

Viking EMEA Gas Extinguishing System Estimator



One tool for all gases

- Standards with automatic selected design concentration : EN15004, ISO 14520, NFPA 2001, VdS 2380, VdS 2381, CEA 4008, CEA 4045, CO2: ISO 6183, NFPA 12, VdS 2093, CEA 4007 or entry of Individual design concentration.
- Gases covered: Novec 1230, FM200, MH227, IG-100, IG-01, IG-55, IG-541, CO2.
- System pressures available: 25 bar, 42.50 bar (Halocarbons), 200 bar, 300 bar (Inertgases), CO2 high pressure and CO2 low pressure.
- Supporting messages and warnings.



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Project datas | Hazard datas & System selection | Distributor settings

VIKING

System: VSN 1230, VSN 200 - FM200, VSN 200 - MH227

Design Standard: EN 15004

System approval: CE, VdS, CNBOP, FM, UL, FM and UL

System working pressure: 50 bar

System options: 180° nozzles preferred, With reserve cylinder bank, Add pipe pressure switch, Include manifolds, Doublerow

Coating options: Standard coating, Improved coating

No.	Room Name	Length	Width	Room H	Floor H	Ceill. H	Imp. Vol.	Temp.	Dist.	Elb.	Hazard Class	Design%	Vol. calc.	Altitude	Agent qty
1	Room1	10	10	4	0,3	0,4	0	20	5	3	Higher class A	5,6	470	0	387,89
2	Room2	10	10	4	0,3	0,4	0	20	5	3	Higher class A	5,6	470	0	387,89
3	Room3	13	10	4	0,3	0,4	0	20	5	3	Class A	5,3	611	0	475,73
4	Room4	15	5	4	0,3	0,4	0	20	5	3	Higher class A	5,6	352,5	0	290,92
5	Room5	8	5	4	0,3	0,4	1	20	5	3	Class B	5,9	187	0	163,12
6	Room6	10	10	4	0,3	0,4	1,5	20	8	5	Class A	5,3	468,5	0	364,78

room name length in m width in m room h in m raised floor h in m susp. ceiling in m imp. Vol. in m³ min. °C dist. m elb. m hazard class design conc. % altitude of installation in m

Calculated price: 53305,1

Key features

- Single zone multiple rooms are calculated simultaneously
- Results within one file, consolidated or split per room
- Multizone up to 15 rooms connected to one cylinderbank
- Detailed report per room for flooded cylinders
- Resulting design concentration, NOAEL, Oxygen concentration
- Checks the cheapest configuration for Halocarbons
- Multiple features selectable for the system design
- Compares price of single zone and multizone
- Results can be exported to Excel or pdf
- Projects can be saved and loaded for later amendments
- Projects can be exported or imported
- Multiple currencies: EUR, USD, GBP, SEK
- English or German language