

Baxter

CWP 60

WATER SYSTEM

CWP 60

Designed for water purity

The quality of the water used to prepare dialysis fluid is extremely important. Even water considered as acceptable according to international standards may have chronic as well as acute effects on dialysis patients^{1,2}

- User-friendly control panel
- Simple, reliable and compact design
- Integration with Baxter dialysis machines
- Low noise level
- The **CWP 60** system is available in five capacities³



CWP 60 SYSTEM

Technical data

PRODUCT WATER

Minimum capacity in liters/minute (liters/hour) at a product water outlet pressure of 200 kPa:

Model	61	62	63	64	66
+ 5 °C	8 (480)	14 (840)	19 (1140)	23 (1380)	30 (1800)
+10 °C	9 (540)	16 (960)	21 (1260)	25 (1500)	32 (1920)
+15 °C	11 (660)	18 (1080)	23 (1380)	27 (1620)	35 (2100)
+20 °C	13 (780)	20 (1200)	25 (1500)	29 (1740)	35 (2100)

QUALITY

Depends on inlet water quality. If potable water is used and the system is properly maintained, the following rejection rates will be obtained:

Total dissolved salts	> 95%
Bacteria (CFU) & endotoxins (EU)	> 99%
Water conversion factor	max. 75%

WATER SUPPLY

Model	61	62	63	64	66
Min. input, l/min (l/hour):	20 (1200)	30 (1800)	40 (2400)	50 (3000)	60 (3600)
Min. input pressure, kPa:	100	100	150	250	350
Max. input pressure	500 kPa (all models)				
Temperature	+5 °C to +25 °C*				

* Maximum +20 °C if peracetic acid is used for disinfection

QUALITY

Potable water should be used. Additional pretreatment is normally necessary. Membrane and machine life expectancy depend on inlet water quality. It is recommended not to operate the CWP outside the following limits

Hardness	< 1 °dH (1.8 °fH)
Iron	< 0.1 mg/l
Manganese	< 0.1 mg/l
Chloride	< 100 mg/l
Silica	< 25 mg/l
Total dissolved salts	< 1500 mg/l
Chlorine	< 0.1 mg/l
Fouling index (S.D.I.)	< 5

DRAIN REQUIREMENTS

Model	61	62	63	64	66
Min. input, l/min (l/hour):	20 (1200)	30 (1800)	40 (2400)	50 (3000)	60 (3600)

Maximum flow occurs during flushing.

CONNECTIONS

Inlet	PVC union, fit to pipe OD 25 mm
Drain	PVC union, fit to pipe OD 32 mm
Product water outlet & return	PVC union, fit to pipe OD 25 mm

MEMBRANES

Membrane material	Modified polyamide, thin film composite
Membrane configuration	Spiral wound
pH-tolerance	2-11

POWER SUPPLY

Mains voltage	230/400 V, 50 Hz, three-phase (five wires); other voltages on request.
Power rating	WRO 61-62: 1.6 kW WRO 63-64, 66: 2.3 kW
Fuse	WRO 61-62: 10 AT (slow blow) [380-415 V] WRO 63-64, 66: 16 AT (slow blow) [380-415 V]

SOUND LEVEL

Sound level	At least 65 dBA at 3 meters distance
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AMBIENT TEMPERATURE

Shipping and storage	-10 °C to +40 °C
Operation	+5 °C to +35 °C

DIMENSIONS

Model	61	62	63	64	66
Depth (mm)	410	410	410	410	410
Width (mm)	830	830	830	1030	1030
Height (mm)	2025	2025	2025	2025	2025

500 mm extra space is required on both sides of the unit.

WEIGHT

Model	61	62	63	64	66
Unit (kg)	175	185	195	230	260
Unit + packing (kg)	300	310	320	360	390
Operation (kg)	190	205	220	260	300

For safe and proper use of the device, please refer to the Instructions for Use

1. Hoenich NA, et al. *The Importance of Water Quality and Haemodialysis Fluid Composition*. Blood Purif 2006;24:11-18.
2. ISO 23500-3:2019.
3. Operator's Manual HCEN124670120.

CE 2797