





































 Operating pressures Commercially avai Low to Intermediat 	s less than 500 PSI. lable systems are all less te pressures – 250 psi ma:	than 300 PSI. ximum.		
 Typically many complexity 	oonents are taken from	conventional" sprinł "	der and water spray techno	logy.
 Fewer components, 	extensive historical da	ita on components en	sures higher dependability.	
 Offered in the market 	et by Johnson Controls	as the brand of Aqua	Mist utilizing the products o	f Tyco.

Single Fluid (water),	low/ intermediate pressure per l	NFPA 750 (98 – 250 F	'SI)	
Available in the Fire	Protection market since 1998.			
Mist Control Center of through Tyco.	or MCC pump unit available for p	pressures up to 240 F	'SI, built by MLH and	d sold
Uses standard Tyco	valves.			
	Hospital	۲	Turbine	
	Heritage	n 🔊	Data Centre	
	Hotel	NOVED	Machinery Space	



Nozzle Type	AM27	AM29	AM30	AM24
Photo	T		Ţ	
Solution	Hotel	Hotel Heritage Hospital	Hotel Hotel Hotel Hospital Rop Cata Centre	Hotel
Orientation/ Type	Pendent	Pendent	Upright	Pendent
Finish	Natural Brass/ Chrome Plated/ White Coated	Natural Brass/ Chrome Plated/ White Coated	Natural Brass	Natural Brass/ Chrome Plated/ White Coated
K-Factor	K = 0.81 GPM/ psi ^{0.5} K = 11.7 LPM/ bar ^{0.5}	K = 0.59 GPM/ psi ^{0.5} K = 8.5 LPM/ bar ^{0.5}	K = 0.59 GPM/ psi ^{0.5} K = 8.5 LPM/ bar ^{0.5}	K = 0.64 GPM/ psi ^{0.t} K = 9.2 LPM/ bar ^{0.5}
Approvals	FM Approved	FM Approved	FM Approved	UL Certified

	zzies – Open	уре	
Nozzle Type	e AM4	AM10	AM15
Photo	ð	0	9
Solution	Cable Tunnel	Machinery Space	Machinery Space
Orientation/ Type	Pendent	Pendent	Upright
Finish	Stainless Steel	Stainless Steel	Stainless Steel
K-Factor	K = 0.24 GPM/ psi ^{0.5} K = 3.5 LPM/ bar ^{0.5}	K = 0.24GPM/ psi ^{0.5} K = 3.5 LPM/ bar ^{0.5}	K = 0.33 GPM/ psi ^{0.5} K = 4.7 LPM/ bar ^{0.5}
Approvals	FM Approved and UL Listed	UL Listed	UL Certified





















 CPVC With solvent cement-joined CPVC pipe and fittings When using CPVC piping, the minimum size piping shall be 3/4 in.

































































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Discharge Connection Working Pressure psi (bar)	Capacity gpm (lpm)	Frequency (Hz)	Pump Model	MCC Model	Motor Power hp (kw)	Pump Inlet Connection Nominal Grooved Pipe Size Inch (DN)
	57 (216)	50	160-332 HD	M00.1	25 (19)	2 (50)
	56 (212)	60	80-440 HD	MCC-1	20 (15)	2 (50)
040 (40 5)	110 (416)	50	300-372 HD	1100.0	40 (30)	3 (80)
240 (16,5)	106 (401)	60	160-338 HD	MCC-2	40 (30)	2 (50)
	166 (628)	50	300-368 HD		60 (45)	3 (80)
	165 (624)	60	330-388 HD	MCC-3	50 (37)	3 (80)
	57 (216)	50	160-332 HD	1100 1	25 (19)	2 (50)
	56 (212)	60	80-440 HD	MCC-A	20 (15)	2 (50)
170 (11,7)	110 (416)	50	300-372 HD	MCC-B	40 (30)	3 (80)
	106 (401)	60	160-338 HD		40 (30)	2 (50)
	166 (628)	50	300-368 HD		60 (45)	3 (80)
	165 (624)	60	330-388 HD	MCC-C	50 (37)	3 (80)

























AquaMist SONIC – Key Benefit Summary	ujcu
Fast Extinguishment	
Large quantity, small droplets, high velocity of water discharges quickly and fills protected space.	
 Greater water surface area which increases efficiency. Nitrogen helps to lower the oxygen level in the space. 	
Utilizes Less Water	
 1/3rd the water compared to high pressure water mist systems. 	
Lower Pressure	
 Less than 10% of the pressure requirements when compared to high pressure water mist systems. 	
More Uniform droplet distribution	
	.ul
	lahara /





