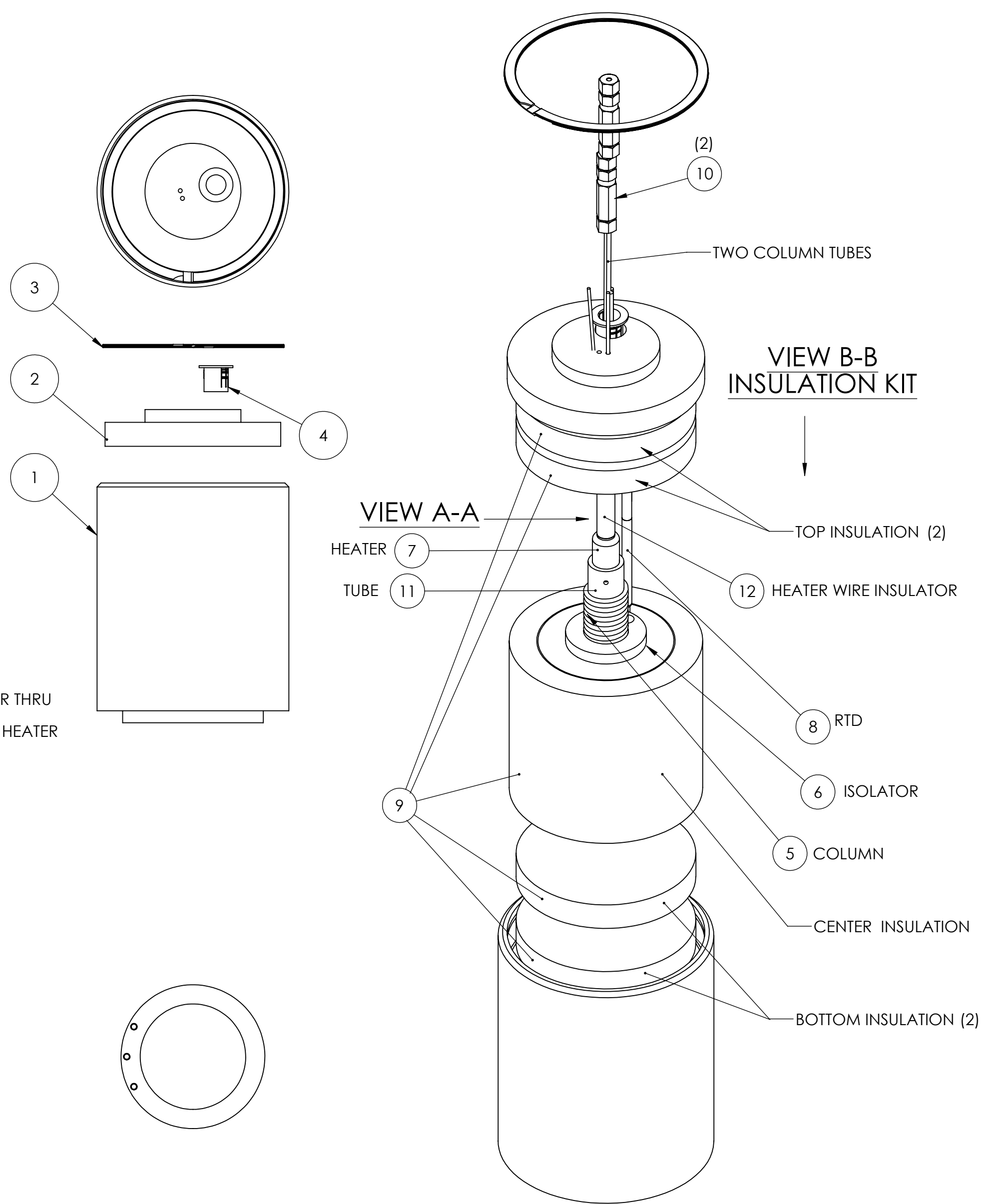
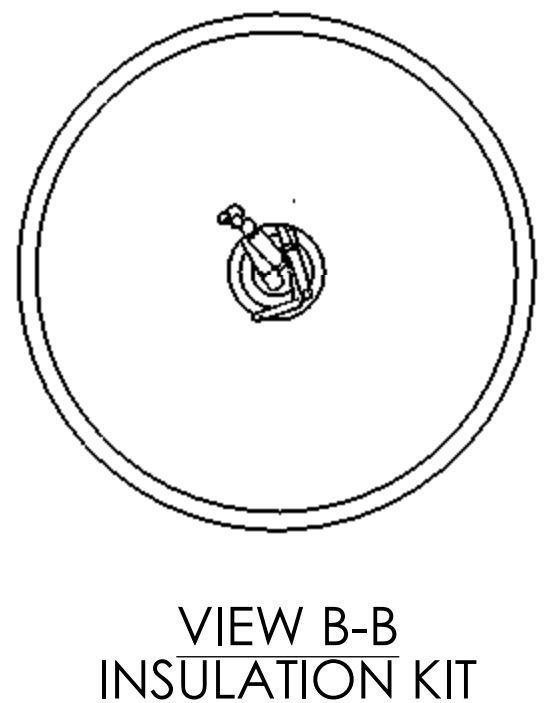
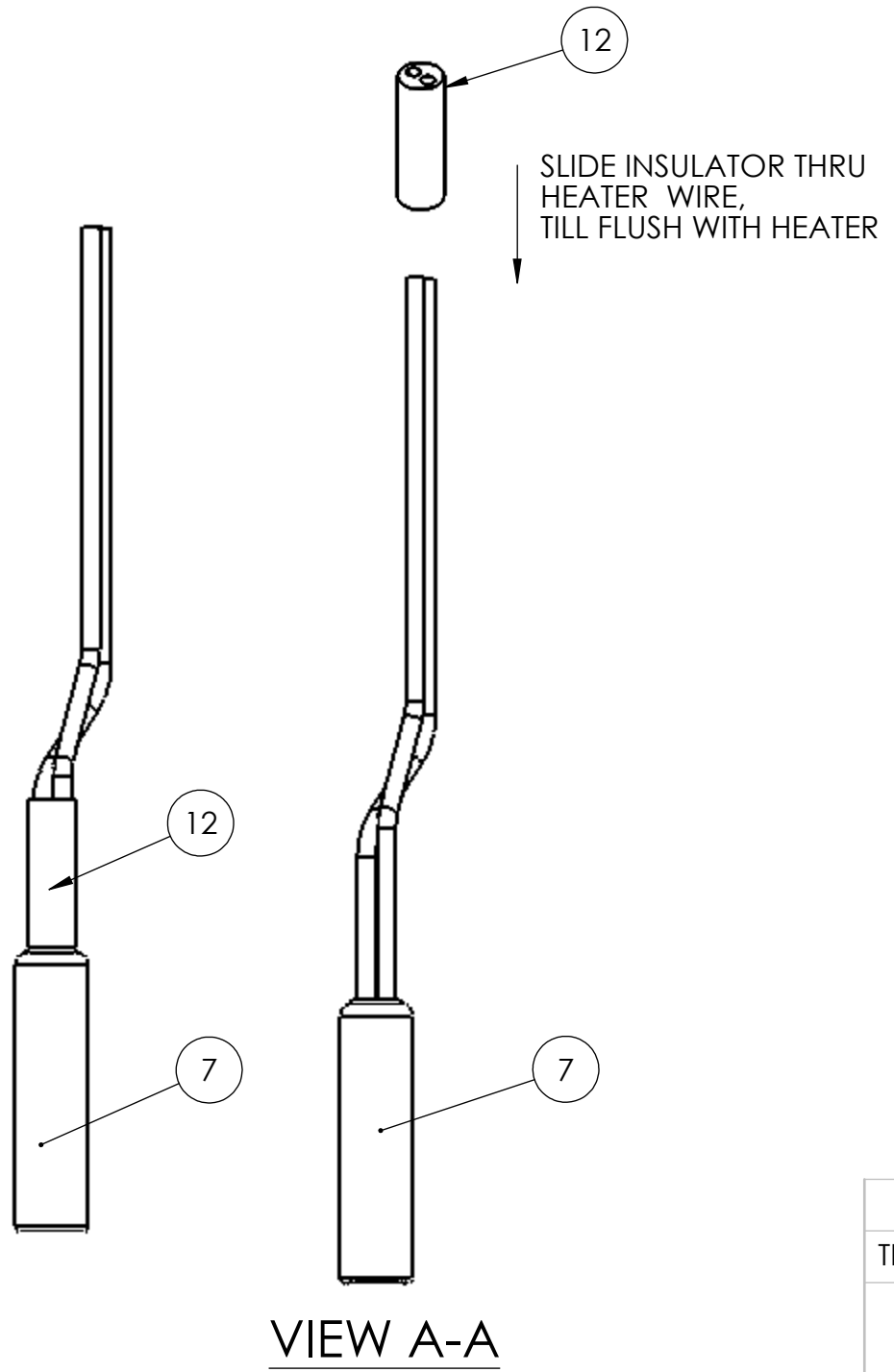


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	2-4-0710-181	METHANATOR CASE BE-22201	1
2	2-4-0710-180	METHANATOR CAP BE-22200	1
3	2-4-9214-016	RETAINING RING WH_275	1
4	2-4-9326-911	BUSHING, NIAGARA SB437-5	1
5	2-4-0700-207	COLUMN, METH BE-21339	1
6	2-4-0700-208	ISOLATOR, METHANATOR BE-21340	1
7	2-4-0700-224	HEATER, 24V, 35W (Ø 3/8" X 1.5" L) SC37-1.5/35W/24V/SF1-32	1
8	2-4-0700-225	RTD, MINCO S72PD20Y36	1
9	2-4-0710-289	INSULATION KIT	1
10	2-4-9500-004	SWAGELOK UNION SS-1F0-6GC	2
11	2-4-0700-297	HEATER ADAPTER TUBE	1
12	2-4-0710-290	HEATER WIRE INSULATOR BE-22656	1



**METHANATOR ASSEMBLY:**

1. INSERT & ALIGN HEATER (ITEM 7) INSIDE HEATER ADAPTER TUBE (ITEM 11).
2. CENTER & ALIGN THE HEATER ADAPTER TUBE (ITEM 11) IN THE COLUMN (ITEM 5) WITH THE HEATER WIRES AT THE SHORT END OF THE COLUMN.
3. SLIDE INSULATOR (ITEM 12) THRU THE HEATER WIRES TO FLUSH WITH HEATER AS SHOWN IN VIEW A-A
4. CENTER & ALIGN HEATER (ITEM 7) & INSULATOR (ITEM 12), FROM ABOVE ALONG WITH HEATER ADAPTER TUBE (ITEM 11) & COLUMN ASSEMBLY (ITEM 5) IN THE ISOLATOR METHANATOR WITH THE HEATER WIRES AT THE END WITH THE RTD HOLE. BEND THE LONG TUBE UNTIL IT IS PARALLEL WITH THE SHORT TUBE AND THE ENDS ARE AROUND THE SAME HEIGHT.
5. INSTALL THE RTD (ITEM 8) IN THE HOLE IN THE METHANATOR ISOLATOR. ENSURING THE RTD WIRES HAVE SLACK, ANCHOR THEM TO THE HEATER WIRE WITH HIGH TEMPERATURE TAPE WITHIN AN INCH OF THE HEATER. SLIGHTLY FILL BETWEEN HEATER & COLUMN WITH MILK MAGNESIA TO MAXIMIZE HEAT CONDUCTION.
6. CENTER & ALIGN THE BOTTOM INSULATION FROM INSULATION KIT (ITEM 9) INSIDE AND TO THE BASE OF METHANATOR CASE (ITEM 1)
7. WRAP CENTER INSULATION FROM INSULATION KIT (ITEM 9) AROUND METHANATOR ASSEMBLY & PLACE THE METHANATOR ASSEMBLY INSIDE THE CASE (ITEM 1)
8. PLACE TOP INSULATION FROM INSULATION KIT (ITEM 9) FROM ABOVE & ON THE METHANATOR ASSEMBLY
9. PACK INSULATION AROUND THE WIRES AND TUBES, AND CLEAN INSULATION MATERIAL AWAY FROM INSIDE MATING AREA OF THE CASE.
10. INSTALL THE THREAD BUSHING (ITEM 4) INTO THE HOLE IN THE CAP (ITEM 2).
11. PUSH THE WIRES AND TUBES THROUGH THE THREAD BUSHING. CAREFULLY ALIGN THE CAP WITH THE BORE OF THE CASE AND PRESS INTO PLACE.
12. INSTALL THE RETAINING RING (ITEM 3) INTO THE GROOVE IN THE CASE OPENING.



THIRD ANGLE PROJECTION							THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. IT SHALL NOT BE REPRODUCED AND SHALL BE RETURNED TO US ON DEMAND. ALL RIGHTS ARE RESERVED.						
MATERIAL: SEE BOM							GEOMETRIC TOLERANCES & DIMENSIONS PER ANSI Y14.5 LATEST REVISION						
FINISH: N/A							UNLESS OTHERWISE NOTED ALL DIMENSIONS IN INCHES XXX ±.010 XXX ±.005 ANGULAR 40° 30' FINISH 200 RA MAX						
PROJ. FILE NO. - NONE							BREAK ALL SHARP CORNERS TO .003-.015 RADIUS AND REMOVE ALL BURRS						
C 11-25-10 JDB ECO-XX-5005915 ADS NP			FILE NAME: CE22210C1.SLDDRW, DATE: 11-25-10, TIME: 12:40 P.M.				EMERSON Process Management			TITLE ASSEMBLY METHANATOR 700 & 700XA GC			
B 09-28-10 JDB ECO-XX-5005936 ADS NP							DRN MANCHA DATE 03/28/08			DWG NO. CE-22210			
A 6-13-08 HM ECO-XX-5003758 DM BLB							CHKD DM DATE 06/13/08			REV C			
REV DATE DRN DESCRIPTION CHKD APPD							ENG BLB DATE 06/13/08			SCALE 3:4 P/N 2-3-0710-073 SHT 1 OF 1			