



## UV Disinfection Systems A/B Series

Main Applications:  
Sea water, corrosive media,  
fish farming

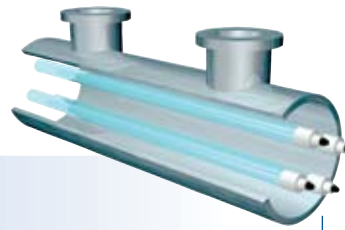
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### New A/B Series in Polyethylene

The new WEDECO A/B series in Polyethylene (PEHD) is most suitable for the disinfection of sea water and other corrosive media. The reactor chamber is made of a noncorrosive and highly temperature stable Polyethylene quality. The high intensity WEDECO Spektrotherm® UV lamps will guarantee a maximum disinfection level and efficiency in cold and warm water applications. These UV systems can either be mounted horizontally or vertically into existing pipe lines and are equipped with a separate electrical cabinet.



Radiation geometry



### ADVANTAGES

- High quality PEHD reactor chamber
- Excellent disinfection capacity at low energy consumption
- High UV-C output of the lamps guarantees a small number of lamps in regards to the overall flow capacity
- Spektrotherm® high intensity low pressure lamps with excellent temperature stability
- UV monitoring and control by a highly selective, calibrated UV sensor
- Long lamp life
- Simple operation and easy maintenance

### Technical Data

Type	Flow rate approx.* (m <sup>3</sup> /h)	Flange connection	Power consumption (kW/VA)	Reactor dimensions W x H x D (mm)
A 10 - PE	10.4	DN 65	0.17 / 0.22	895 x 300 x 170
B 32 - PE	32.0	DN 100	0.38 / 0.45	950 x 315 x 265
B 60 - PE	67.5	DN 150	0.57 / 0.67	1,270 x 330 x 253
B 120 - PE	134.4	DN 200	0.95 / 1.12	1,280 x 420 x 307
B 160 - PE	219.5	DN 200	1.33 / 1.56	1,290 x 415 x 339
B 300 - PE	393.0	DN 300	2.84 / 3.34	1,600 x 445 x 391

\* UV dose = 400 J/m<sup>2</sup> at the end of lamp lifetime; estimated UV transmittance = 98 % per 1 cm. All specifications are subject to change without notice.