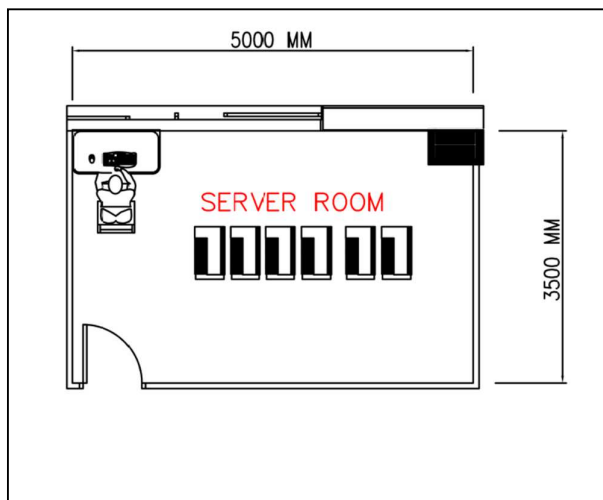


DESIGN EXAMPLE – SERVER ROOM PROTECTION, TOTAL FLOODING, MODULAR SYSTEM



Protected hazard	: Server room, Class 'C' fire
Extinguishing agent	: HFC-227ea
Design concentration	: 7%
Design temperature	: 20°c
Flooding Factor	: 0.5483Kg/Cu.M
Room Size	: Length, Width & Height : 5 x 3.5 x 3.5m
Volume	: 61.25 Cu.M
Altitude correction	: 1 (check elevation above sea level for correction factor)
Gas Quantity	: Room Volume x Flooding Factor : 61.25 m <sup>3</sup> x 0.5483 kg/m <sup>3</sup> : 33.28 » 75 lbs
Cylinder capacity	: 1 no. 100 lbs cylinder selected.