SAFETY DISTANCE TABLE

SHOWVEN FLAME MACHINES

Machines	Case examples			General Formulas				Reference diagram (Page 3)
	Nozzles	Safety Radius (a)	Safety Height (b)	Safety Height WITHOUT WIND	Safety Height WITH WIND	Safety Radius WITH WIND	Max Wind Speed For safe use	
C-FLAMER	CH NOZZLE	3m	15m	Safety height = Effect height x 1.5m	/	Safety radius = 3 + Wind speed (m/s)	17m/s	①
C-FLAMER **BOOM**	CM NOZZLE	6m	15m	Safety height = Effect height x 1.5m	/	Safety radius = 6 + Wind speed (m/s)	17m/s	①
C-FLAMER **mVOLCANO**	CL NOZZLE	4m	9m	Safety height = Effect height x 1.5m	/	Safety radius = 4 + Wind speed (m/s)	17m/s	②
	CH NOZZLE	5m	15m			Safety radius = 5 + Wind speed (m/s)		
C-FLAMER **QUAD**	CH NOZZLE	3m	15m	Safety height = Effect height x 1.5m	/	Safety radius = 3 + Wind speed (m/s)	17m/s	①
C-FLAMER **VOLCANO**	CH NOZZLE	5m	15m	Safety height = Effect height x 1.5m	/	Safety radius = 6 + Wind speed (m/s)	17m/s	②
CIRCLE FLAMER **II**	EL NOZZLE	2m	9m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 3 + Wind speed (m/s)	17m/s	②
	L NOZZLE	2,5m	12m					
	PM NOZZLE	3m	15m					
	H NOZZLE	3,5m	18m					
CIRCLE FLAMER **X-F1800**	L NOZZLE	2,5m	12m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 12 + Wind speed (m/s)	Safety radius = 2,5 + Wind speed (m/s)	17m/s	②
	M NOZZLE	3m	15m		Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 3 + Wind speed (m/s)		
CIRCLE FLAMER **X-F3600**	L NOZZLE	2,5m	12m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 12 + Wind speed (m/s)	Safety radius = 2,5 + Wind speed (m/s)	17m/s	②
	M NOZZLE	3m	15m		Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 3 + Wind speed (m/s)		

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	Nozzles	Safety Radius (a)	Safety Height (b)	Safety Height WITHOUT WIND	Safety Height WITH WIND	Safety Radius WITH WIND	Max Wind Speed For safe use	
U-FLAMER	L NOZZLE	2,5m	12m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 12 + Wind speed (m/s)	Safety radius = 2,5 + Wind speed (m/s)	17m/s	①
	M NOZZLE	3m	15m		Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 3 + Wind speed (m/s)		
U-FLAMER **II**	EL NOZZLE	2m	9m	Safety height = Effect height x 1.5m	/	Safety radius = 5 + Wind speed (m/s)	17m/s	①
	L NOZZLE	2,5m	12m					
	PM NOZZLE	3m	15m					
	H NOZZLE	3,5m	18m					
U-FLAMER **MAX**	XXH NOZZLE	5m	30m	Safety height = Effect height x 1.5m	/	Safety radius = 5 + Wind speed (m/s)	17m/s	①
U-FLAMER **MAX PLUS**	XXH NOZZLE	5m	30m	Safety height = Effect height x 1.5m	/	Safety radius = 5 + Wind speed (m/s)	17m/s	①
U-FLAMER **VOLCANO**	L NOZZLE	5m	12m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 12 + Wind speed (m/s)	Safety radius = 5 + Wind speed (m/s)	17m/s	②
	M NOZZLE	6m	15m		Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 6 + Wind speed (m/s)		
CIRCLE FLAMER **X1800**	L NOZZLE	2,5m	12m	Safety height = Effect height x 1.5m	Safety distance in effect direction = 12 + Wind speed (m/s)	Safety radius = 2,5 + Wind speed (m/s)	17m/s	②
	M NOZZLE	3m	15m		Safety distance in effect direction = 15 + Wind speed (m/s)	Safety radius = 3 + Wind speed (m/s)		
U-FLAMER **PF10**	M NOZZLE	5m	15m	Safety height = Effect height x 1.5m	/	/	17m/s	①
U-FLAMER **X20**	XXH NOZZLE	5m	27m	Safety height = Effect height x 1.5m	/	Safety radius = 5 + Wind speed (m/s)	17m/s	①

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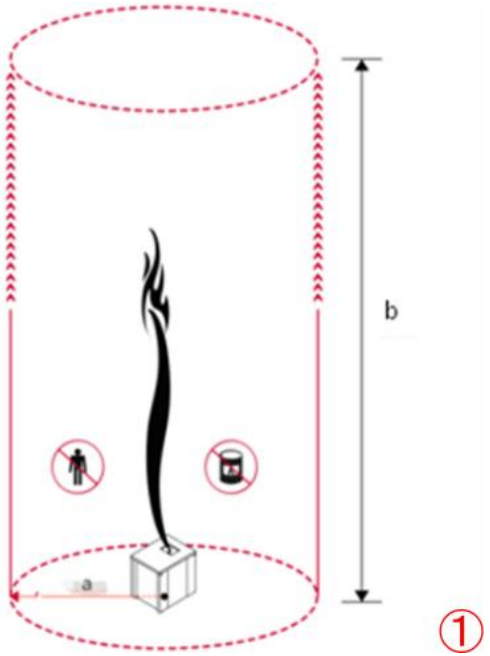
U-FLAMER **X-GASBOOM**	BUSE G16	2,5m	5,5m	Safety height = Effect height + 2m	/	/	/	②
	BUSE G20	2,5m	6m					
	BUSE G25	3m	6,5m					
	BUSE GA	4m	10m					
U-FLAMER **GASBOOM**	BUSE G16	2,5m	5,5m	Safety height = Effect height + 2m	/	/	/	①
	BUSE G20	2,5m	6m					
	BUSE G25	3m	6,5m					
	BUSE GA	4m	10m					



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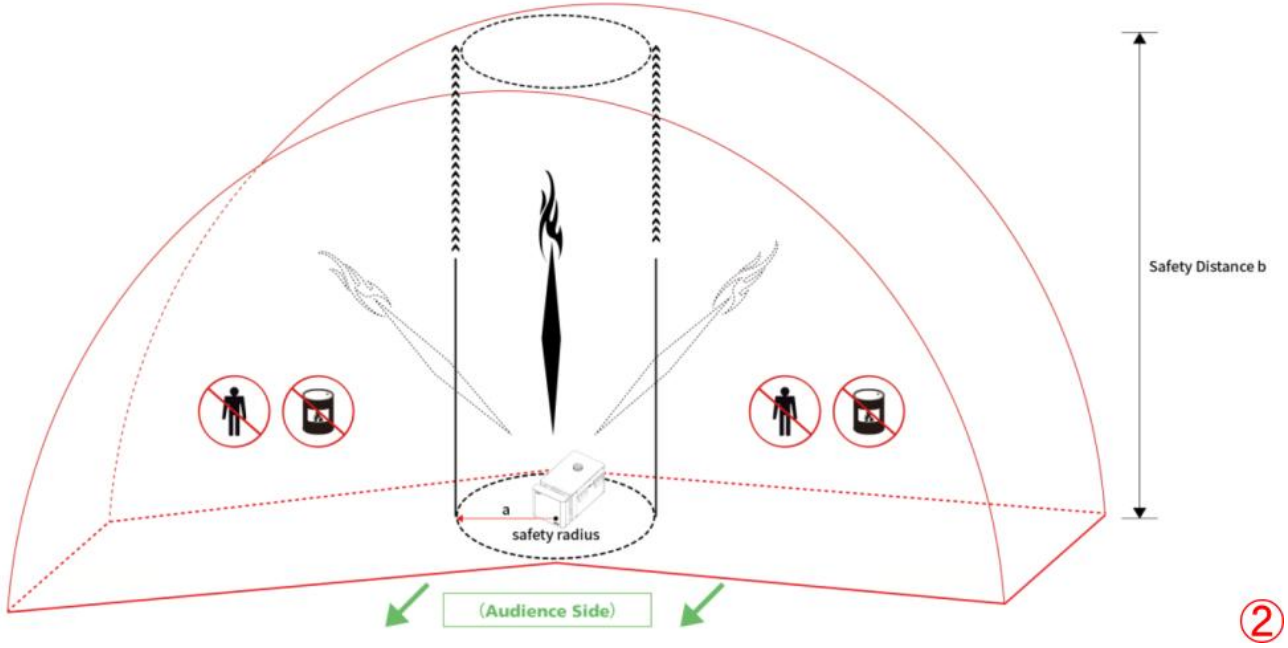

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