

BLACK&WHITE 3

BLACK&WHITE 3 CTMS RF

Manufacturer	Thermoplan AG, Weggis, Switzerland		
Preparation of	Coffee specialties, hot water, hot milk/foam, cold milk/foam, steam		
Capacity per hour	240 espressos / 200 coffees / 240 hot water / 130 cappuccinos 140 LATTINOS® / unlimited steam		
Brief description	The BLACK&WHITE3 CTMS RF prepares perfect coffee and milk specialties. At the same time steam can also be dispensed. The attached refrigerator has a 5-liter milk container.		
Special features	The BLACK&WHITE3 CTMS RF has a modular design. The individual modules can be serviced or exchanged in the shortest amount of time. Optionally with standard outlet or as POD version. The POD outlet is a height adjustable special outlet which makes it possible to use all conventional coffee pads. Caffeine-free or special blend- with the POD outlet the BLACK&WHITE3 CTMS KS is even more flexible.		
Operation	All products can be flexibly added to the color touchscreen and adapted to individual needs. Diverse work steps, such as filling of the beans or emptying of the grounds drawer, are displayed on the touchscreen.		
Cleaning	The coffee machine has an automatic cleaning system. A touch of the button is all that is needed and the device shows the cleaning cycle on the display, step by step.		
Design	<ul style="list-style-type: none">• Modular assembly• Massive aluminum grinder with ceramic discs• Energy efficient milk preparation through the patented coil system• Stainless steel brewing unit• Chromed steel front• Touchscreen with 7" LCD-Display• Steam pipe made of Peek™• Steam dispenser manual or automatic		
Dimensions (WxDxH)	770 x 600 x 700 mm	Weight	100 kg
Coffee outlet height	Standard	80-173 mm	
	POD outlet	80-163 mm	
Grinders	1 or 2 grinders		
Bean hopper	Each 1.5 kg, optional 2.2 kg		
Power connection	Coffee machine	230 V / 50–60 Hz / 6900 W / 3x13 A	
	Refrigerator	230 V / 50-60 Hz / 100 W / 0.5 A	
Water connection	3/8-inch, pressure 2-4 bar / 30-60 psi, no chlorine, TDS 70-200 ppm, hardness 5-8° dH (8-14° fH), pH 6.8-7.4, alkalinity < 100 ppm, iron < 0.25 ppm		
Placing	The coffee machines may only be assembled and operated on horizontal, level and fireproof surfaces. The device must have a safety distance of at least 50 mm on all sides..		

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