



BSG CCX ENERGY KITS

COIL SIZING REFERENCE

CCX ENERGY UV lamp selection

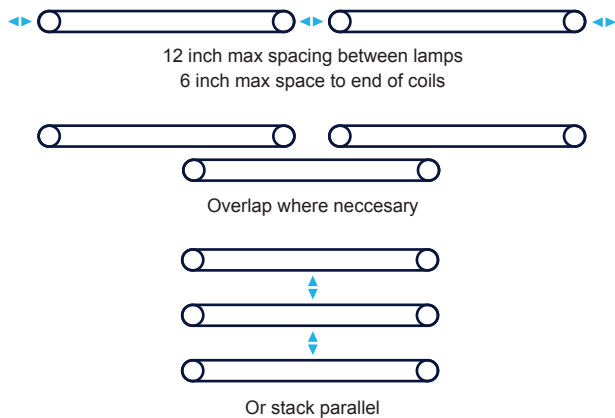
1. Determine the height and width of the coil to be irradiated
2. Use this chart to determine the number of **CCX CoilCare Kits** and size of lamps needed for proper coverage of the coil
3. For coil sizes not listed, please use the table below for conservative estimation or contact your BSG representative for a detailed calculation

Sizing chart

The actual coil dimensions may require choosing a similar charted size. The following guidelines will help with selecting a suitable configuration. If a precise calculation is desired, please contact your BSG representative.

- Max 36 inches between parallel (stacked) lamps
- Max 12 inches between end to end lamps
- Max 6 inches from the end of the lamp to the edge of the coil
- When end to end lamps have longer combined length than the coil dimension, they may be overlapped
- Install lamps 6-18 inches from the coil surface; 12 inches is optimal

		Lamp sizings											
(in)	24	32	40	48	56	62	72	82	98	108	120	144	(in)
144	3x48	3x48	3x36	3x36	3x48	3x48	3x64	3x64	4x48	4x64	4x64	6x48	144
120	3x18	3x24	3x36	3x36	3x48	3x48	2x64	3x64	4x48	6x36	6x36	4x64	120
108	2x48	2x48	2x36	3x36	2x48	3x48	2x64	3x64	4x48	4x48	4x48	4x64	108
98	2x48	2x48	2x36	2x48	2x48	3x48	2x64	3x64	4x48	4x48	4x48	4x64	98
82	2x36	2x24	2x36	2x36	2x48	2x48	2x64	2x64	3x64	3x64	3x48	3x64	82
72	1x64	1x64	2x36	2x36	2x48	2x48	2x64	2x64	2x64	2x64	2x64	3x64	72
62	2x18	2x24	2x36	2x36	2x48	2x48	2x48	2x48	3x48	3x48	3x48	3x48	62
56	1x48	1x48	2x24	2x36	2x48	2x48	2x48	2x48	2x48	2x48	3x48	3x48	56
48	2x18	2x18	2x24	2x36	2x36	2x36	2x36	2x36	2x36	3x36	3x36	3x36	48
40	1x36	1x36	1x36	2x24	2x24	2x36	2x36	2x36	2x36	2x36	3x36	3x36	40
32	1x18	2x18	1x36	2x18	1x48	2x24	1x64	2x24	2x48	2x48	3x24	3x48	32
24	1x18	1x16	1x36	2x18	1x48	2x18	1x64	2x36	2x48	2x48	3x18	3x48	24



CCX ENERGY UV lamp selection

	Lamp size (in)				
	18	24	36	48	61
Power required for 1 lamp (w)	50	67	87	120	155
Power required for 2 lamps (w)	100	134	174	240	310

Note: These configurations are typical for coil surface disinfection only. Any airborne disinfection application must be specifically sized by your BSG representative.

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