

Advantages to other systems

Extinguishing agent	Nano particle fire extinguishing device	FM200	IG55/IG541	CO ₂
Toxicity	None	Low Toxicity	None	Suffocation
Extinguishing efficiency (g/m ³)	55	700	1220	670
Residual	Microscope	Microscope	None	None
Second damage	None	Low corrosion	None	None
Storage pressure (Mpa)	0	2.5、4.2、5.6	15 or 20	15 or 20
Work temperature(°C)	- 30 ~ 75	0 ~ 50	0 ~ 50	0 ~ 50
Estimated device weight (Kg) (500m ³ standard fire model)	260	1000	2300	1200
Estimated device weight (Kg) (500m ³ standard fire model)	0.3	0.5	1.9	1.7
Maintenance	Simple	Complicated	Complicated	Complicated
Build cost(Assume the build cost of FS as“1”)	1	1.5	2.5	1.5