

Technical specifications			
Model	0.05P1021		
Manufacture	TARA electronic and safety systems manufacturing co.		
Product description	PAKPAYRO condense aerosol fire extinguishing generator		
Type of discharge outlet	Radial(outlet from all direction)		
Mechanical part material	Stains steel, Aluminum		
Diameter	78 mm		
Height	100 mm		
Total weight (without brackets)	800 gr		
Aerosol mass	50 gr		
Discharge time	12 sec		
Activation mode	Activation method	Electrical	
	Value of activation	1.5~36 V DC 1 A 3 -4 Sec	
	Activation device	Heating element with 1.8~2.4Ω	
	Self activation temperature	300°C	
	Activation time	Immediate	
	Activation, shelf life	Built in,15 years	
Operating temperature range	From -30°C to 55°C		
Relative humidity	Up to 95% at 55°C		
Vibration test	5~500 Hz / 3.85 gr/ms		
Mechanical shock test	136 gr /ms		
Min. clearance distance	From persons	From combustible material	From generators casing
	0 mm	0 mm	50 mm
Environmental parameters	DDP	GWP	ALT
	Zero	Zero	Negligible
Technical parameters	Electrical conductivity	Oxygen depletion after discharge	
	Non conductive	Negligible	
Max. temperature of body	< 150°C		
Tested mounting positions	side		
Max. height	2 m		
Max. coverage	4 * 2 m		
Coverage area	0.5 m <sup>3</sup>		
Corrosion test	Moist H2S air mixture	Pass	
	Moist co2/ SO2 air mixture	Pass	
	Salt spray	Pass	
	Moist NH3/air mixture	Pass	
Environmental impact test	Corrosiveness	None	
	Thermal shock	None	
	Electrostatic discharge	None	
	Condensation phenomenon	None	
Classes of fire	A,B,C,F (EN 2) / A,B,C (NFPA 10)		
Application	Recommended for the protection of large compartments ,such as storage rooms, archives, technical rooms, server rooms and more		
Listing and approval	INSO 18755 / Bureau veritas / MIL-STD-810G / ICS / IMO / CE / T UV /ISO / NFPA 2010		
Storage conditions	In closed storage rooms at 5°C to 40°C and relative humidity up to 80% without the presence of aggressive environment		
Shelf life generators	15 years		

For more info or any questions please contact : [www.pakpyro.com](http://www.pakpyro.com) or +98-21-22038225

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