

## UVG 2000 / UVG 3000 Multi-Assembly In-Duct Modules

### For total design flexibility

The UVG 2000 and UVG 3000 range of sterilisation units are capable of multi-assembly. This feature ensures our products can match most given air volumes without compromising on sterilisation efficiency.



For technical information on UVG 2000 and UVG 3000 products see the relevant individual technical specification sheets.

Note! UVG 2000 air duties based on 20Pa UVG 3000 air duty based on 35 Pa total.

CALMEC are always happy to discuss bespoke applications please contact CALMEC on 01202 070 280.



## UVG 2000 / UVG 3000 - Multi-Assembly In-Duct Modules

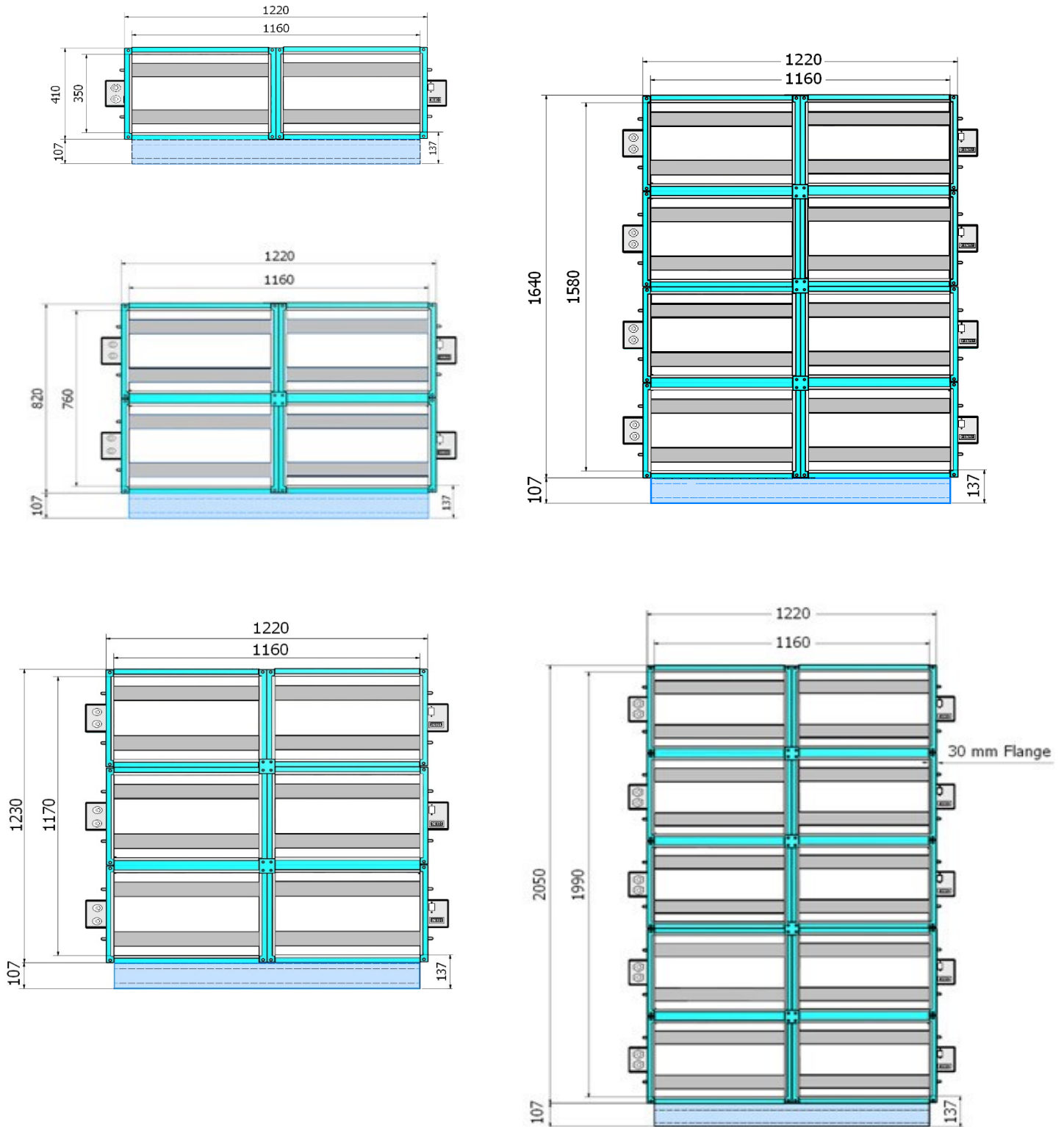
Model	Air volume (m <sup>3</sup> /s - cfm) Optimum - Max Duty	Duct Connection W x H (mm)	Weight	Watts		Joint Kit Sets.
				UVG 2000	UVG 3000	
UVG 2000/2	1.6 - 1.8 m <sup>3</sup> /s	1160 X 350	75 kg	560	2 x floor channel	
or UVG 3000/2	(3,390 - 3,814 cfm)		85 kg	1120	2 x top/bottom jointing plate	
UVG 2000/4	3.2 - 3.6 m <sup>3</sup> /s (6,780 - 7,628 cfm)	1160 X 760	150 kg	1120	2 x floor channel	
or UVG 3000/4					2 x top/bottom jointing plate	2 x side jointing plate 2 x centre plate
UVG 2000/6	4.8 - 5.4 m <sup>3</sup> /s (10,170 - 11,442 cfm)	1160 X 1170	220 kg	1680	2 x floor channel	
or UVG 3000/6					2 x top/bottom jointing plate	4 x side jointing plate 4 x centre plate
UVG 2000/8	6.4 - 7.2 m <sup>3</sup> /s (13,560 - 15,256 cfm)	1160 X 1580	290 kg	2240	2 x floor channel	
or UVG 3000/8					2 x top/bottom jointing plate	6 x side jointing plate 6 x centre plate
UVG 2000/10	8.0 - 9.0 m <sup>3</sup> /s (16,951 - 19,070 cfm)	1160 X 1990	360 kg	2800	2 x floor channel	
or UVG 3000/10					2 x top/bottom jointing plate	8 x side jointing plate 8 x centre plate
UVG 2000/12	9.6 - 10.8 m <sup>3</sup> /s (20,342 - 22,884 cfm)	1160 X 2400	430 kg	3360	2 x floor channel	
or UVG 3000/12					2 x top/bottom jointing plate	10 x side jointing plate 10 x centre plate
UVG 2000/14	11.2 - 12.6 m <sup>3</sup> /s (23,733 - 26,698 cfm)	1160 X 2810	505 kg	3920	2 x floor channel	
or UVG 3000/14					2 x top/bottom jointing plate	12 x side jointing plate 12 x centre plate

**Important!** For air duties greater than 12.6 m<sup>3</sup>/s (26,700 cfm) twin disinfection banks in a bifurcated format should be used (See Assembly Option sheet for details)

Important! The operation of this unit must be inter-locked with the airflow such that in the event of 'airflow failure' the unit will automatically switch off to protect the lamps.  
Note: For multi-assembly modules each unit should be provided with an individual fused spur.



### UVG 2000 / UVG 3000 - Multi-Assembly In-Duct Modules





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**Assembly options**

**ELEVATION**

**PLAN**

Multi-Assembly for either top or bottom lamp access.

Duty Range:

UVG 2000 or 3000 / (1160mm W x 550mm D)

Minimum Duty: 1.6 - 1.8 m<sup>3</sup>/s (3,390 - 3,815 cfm)

To

Maximum Duty: Restricted by access or physical limitations only.

**ELEVATION**

**PLAN**

Multi-Assembly stack with double sided lamp access.

Duty Range:

UVG 2000 or 3000 / (1160mm W x 550mm D)

Minimum Duty: 1.6 - 1.8 m<sup>3</sup>/s (3,390 - 3,815 cfm)

To

UVG 2000 or 3000/14 (1160mm W x 2810mm H)

Maximum Duty: 11.2 - 12.6m<sup>3</sup>/s (23,730 - 26,700 cfm)

**PLAN**

Bifurcated multi-assembly arrangement.

For air duties above 12.6 m<sup>3</sup>/s to 25.2 m<sup>3</sup>/s (23,730 - 53,400 cfm)

For duties above 25.2 m<sup>3</sup>/s (53,400 cfm) refer to Purified Air sales team for options.

General Note:

For optimum disinfection ensure all air is distributed evenly across all UV cells.