

Version 1.1

No	Unit	Setting	Remark to flow setting	Flow settings unit (m3/hr)	UV dose (mj/cm2)	Log reduction Corona (%)	Recommended air recirculation in a room	Max room size at recirculation of 1 x per 2 hrs in m3	Max room size at recirculation of 1 x per 4 hrs in m3	Remark
1	Air 160	Minimum		25	8,46	99,99	once every 2 to 4 hours	50	100	
2	Air 160	Maximum		50	4,23	99,97	once every 2 to 4 hours	100	200	
3	Air 200	Minimum	Multiple setting	25	8,46	99,99	once every 2 to 4 hours	50	100	
4	Air 200	Maximum		50	4,23	99,97	once every 2 to 4 hours	100	200	
5	Air 300	Minimum	Fully variable setting	100	2,64	99,90	once every 2 to 4 hours	200	400	in execution with 2 x UV module placed
6	Air 300	Maximum		1200	0,22	40,00	once every 2 to 4 hours	2400	4800 (*)	

(\*) : Theoretical value

**Control on Corona virus:**

- 0,6 mJ.cm2 = 90% kill
- 1,2 mJ/cm2 = 99% kill
- 2,4 mJ/cm2 = 99,9% kill
- 4,8 mJ/cm2 = 99,99% kill ( is highest reduction possible)
- Higher doses also offer a 99,99% kill

Fresh air required per person per hour: 36 m3 per hr per person ( not a variable we should take into consideration)