

UV System BX Series

Applications

- Private and municipal drinking water supplies beverage and food industry process water for industrial use

Advantages

- High disinfection efficiency while low energy consumption higher UV-C output of lamps facilitates less lamps for the the same flow rates temperature stable Spektrotherm® Lamp from BX 50 possible temperature range 0-60 °C calibrated UV intensity monitoring system long lamp life variable lamp power management from BX 80 (option) automatic wiping system (option) easy operation and maintenance



[Click to enlarge](#)

Technical Data

(Note: The table shows **calculated flow rate values**. Certified values available on [demand](#).)

Type	Capacity* (m ³ / h)	Flange Connection	Power Consumption (kW)	Dimensions W x H x D (mm)
BX 20	27	DN 80	0.23	260 x 930 x 330
BX 30	41	DN 80	0.34	275 x 930 x 348
BX 50 **	57	DN 100	0.47	365 x 1,000 x 443
BX 80	112	DN 150	0.8	275 x 1,530 x 368
BX 100 **	167	DN 150	0.8	365 x 1,535 x 458
BX 200	298	DN 200	1.5	365 x 1,535 x 458
BX 280	435	DN 250	1.5	470 x 1,535 x 565
BX 400	530	DN 250	2.2	470 x 1,535 x 565
BX 650	850	DN 300	3.0	600 x 1,540 x 700
BX 900	1,037	DN 350	3.7	700 x 1,540 x 800
BX 1200	1,039	DN 350	4.5	770 x 2,400 x 825
BX 1800	1,357	DN 400	6.7	730 x 2,400 x 925
BX 2400	2,120	DN 500	8.8	930 x 2,400 x 1,265
BX 3200	2,120	DN 500	11.6	1,060 x 2,400 x 1,380

* UV dose = 400 J/m² at the end of lamp lifetime; estimated UV transmittance = 98 % per 1 cm. Spektrotherm® lamps in model BX 50. Spektrotherm®-HP lamps in models from BX 80 and larger. All specifications are subject to change without notice.

** Certified according to ÖVGW and DVGW