

### Description of the device

A UV-C disinfection unit can be an important gatekeeper for humidifiers. The UV-C lamp creates a radiation which kills bacteria and viruses, however, it doesn't remove them from the water!

By using these disinfection units, a bacteriological safe humidification can be achieved. The UV-C units are equipped with a warning signal which gives a warning when the UV-C lamp is damaged or malfunctioning.

Although a UV-C is a good gatekeeper, it doesn't extract any minerals from the water. If you want to prevent evaporating minerals, a reverse osmosis installation is recommended.

**WARNING!**

**Never look into the UV-C lamp when it is illuminated, the light can damage your eyes.**



**UV-C disinfection unit 270 and 3179**



**UV-C disinfection unit 12111**

### Technical details

Part number	270	3179	12111
Maximum capacity UV-C [l/hr]	50	600	2,000
Dimensions [mm]	300 x Ø 40	430 x Ø 60	582 x 270
Weight [kg]	1	2	1.7
Water connection [inch] (male)	1/8	1/2	3/4
Power consumption [W]	12	16	25
Power connection [Vac / Hz]	230 / 50		
Maximum water pressure [bar]	9		16
Maximum water temperature [°C]	40		50
Warning signal	Optical		Optical and acoustic
Material	AISI 304		Plastic
Lifespan of the lamp [hours]	8,000		9,000

**Remark:**

Other capacities are also available. Please contact Cumulus in this regard.

Subject to changes.