



PRESS CONFERENCE 2020
BOFA Air Purifier



PRESS CONFERENCE 2020

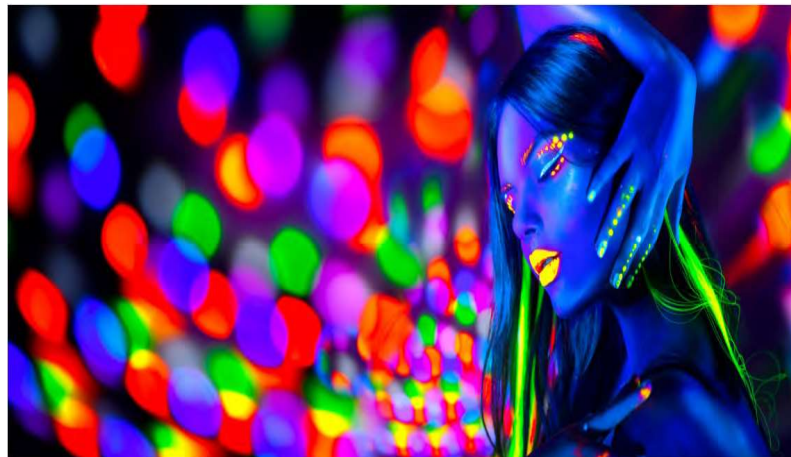
BOFA Air Purifier



VOC testing consisted of running a series of test prints using CS100 printing ink and measuring the VOCs emitted during the printing process. Measurements were taken at three points, one in front of the left-hand manifold, one in front of the righthand manifold and another measurement location beneath the printer. All VOC readings are given in parts per million (ppm).

4 print cycles were completed in the following order and configuration:

- Test 1 - Print with extraction, typical printing speed, PPU set to speed 3 (~200 m³/hr)
- Test 2 - Print with extraction, typical printing speed, PPU set to speed 5 (~240 m³/hr)
- Test 3 - Print with extraction, maximum printing speed, PPU set to speed 5 (~240 m³/hr)
- Test 4 – Print without extraction



Test results from the prototype

Test #	Image Status	Extraction	Printing Speed	Extraction Speed	Left	Right	Below
1	Start	Yes	Typical	3	0.1	0.1	N/A
	Half printed				0.9	0.9	N/A
	Complete				1.8	2.5	0.8
2	Start			5	1.1	1.1	N/A
	Half printed				1.4	1.4	N/A
	Complete				1.4	1.7	2.2
3	Start		Maximum	5	1.1	1.1	N/A
	Half printed				1.4	1.5	N/A
	Complete				1.9	2.1	2.4
4	Start	No		N/A	2	2	N/A
	Half printed				122	110	N/A
	Complete				240	251	N/A
2-butoxyethyl acetate WEL 20ppm							