

LUMINOR Blackcomb® Ultraviolet Systems

Blackcomb® UV Disinfection Systems deliver safe, chemical-free disinfection through combining proven UV technology with advanced, user-friendly controls.

The powerful UV rays are applied to the water inside an enclosed stainless steel reactor chamber, and destroys the DNA of micro-organisms, preventing them from multiplying.

A recognised, safe and reliable method of disinfection, UV systems are highly effective against bacteria, viruses, mould spores, algae, parasites and cysts.

The advanced 5.0 Series controller is included standard which offers simplified user controls via the colour display and audible alarm for lamp failure.

All systems can be upgraded with a UV-Sensor which monitors the disinfection capability and alarms when disinfection is reduced.

Benefits

- Chemical free disinfection
- Low maintenance simple design
- Advanced 5.0 Series controller
- 9000 Hour Lamp Life
- Systems from 11-150 litres per minute

Applications

- Point-of-Entry Filtration
- Drinking Water
- Food Service
- Point-of-use filtration
- Rainwater Filtration



			Flow rate (LPM)		
Order Code	Description	Lamp (W)	16mJ/cm ²	30mJ/cm ²	40mJ/cm ²
Lite-Commercial Series					
UV-LB5-034	Blackcomb® UV System with ½" Ports	15	23	11	9
UV-LB5-064	Blackcomb® UV System with ¾" Ports	30	41	23	17
UV-LB5-104	Blackcomb® UV System with ¾" Ports	39	77	41	31
UV-LB5-154	Blackcomb® UV System with 1" Ports	50	110	57	45
Commercial Series					
UV-LBH5-254	Blackcomb® HO UV System with 1" Ports	67	180	95	72
UV-LBH5-404	Blackcomb® HO UV System with 1 ½" Ports	101	290	150	120

System	Chamber Material	Lamp Code	Quartz Code	Reactor Dimensions	Operating pressure	Operating Temp
UV-LB5-034	304	RL-290	RQ-290	Ø 6.4 x 36.3	10 Bar (150 PSI)	2-40°C
UV-LB5-064	304	RL-470	RQ-470	Ø 6.4 x 54.1		
UV-LB5-104	304	RL-820	RQ-820	Ø 6.4 x 89.4		
UV-LB5-154	304	RL-999	RQ-999	Ø 6.4 x 101.6		
UV-LBH5-254	316L	RL-600HO	RQ-600	Ø 8.9 x 68		
UVS-LBH5-404	316L	RL-950HO	RQ-950	Ø 8.9 x 103.4		

Note: Flow rates are based on UVT of 95%. Please contact 1800 446 500 for other dosage applications