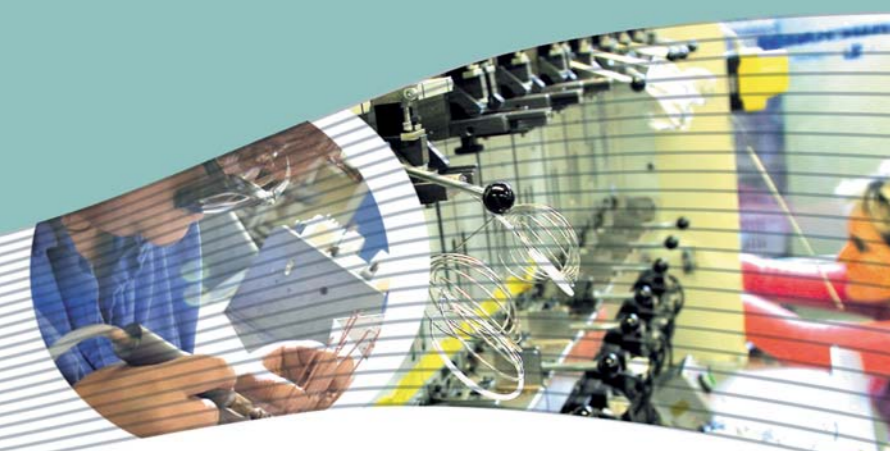


EXCELLENCE IN   
TEMPERATURE CONTROLS

 THE COTHERM CHOICE

→ Our key values

- Global presence
- Commitment
- Innovation
- Service
- Quality
- Flexibility
- Responsiveness



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COTHERM reserves the right to bring any modifications to our products. We manufacture products according to drawings which serve as contractual documents. We are not responsible for damage resulting from inappropriate installation or use of our product.








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SYNTHÈSE ECA and BUTTERFLY PROJECT - Tél. 04 76 90 02 73 - Photographs: B. PILLIA / J.P. ANGEI - DOCCOM050 - 01

→ **When you need to regulate temperature**, look for COTHERM know-how.  
 More than 3000 product references with multiple technologies  
 (electro-mechanical, electronic, mecatronic).

		Description	Temperature range	Rating	Electric water heater	Solar water heater	Electric heating	Electric radiator	Towel dryer	Boiler	Fan heater / Ventilation	Heat pump	Air conditioning	Sauna	Pool & Spa	Coffee machine	Wine cabinet	Oven (domestic and industrial)	Dish washer	Washing machine	Warming drawer	Commercial cold	Deep fryer	Commercial cold	Bain marie	Medical equipment	Industrial equipment	
<b>Capillary controls / safety limiters / combistats</b>		<b>GTL</b>	Single pole bulb and capillary control	-35°C to 350°C / -31°F to 662°F	20A - 250V (EN) 25A - 250V (UL)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		<b>BBS</b>	Combistat: single pole bulb and capillary control with double pole capillary or bimetal safety limiter	Control: 0°C to 120°C / 32°F to 248°F Limiter: fixed 75°C - 120°C / 167°F - 248°F	20A - 240V 15A - 400V	●	●	-	●	●	●	●	-	●	-	-	-	-	-	-	-	●	-	-	●	●	●	
		<b>BTS / GPC</b>	Combistat: double or triple pole bulb and capillary control and safety limiter	Control: 0°C to 300°C / 32°F to 572°F Limiter: fixed 70°C - 350°C / 158°F - 662°F	BTS 20A - 240V BTS 15A - 400V GPC 30A - 240V GPC 20A - 400V	●	●	-	-	-	●	●	-	-	●	-	-	-	-	-	-	-	●	-	-	●	●	
		<b>SBS / SBL</b>	Double pole safety limiter	Fixed 75°C - 120°C / 167°F - 248°F	20A - 240V	●	●	●	●	-	●	●	●	●	●	-	-	-	-	-	-	-	●	-	-	●	●	●
<b>Stem controls / safety limiters / combistats</b>		<b>TSE / TSR</b>	Combistat: single pole stem control with double pole safety limiter (traditional bimetal: TSE or patented MFS technology: TSR)	Control: 0°C to 160°C / 32°F to 320°F Limiter: fixed 65°C - 120°C / 149°F - 248°F	16A - 250V	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	
		<b>TUS</b>	Combistat: single pole stem control with double pole safety limiter	Control: 0°C to 160°C / 32°F to 320°F Limiter: fixed 65°C - 120°C / 149°F - 248°F	15A - 400V 20A - 250V	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●
		<b>TSDR</b>	Combistat: single pole stem control with single pole safety limiter with MFS technology	Control: 0°C to 160°C / 32°F to 320°F Limiter: fixed 60°C - 90°C / 140°F - 194°F	16A - 240V 20A - 240V	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●
<b>Encased controls</b>		<b>BMF</b>	Encased housing with single pole capillary control for surface mounted, immersion and ambient applications	0°C to 50°C / 32°F to 122°F 0°C to 90°C / 32°F to 194°F -35°C to 35°C / -32°F to 95°F	20A - 240V	●	●	-	-	-	●	-	●	-	-	-	-	-	-	-	-	-	-	●	-	-	●	
<b>Electronic controls</b>			Control and display board			<b>ECE</b>	<b>ECS</b>	-	<b>ERD</b>	<b>ESS</b>	<b>ECH</b>	-	-	-	<b>ESA</b>	-	<b>ECA</b>	<b>ECV</b>	-	-	-	-	<b>ECP</b>	-	<b>EFC</b>	-	-	-
			Encased control board			<b>BCE</b>	-	-	<b>BRD</b>	<b>BSS</b>	-	-	-	-	-	-	-	<b>BCV</b>	-	-	-	-	-	-	-	-	-	
			All in one kit			<b>KBCE</b>	-	-	-	<b>KBSS</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Remote controls</b>			Infrared, Home power network, Radio frequency remote			-	-	<b>TRD</b>	<b>TRD</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Receiver unit for remote			-	-	<b>RRD</b>	<b>RRD</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Room controls</b>		<b>TA</b>	Room ambient thermostats			-	-	●	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	
<b>Heating elements</b>		<b>REV</b>	Copper heating element with 1 1/4 flange		1 000 - 3 000 W	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>REB</b>	Copper heating element with 48 mm flange		1 000 - 3 000 W	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>RES</b>	Ceramic heating element		800 - 3 000 W	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		<b>HE</b>	Customized copper / stainless steel heating elements		300 - 3 000 W	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	