



Window / Water Curtain Nozzle

TECHNICAL DATA :

MODEL	WC-15 & WC-20 in Brass IS319 / ASTM B16
	WC-15S & WC-20S in S.S. construction
MAXIMUM WORKING PRESSURE	12.3 Kg./Sq.cm. (175 PSI)
EFFECTIVE WORKING PRESSURE	1.4 TO 3.5 Kg./Sq.cm. (20 TO 50 PSI)
END CONNECTION	WC-15 & WC-15S with ½" BSPT (NPT optional)
	WC-20 & WC-20S with ¾" BSPT (NPT optional)
K-FACTOR	Model : WC-15 / WC-15S K23, K30, K37, K45, K53 & K72
	Model : WC-20 / WC-20S K98, K120, K140
APPROXIMATE WEIGHT	Model WC-15 - 0.180 Kg. Model WC-20 - 0.250 Kg.
FINISH	Nickel chrome or Brass finish for WC-15 & WC-20
	Natural finish for WC-15S & WC-20S
ORDERING INFORMATION	Please specify Model, K factor and Finish.



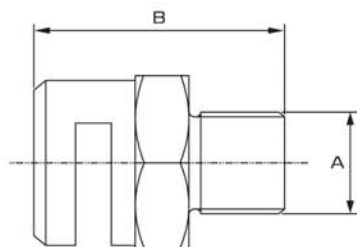
Water Curtain Nozzle distributes water in a flat curtain extending all the way to the ground.

Water Curtain Nozzle when mounted in pendent position acts as a window spray nozzle to protect interior walls, windows and other opening of the building which are affected by fire.

The nozzles when mounted in horizontal position with flow towards ground, a flat water curtain is produced to segregate the area which is under fire.

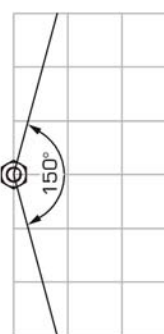
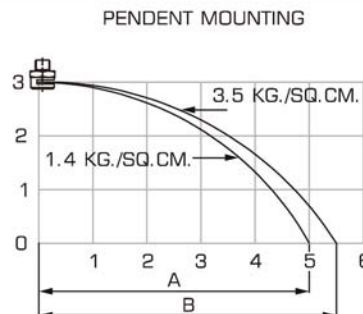
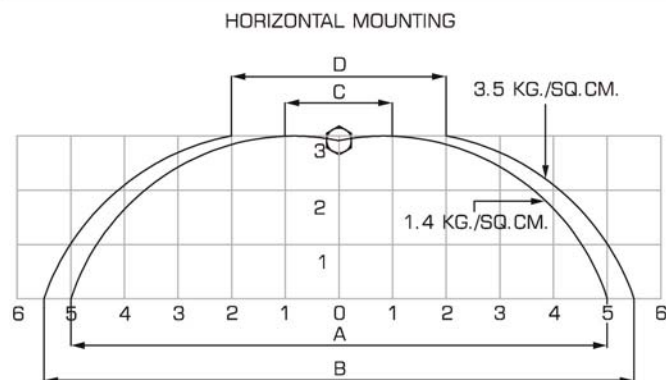
Water Curtain Nozzles are available in Brass and Stainless Steel construction with different flow rate.

DIMENSION in millimetre (Approximate)



MODEL	A	B
WC-15 & WC-15S	½" BSPT	42
WC-20 & WC-20S	¾" BSPT	46

Window / Water Curtain Nozzle Spray Pattern



DIMENSION in meters (Approximate)

	K23	K30	K37	K45	K53	K72	K98	K120	K140
A	10.0	10.0	11.0	11.0	12.2	13.8	14.0	14.4	14.6
B	11.0	11.0	12.0	12.0	13.3	14.2	14.4	15.0	15.1
C	01.8	01.8	02.2	02.2	03.3	04.4	04.2	04.4	04.5
D	02.2	02.2	02.4	02.4	03.6	04.8	05.2	05.4	05.5

The distance between two nozzles should be 2.5 meters (maximum) for better performance.

The distribution profile indicates approximate (maximum) trajectory and no specific density is implied through above patterns.

DIMENSION in meters (Approximate)

	K23	K30	K37	K45	K53	K72	K98	K120	K140
A	5.0	5.0	5.3	5.3	5.5	5.9	6.2	6.4	6.6
B	5.5	5.5	5.8	5.8	6.0	6.2	6.3	6.5	6.8