

ADVANTAGES

VK 1230 fire extinguishing system

GAS EXTINGUISHING SYSTEMS

VK 1230 MULTI-ZONE SYSTEM

Multi-zone systems protect multiple enclosures

Compared to standard single zone systems the VK1230 multi-zone option provides protection for multiple enclosures using less agent and at the same time occupying a minimal space.

The total VK1230 agent supply for multiple enclosures is calculated for the largest enclosure volume. All enclosures share the a single agent supply through the use of selector valves. Control devices enable the release of less agent for varying enclosure volumes.

The connection of a reserve Novec™ 1230 supply provides uninterrupted all-round fire protection.

Example IT equipment protection

| Novec™ 1230 Design concentration* | Minimum usage quantity |
|-----------------------------------|----------------------------|
| 4.5% by volume | 65.4 kg/100 m ³ |

*NFPA 2001 Edition 2012 class A fire hazard

VK1230 using Novec™ 1230

- ▶ World-wide recognised and approved extinguishing agent
- ▶ Rapid extinguishing effect
- ▶ Clean with no residues, neither corrosive nor electrically conductive
- ▶ Safe for people
- ▶ Safe for the environment
- ▶ Sustainable: 3M™ "Blue Sky Warranty"

VK1230 unique system features

- ▶ 50bar operating pressure for longer pipe runs and multi-zone option
- ▶ Compact and space-saving design
- ▶ MX DesignManager calculation software
- ▶ Approved and listed e.g. UL, FM, VdS, GL, ABS

VK1230 system options

- ▶ Available cylinder sizes: 22, 25, 40, 50, 80, 100, 140, 180 litres
- ▶ Operating pressures available: 25, 42, 50 bar
- ▶ Single- or multi-cylinder systems
- ▶ Single- or multi-zone systems



VK 1230 Nozzles



Viking S.A.
Z.I. Haneboesch,
L-4562 Differdange / Niedercorn
Luxembourg
Tel : +352 58 37 37 - 1
Fax : +352 58 37 36
E-mail: vikinglux@vikingcorp.com
www.vikinggroupinc.com



Right reserved to make technical changes.
Detailed information can be found in the
appropriate technical data sheets.

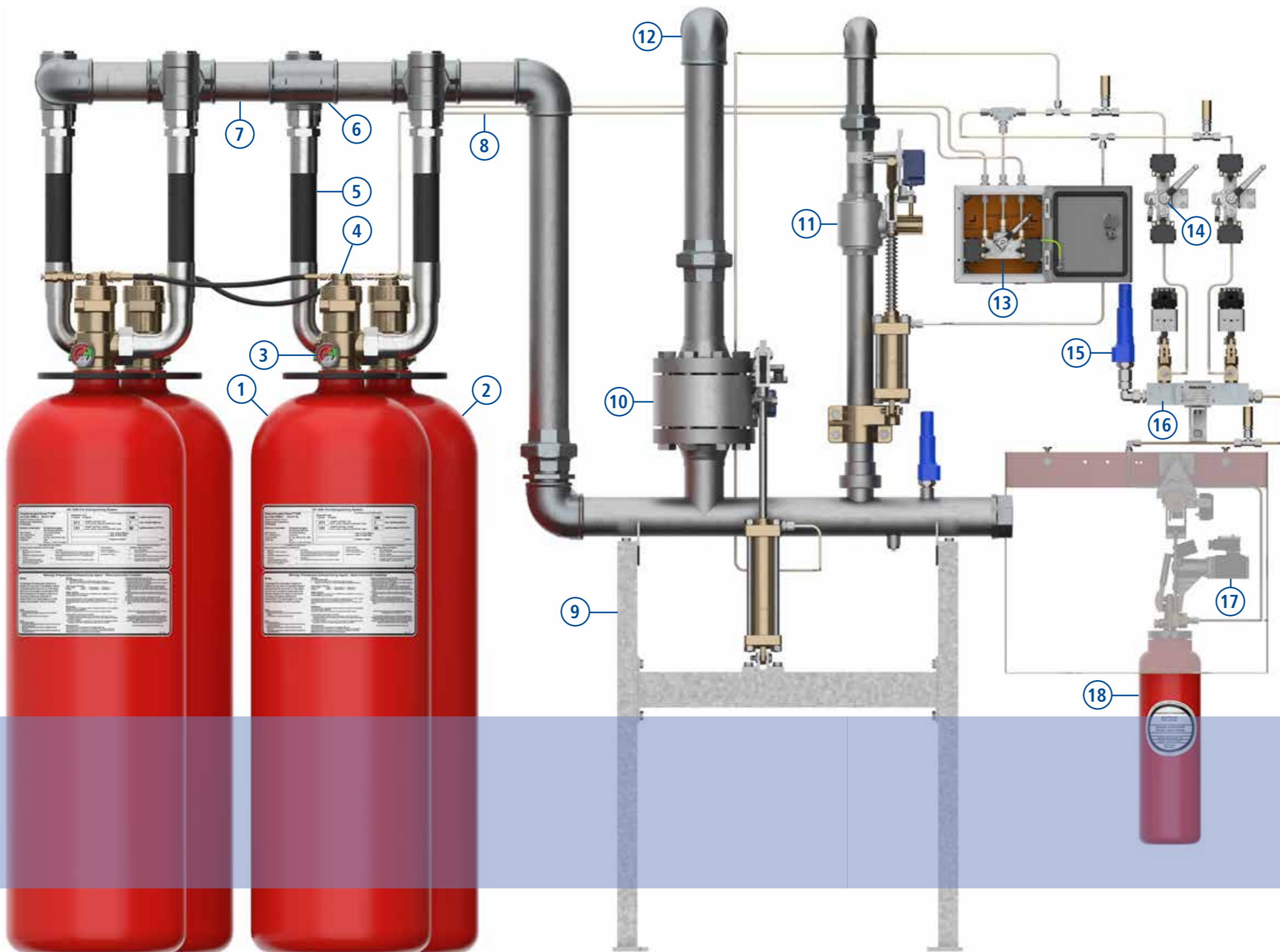
**VK1230 Multi-Zone Systems -
Minimum space, maximum protection!**

VIKING
SupplyNet®

EFFICIENT + CLEAN

fast and smooth

extinguishes without leaving any residue



Components of a VK 1230 Multi-Zone System

- | | |
|----|---|
| 1 | Main Novect™ 1230 agent container |
| 2 | Reserve Novect™ 1230 agent container |
| 3 | Cylinder pressure gauge with electrical contact |
| 4 | Cylinder valve with pneumatic release device |
| 5 | Flexible hose connection DN50 (2") |
| 6 | Check valve |
| 7 | Cylinder manifold |
| 8 | Pneumatic release pilot pipe DN4 (5/32") |
| 9 | Selector valve rack |
| 10 | Selector valve DN80 (3") |
| 11 | Selector valve DN50 (2") |
| 12 | Downstream pipe |
| 13 | Main to reserve changeover valve |
| 14 | Pneumatic release blocking device |
| 15 | Safety valve |
| 16 | Pilot valve manifold DN15 (1/2") |
| 17 | Pilot cylinder electrical trigger device |
| 18 | CO ₂ pilot cylinder |

VK1230 multi-zone systems save space and money without compromising safety