TANK COOLING NOZZLE

Tank cooling nozzle UL ½”
BE-1/2-K20, K32, K37, K42, K59 & K79



PRODUCT DESCRIPTION

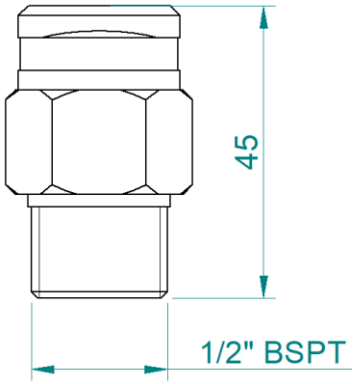
The AG Fire Sprinkler Nozzles Models BE-1 and BE-2 are designed to decrease the temperature of the tanks through a water flat curtain.

Those nozzles is usually mounted in a vertical position surrounded the tank separated a specific distance from the exterior wall. Reducing the tank temperature absorbs the heat radiation.

TECHNICAL DATA

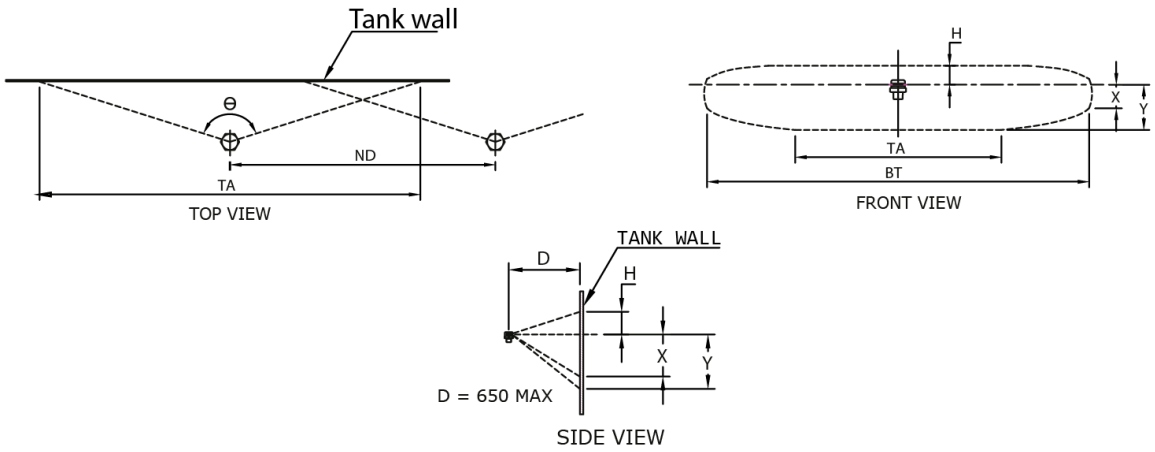
Model	BE-1: Brass BE-2: Stainless Steel
Maximum Working Pressure	12 bar (175 psi)
Effective Working Pressure	1.4 bar to 3.5 bar (20 psi to 50 psi)
End connection	1/2” BSPT (1/2” NPT Optional)
K-Factor	K20, K32, K37, K42, K59 & K79
Weight (Approx.)	0,180 Kg

DIMENSIONS



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DISTRIBUTION PATTERNS



MODEL	K FACTOR	MEASURES (mm)						ANGLE (º)
		TA	BT	H	X	Y	ND	
BE-K20	K20 (1.4)	4.3 x D	7.3 x D	0.25 x D	0.3 x D	0.7 x D	5.0 x D	150
BE-K32	K32 (2.24)	4.5 x D	7.6 x D	0.25 x D	0.3 x D	0.7 x D	5.0 x D	150
BE-K37	K37 (2.57)	4.5 x D	7.6 x D	0.25 x D	0.4 x D	0.85 x D	5.0 x D	150
BE-K42	K42 (2.94)	4.65 x D	9.1 x D	0.25 x D	0.4 x D	0.85 x D	6.0 x D	155
BE-K59	K59 (4.13)	5.15 x D	7.4 x D	0.35 x D	0.4 x D	0.85 x D	6.0 x D	155
BE-K79	K79 (5.53)	5.55 x D	11.3 x D	0.35 x D	0.4 x D	0.85 x D	6.0 x D	160

INSTALLATION AND MAINTENANCE

To get the best results of the nozzle it must be storage at the original packing and when unpacked handle it with too much care. If is shown any damage at the nozzle it shouldn't be installed.

It is necessary to use Teflon or another sealing product at the male thread of the nozzle. If it is applied an excessive torque it would cause a serious damage at the nozzle that may affect the nozzle spray pattern and its performance.

It is totally recommended to check the installation, especially the nozzle by an authorized technician. Any obstruction, external or internal, has to be checked. The nozzle has to be cleaned or replaced if it was necessary.

The owner is the only responsible for maintaininf the water spary system and its components.

ORDERING INFORMATION

K FACTOR	BRASS	STAINLESS STEEL
20 (1.4)	BE115UL020	BE215UL020
32 (2.24)	BE115UL032	BE215UL032
37 (2.57)	BE115UL037	BE215UL037
42 (2.94)	BE115UL042	BE215UL042
59 (4.13)	BE115UL059	BE215UL059
79 (5.53)	BE115UL079	BE215UL079

Specify:

Nozzle Model	
Quantity	
Type of nozzle	
Orifice size	
K factor	
Pressure	

The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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