FR300 - 1500

Surface Disinfection

The FR system with HPF reflector is suitable for the disinfection of particularly heavy surface contamination.
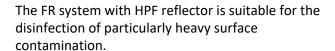
Applications: Laboratories | Pharmaceutical industry | Drink industry |Food production | Packaging lines | Screen systems | Conveyor systems | Proofing cabinets / systems | OEM machine and equipment building

Function: The HPF reflector provides up to 2.5x better performance, generating concentrated and strong UV-C illumination.

Equipment: Powerful UV-C emitter with additional HPF technology reflectors, for targeted and precise disinfection, IP54.

Assembly/maintenance: Ready to plug-in – cable length 3m; emitters can be exchanged by the operator.

Option: Electronic ballast mounted in the switch cabinet or available separately; LED indicator for easier functional control; remote signaling contact for function monitoring.

Technical Data

Type	FR 300	FR 400	FR 500
Dimensions in mm L x W x H	342 × 64 × 54	442 × 64 × 54	542x × 64 × 54
Housing material	V2A stainless steel		
Emitter ST1	UV-C high efficiency / 12.000 h		
Power in W	13	18	23
Voltage	230V ± 10% (50 – 60Hz)		
Connection cable in m	3 / 6 / 10		
Weight in kg	1.15	1.25	1.35

Technical data continued on Page 2.

Type	FR 600	FR 700	FR 810
Dimensions in mm L x W x H	642 × 64 × 54	742 × 64 × 54	852 × 64 × 54
Housing material	V2A stainless steel		
Emitter ST1	UV-C high efficiency / 12.000 h		
Power in W	29	35	40
Voltage	230V ± 10% (50 − 60Hz)		
Connection cable in m	3 / 6 / 10		
Weight in kg	1.4	1.7	1.8

Type	FR 1000	FR 1200	FR 1500
Dimensions in mm L x W x H	1042 × 64 × 54	1242 × 64 × 54	1542 × 64 × 54
Housing material	V2A stainless steel		
Emitter ST1	UV-C high efficiency / 12.000 h		
Power in W	50	61	77
Voltage	230V ± 10% (50 − 60Hz)		
Connection cable in m	3 / 6 / 10		
Weight in kg	2.2	2.6	2.8