PURITY C Steam

Zusatzinformationen / Additional Information / Informations supplémentaires / Aanvullende informatie / Informazioni aggiuntive / Información adicional / Informacje dodatkowe / Ekstrainformationer / Дополнительная информация

Consult manual before use and/or before exchanging the cartridge

Filterköpfe PURITY C Steam 0-3 mit variablem Verschnitt
Filter Heads PURITY C Steam 0-3 with variable by-pass
Têtes de filtre PURITY C Steam 0-3 à by-pass variable
PURITY C Steam 0-3 filterkoppen met variabele bypass
Teste del filtro PURITY C Steam 0-3 con by-pass variabile
Cabezas filtrantes PURITY C Steam 0-3 con mezcla variable
Głowice filtrów PURITY C Steam 0-3 ze zmiennym obejściem
Filterhoveder PURITY C Steam 0-3 med variabel blanding
Головная часть фильтров серии PURITY C Steam с настраиваемым bypass 0-3

Verschnitt- und Kapazitätstabellen / By-pass and capacity tables / Tableau de réglage by-pass et de détermination de la capacité / Bypass- en capaciteitstabellen / Tabelle del by-pass e della capacità / Tablas de mezcla y capacidad / Tabele obejść i wydajności / Blandings- og kapacitetstabeller / Таблица ресурсов фильтра и настроек bypass

Kombidämpfer und Backöfen • Combi ovens and conventional ovens • Fours vapeur et fours traditionnels • Combi-steamers en bakovens • Sistemi di cottura a vapore combinati e forni di cottura • Hornos a vapor combinados y hornos convencionales • Parniki i piekarniki • Kombidampere og bageovne • Пароконвектоматы и иные стимеры

PURITY C Steam - Filter capacity in litre						
°dH (Carbonate hardness)	PURITY C500 Steam			PURITY C1100 Steam		
	Bypass setting			Bypass setting		
	0	1/2	3	0	1/2	3
4	7083	7792	8677	11980	13178	14676
5	7083	7792	8677	11980	13178	14676
6	7083	7792	8677	11980	13178	14496
7	6071	6679	7438	10269	11295	12425
8	5313	5844	6508	8985	9884	10872
9	4722	5194	5785	7987	8785	9664
10	4250	4675	5206	7188	7907	8697
11	3864	4250	4733	6535	7188	7907
12	3542	3896	4339	5990	6589	7248
13	3269	3596	4005	5529	6082	6690
14	3036	3339	3719	5134	5648	6212
15	2833	3117	3471	4792	5271	5798
16	2656	2922	3254	4493	4942	5436
17	2500	2750	3063	4228	4651	5116
18	2361	2597	2892	3993	4393	4832
19	2237	2461	2740	3783	4161	4578
20	2125	2338	2603	3594	3953	4349
21	2024	2226	2479	3423	3765	4142
22	1932	2125	2366	3267	3594	3953
23	1848	2033	2264	3125	3438	3782
24	1771	1948	2169	2995	3295	3624
25	1700	1870	2083	2875	3163	3479
26	1635	1798	2002	2765	3041	3345
27	1574	1731	1928	2662	2928	3221
28	1518	1670	1859	2567	2824	3106
29	1466	1612	1795	2479	2726	2999
30	1417	1558	1735	2396	2636	2899
31	1371	1508	1679	2319	2551	2806
32	1328	1461	1627	2246	2471	2718
33	1288	1417	1578	2178	2396	2636
34	1250	1375	1531	2114	2326	2558
35	1214	1336	1488	2054	2259	2485

The bypass position can be adjusted to the local water quality or the machine type.
The following recommendations for bypass settings apply by default:
Position 0: All devices in areas with an extremely high water hardness level (CH ≥ 22 °dH)
Position 1: Combi ovens and conventional ovens with direct injection system
Position 2: Combi ovens and conventional ovens with boiler system
Position 3: All devices in soft water areas (CH ≤ 7 °dH)
You can obtain individual recommendations from your BRITA contact.

Operation of filter only with PURITY C Steam filter head.

Function and Application

The BRITA PURITY Steam water filter system optimises tap water specially for combi ovens and conventional ovens. It decarbonates drinking water, thereby reducing scale deposits in and on the terminal equipment. Depending on the bypass setting, calcium and magnesium ions as well as metal ions such as lead and copper are selectively removed from the drinking water. In addition, the filter material not only reduces turbidity and organic impurities but also substances that impair smell and taste, such as chlorine.

The bypass setting, which is specially designed for combi ovens and conventional ovens, matches the reduction in the carbonate hardness to the local water hardness in order to achieve an optimum filtrate quality. The increased flow and the reduced pressure loss enable the smooth operation of the combi oven.

Technical Data

		PURITY C Steam filter system with filter cartridge	
Operating pressure		2 bar to max. 8.6 bar	
Water intake temperature		4 °C to 30 °C	
Ambient temperature during	operation	4 °C to 40 °C	
	storage/transport	–20 °C to 50 °C	
Water inlet and outlet connection		G3/8”	
Filter system		**PURITY C500 Steam**	**PURITY C1100 Steam**
Flow rate with 1 bar pressure loss		300 l/h	300 l/h
Nominal flow		100 l/h	100 l/h
Pressure loss at nominal flow		0.1 bar	0.2 bar
Weight	dry	4.6 kg	7.7 kg
	wet	6.9 kg	12.5 kg
Dimensions (Width/ Depth/ Height)	Filter system (filter head with filter cartridge)	144 mm/ 144 mm/ 557 mm	184 mm/ 184 mm/ 557 mm
	Filter cartridge	144 mm/ 144 mm/ 548 mm	184 mm/ 184 mm/ 548 mm
	Installed dimensions (vertical installation with wall mounting bracket)	144 mm/ 148 mm/ 557 mm	-
Operating position		Horizontal or vertical	

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