



If a product is not found in this catalogue,
AFST will source it anywhere in the world!



Advanced Fire Suppression Technologies was founded on 01 March 2000 by Barries Barnard, with the vision of employing people who wanted to work rather than being necessity driven in line with the Companies nature of being entrepreneurial and has been inspired by the prospects of a new democratic South Africa and the emerging opportunities from the BEE policy. The company began dealing solely in the fire protection line of business and secured the official principle distributorship of TYCO International safety products in Southern Africa. Initially AFST concentrated mainly on the Mining Industry and secured their first contracts with Skorpion Mining and Konkola Copper mine in Zambia and by September 2001, had reached a turnover of R13 million. Currently AFST employs 170 employees, 100 vehicles to service customers and a current annual turnover of R 280 million.

TYCO Group is the largest fire protection group in the world solving fire protection needs since 1939 which includes inter alia; ANSUL®, Grinnel, Total Walther, Macron and Wormald. With this alliance we have access to the most advanced fire fighting products in the world.

AFST boasts a customer base in excess of 350, operating across 13 branches and established distribution networks within South Africa as well as in Sub Saharan and West Africa. All our customers with maintenance contracts enjoy a 24/7 on site service offering. Our distribution network reaches clients in and around South Africa as well as far as:

- | | |
|--------------------------------|---------------|
| * Botswana | * Ivory Coast |
| * Zambia | * Senegal |
| * Zimbabwe | * Ghana |
| * Mozambique | * Malawi |
| * Tanzania | * Egypt |
| * Burkina Faso | * Kenya |
| * Mali | * Eritrea |
| * Mauritania | * Niger |
| * Guinea | * Cameroon |
| * Sierra Leone | |
| * Democratic Republic of Congo | |

AFST provides a “one stop service” for all our customers requiring fire detection, prevention and protection.

Pre-Engineered Systems

2 - 5

Fire Extinguishers

6 - 14

Hoses

6 - 14

Cabinets

15 - 18

Valves & Accessories

21 - 23

General Fire Equipment

24 - 27

Containerised Workshops

28 - 29

FireClass Products

30 - 38



M502 02.00 Rev (23/06/2015)

Index



What is a pre-engineered system?

3

A pre-engineered system use pre-designed components to eliminate the need for engineering work beyond the original product design. In the case of Vehicle Fire Suppression Systems all the main components are pre-engineered; such as the agents tanks, actuators, detection and distribution components. All these components are built into a system that is tested against specific standards to operate within specific parameters and then approved accordingly by an approved testing authority. The pre-engineered components are then supplied to approved and trained authorities to install such components onto equipment as a complete system.

ANSUL Vehicle Fire Suppression Systems

Excavators, tunnel boring machines, harvesters, transit buses and other heavy machines work around the clock, often in rugged, hazardous environments. Highly flammable fuels, oils and hydraulic fluids flow through pressurized lines within inches of super-heated engine blocks, manifolds and turbochargers. With ANSUL A101, LVS, LTA and the Twin Agent Fire Suppression System, however, protection is assured, 24-hours-a-day, 365 days-per-year.



ANSUL LTA FIRE SUPPRESSION SYSTEM

- > For the use in extreme temperatures
- > Manual/Automatic Actuation
- > FM Approved
- > 10lb, 20lb, 30lb, 50lb, 125lb and 250lb systems size options



ANSUL LVS FIRE SUPPRESSION SYSTEM

- > Cools surrounding areas, preventing reflash
- > Manual/Automatic Actuation
- > FM Approved
- > 11.34lt, 18.9lt, 56.70lt, 113.40lt system size options



ANSUL TWIN AGENT FIRE SUPPRESSION SYSTEM

- > LVS and DCP combined
- > Manual/Automatic Actuation
- > FM Approved

Vehicle Fire Suppression Systems



ASEX FIRE SUPPRESSION SYSTEM

- > Locally designed and manufactured
- > SABS Approved
- > Manual/Automatic Actuation
- > Only uses Dry Chemical Extinguishing agent
- > 6kg, 11kg and 22.5kg tanks sizes available



WORMALD FIRE SUPPRESSION SYSTEM

- > FM Approved
- > Manual/Automatic Actuation
- > 25lt, 45lt, 65lt and 106lt tank sizes available



ADVANCED FOAM SUPPRESSION SYSTEM

- > Locally designed and manufactured
- > SABS Approved
- > Manual/Automatic Actuation
- > Only uses foam Extinguishing agent
- > 25lt, 35lt, 45lt and 65lt tank sizes available



ADVANCED FOAM STORED PRESSURE SUPPRESSION SYSTEM

- > Locally designed and manufactured
- > SABS Approved
- > Manual/Automatic Actuation
- > Only uses foam Extinguishing agent
- > 25lt, 35lt, 45lt and 65lt tank sizes available

Kitchen Fire Suppression Systems

5

In today's commercial kitchens, higher temperature cooking oils and high-efficiency, slow cooling appliances such as deep fat fryers have combined to make fire suppression more challenging than in years past. The heart of an ANSUL Restaurant System is its ability to quickly detect and suppress fires. Ansul R-102 and Piranha systems use advanced extinguishing agents to ensure rapid flame knockdown and vapour securement. Cooling these high efficiency appliances after initial flame knockdown is critical to eliminate reflash and minimising restaurant downtime.



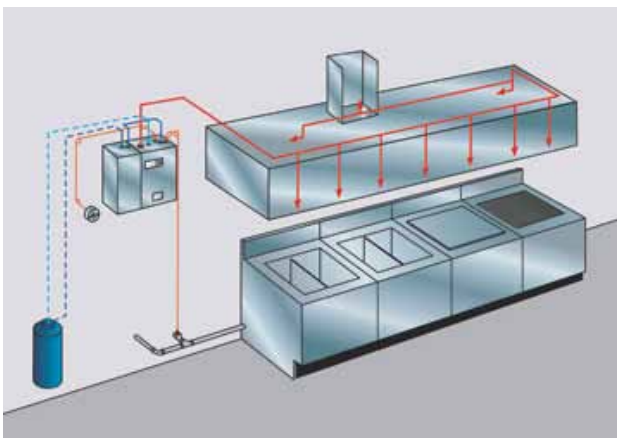
ANSUL R102 FIRE SUPPRESSION SYSTEM

- > UL, ULC, MEA, ABS and CE approved
- > Uses Ansul Liquid Fire Suppressant
- > Ansul has a neutral pH, friendly to cooking equipment



PIRANHA FIRE SUPPRESSION SYSTEM

- > Uses PRX plus water fire suppression
- > UL, ULC, ASSE and IAPMO approved
- > PRX Liquid Fire Suppressant quickly knock-downs the flames, water flow quickly cools the cooking media preventing reflash
- > Available in various sizes



For peace of mind,
ensure that your kitchen
system is UL300 approved



M502 02.00 Rev (23/06/2015)

Pre-Engineered Systems



KNOW YOUR EXTINGUISHERS

7



Class A



Class B



Class C



Class D



Class K

Types of Fires

Class A - ORDINARY COMBUSTIBLES: wood, paper, rubber, fabrics and many plastics

Class B - FLAMMABLE LIQUIDS : petrol, diesel, oils, paint, lacquer and tar etc.

Class C - FIRE INVOLVING LIVE ELECTRICAL EQUIPMENT

Class D - COMBUSTIBLE METALS or COMBUSTIBLE METAL ALLOYS

Class K - FIRE IN COOKING APPLIANCES - vegetable or animal oils and fats



To operate an extinguisher: (Check your own extinguisher's label for detailed instructions.)



All extinguishers are furnished with detailed "Instructions Label" containing valuable information.

The label contains information on installation, use and maintenance of the extinguisher. The extinguisher label also contains specific information on "HOW TO USE" the particular extinguisher.

The label instructions vary according to type and size. All operators should be totally familiar with the instructions on any extinguisher before use.

Fire Extinguishers

Imported Fire Extinguishers - Ansul



SENTRY DRY CHEMICAL EXTINGUISHERS

- > General purpose extinguisher
- > For class A, B and C fires

Stock Codes:

- 435082, DCP, A10G
- 435109, DCP, A20G
- 435151, DCP, A30G



SENTRY CARBON DIOXIDE EXTINGUISHERS

- > For class B and C fires
- > Powdered-coated steel and Aluminium shells available

Stock Codes:

- 431553, CO2, CD05A-UL Aluminium
- 431554, CO2, CD010A-UL Aluminium
- 431555, CO2, CD15A-UL Aluminium
- 431556, CO2, CD20A-UL Aluminium



SENTRY CLEANGUARD DIOXIDE EXTINGUISHERS

- > For class A, B and C fires
- > Environment friendly extinguishing agent
- > Leaves no residue and requires no cleanup after discharge

Stock Codes:

- 429107, FE36, FEO2UB
- 429020, FE36, FE05
- 429021, FE36, FE09
- 429022, FE36, FE136



SENTRY WATER EXTINGUISHERS

- > For Class A fires
- > Stainless Steel shell

Stock Codes:

- 430847, Water, W02-1



SENTRY KITCHEN EXTINGUISHERS

- > For “K” class fires - from hot grease, cooking oils and fat fires
- > Uses K-Guard - a low pH liquid fire suppressant

Stock Codes:

- 434909, K01-3, [includes 6L PRX]



SPECIAL APPLICATION EXTINGUISHERS

- > MET-L-X-SODIUM CHLORIDE (for class D fires)
- > MET-L-X-DRY CHEMICAL
- > LITH-X GRAPHITE BASE (for melt metal fires)

Stock Codes:

- 418291, MET-L-X-SODIUM
- 418290, LITH-X GRAPHITE



RED LINE MOBILE EXTINGUISHERS

- > External Cartridge Operated Extinguishers for easy removal and recharge
- > Choice of the following agents:
 - DCP Foray, Purple-K, Plus Fifty C, LITH-X, MET-L-X / MET-L-KYL

Stock Codes:

- 435065, DCP, A-5, I-A-5
- 435082, DCP, A10G, I-A10G
- 435101, DCP, A10G, Nitrogen Cartridge
- 435109, DCP, A20G, I-A-20G



RED LINE MOBILE EXTINGUISHERS

- > High Capacity Tanks
- > Choice of the following agents:
 - DCP Foray
 - CO2
 - Purple-K
 - Plus Fifty C
 - LITH-X
 - MET-L-X
 - MET-L-KYL
- > Wheels for better mobility

Imported Fire Extinguishers - Amerex



AMEREX CARBON DIOXIDE EXTINGUISHER

- > For Class B fires
- > Following models are available

Model 330
Model 331
Model 332



AMEREX WATER & FOAM EXTINGUISHER

- > For Class A and B fires



AMEREX ABC DRY CHEMICAL EXTINGUISHER

- > For Class A, B and C fires
- > The following models are available;

Model B417/T
Model B424
Model B441
Model 423



AMEREX CLASS D EXTINGUISHER

- > For fighting Lithium and Lithium alloy fires

All imported extinguishers are:

- > *USCG Approved*
- > *FM Approved*
- > *USA Manufactured*



Imported Fire Extinguishers - Amerex

11



AMEREX PURPLE K CHEMICAL EXTINGUISHER

- > For Class A, B and C fires
- > The following models are available;

Model B460

Model 415



AMEREX HIGH PERFORMANCE EXTINGUISHER

- > Various high performance units available



AMEREX DRY CHEMICAL STORED PRESSURE WHEELED EXTINGUISHERS

- > 22kg, 56kg and 68kg Units available



AMEREX DRY CHEMICAL EXTERNAL NITROGEN CYLINDER OPERATED WHEELED EXTINGUISHERS

- > 56kg, 68kg, 136kg and 159kg Units available

Fire Extinguishers

**AMEREX CLASS D EXTERNAL NITROGEN CYLINDER OPERATED WHEELED EXTINGUISHERS**

- > Model 680 - Sodium Chloride - 68kg
- > Model 681 - Copper - 113kg

**AMEREX FOAM WHEELED EXTINGUISHERS**

- > 124lt Units available

**AMEREX CARBON DIOXIDE WHEELED EXTINGUISHERS**

- > Model 333 - 22kg unit
- > Model 334 - 45kg unit

**AMEREX HIGH PERFORMANCE DRY CHEMICAL WHEELED EXTINGUISHERS**

- > Available in 56kg and 113kg
- > High Performance Unit



All local extinguishers are:

- > *Manufactured in China*
- > *SABS Approved*



LOCAL FOAM & WATER EXTINGUISHER

- > For Class A and B fires
- > the following models are available;

9L Foam - FOAMCOMCF9
9L Water - WATCOMCF9
6L Wet Chemical - FRYCOMF6



LOCAL CARBON DIOXIDE EXTINGUISHER

- > For Class B fires
- > The following models are available;

CO2STESQ002 - 2kg CO2
CO2STESQ005 - 5kg CO2
CO2STECC002 - 2kg CO2
CO2STECC005 - 5kg CO2
CO2ALUF002 - 2kg CO2 Aluminium
CO2ALUF005 - 5kg CO2 Aluminium



LOCAL DRY CHEMICAL EXTINGUISHER

- > For Class B and C fires
- > The following models are available;

DCPCOMSF1.5 - 1.5kg
DCPCOMSF2.5 - 2.5kg
DCPCOMSF4.5 - 4.5kg
DCPCOMSF9 - 9kg
DCPCOMBFD4.5 - 4.5kg 90%
DCPCOMBFD9 - 9kg 90%
DCPCOMBSF4.5 - 4.5kg 40%



LOCAL MOBILE WHEELED UNITS

- > High Capacity Units
- > Choice of the following agents and models;

TRODCPCOM005SQ - DCP 25kg
TRODCPCOM015SQ - DCP 50kg
TROFOAMCOM005 - Foam 50kg,
TROCO2COM002 - 2 x 10kg Complete
REC018 - 45kg
TROCO2COM001 - 10kg CO2

14 Fire Extinguisher Brackets



HEAVY DUTY BRACKETS WITH RUBBER BONNET CATCH

> Choice of the following sizes and models;

EDM002 - 2.5kg Heavy Duty Countersink Bolt type Catch
 EDM003 - 4.5kg Heavy Duty Countersink Bolt type Catch
 EDM001 - 9.0kg Heavy Duty Countersink Bolt type Catch
 4.5kg Heavy Duty with Rubber Bonnet Catch
 9.0kg Heavy Duty with Rubber Bonnet Catch
 Heavy Duty DJ Bracket



SPLIT PIN



STEEL SPRING CATCH FOR HEAVY DUTY TRANSPORT BRACKET

Stock Codes:

- SPEEDESTO22





HOSE REEL COMPLETE WITH IMPORT HOSE

- > SABS Approved
- > 30m hose
- > Swing Hose Reel Available

Stock Codes:

- HSRCOMP001 - Hose reel c/w EN694 hose
- HSRCOMP034 - Hose reel c/w SABS Hose



HOSE REEL COVERS

- > UV Resistant and Non UV Resistant available

Stock Codes:

- HSRACC038 - Hose reel cover
- HSRACC038A - Hose reel cover - UV Resistant



HOSE REEL STOCK COCK (CP VALVE)

- > Hand Wheel and Valve to open and close Hose reels

Stock Codes:

- HSRACC004 - CP Valve



NOZZLES

- > Plastic and Aluminium Nozzles Available

Stock Codes:

- HSRACC001 - Plastic Hose Reel Nozzle
- HSRACC002 - Aluminium Hose Reel Nozzle



20mm PVC WHITE LINING HOSE (30m Lengths)

Stock Codes:

- HSRHOS005 - Local W/Stripe Hose 20mm x 30m
- HSRHOS010 - Local SABS Red Hose 20mm x 30m



HOSE REEL G8 CLAMP

Stock Codes:

- HSRACC007



LAYFLAT HOSES

- > 10 bar single and double lined available
- > Various sizes available
- > Various colours available
- > All hoses complete with couplings

Stock Codes:

- LAYHOSPVCCOM003 - 40mm 10bar Double Lined
- LAYHOSPVCCOM001 - 40mm 10bar Single Lined
- LAYHOSPVCCOM010 - 65mm 10bar Single Lined
- LAYHOSPVCCOM011 - 65mm 10bar Double Lined



FIRECHECK HOSES

- > Non-percolating with a robust all synthetic jacket
- > Various sizes available
- > Various colours available
- > All hoses complete with couplings

Stock Codes:

- LAYHOSFIRCOM001 - 38mm x 30m Firecheck Hose
- LAYHOSFIRCOM002 - 44mm x 30m Firecheck Hose
- LAYHOSFIRCOM004 - 65mm x 30m Firecheck Hose
- LAYHOSFIRCOM005 - 65mm x 30m Firecheck Blue Hose
- LAYHOSFIRCOM008 - 38mm x 30m Firecheck Blue Hose



DURAFLEX HOSES

- > Resistant against abrasion, oils, fuels and other chemicals
- > Various sizes available
- > Various colours available
- > All hoses complete with couplings

Stock Codes:

- LAYHOSDURCOM001 - 38mm x 30m Duraflex Hose
- LAYHOSDURCOM002 - 44mm x 30m Duraflex Hose
- LAYHOSDURCOM003 - 50mm x 30m Duraflex Hose
- LAYHOSDURCOM004 - 65mm x 30m Duraflex Hose





CABINETS - PLASTIC

- > UV Resistant
- > Various sizes available;
- > 9.0kg DCP Extinguisher
- > 5.0kg C02 Extinguisher

Stock Codes:

- FIRECABFCFGP4.5 - 4.5kg UV Resistant Cabinet
- FIRECABFCFGP9 - 9kg UV Resistant Cabinet



CABINETS - FIBREGLASS

- > Various sizes available;

Stock Codes:

- FIRECABFG001- 4.5kg Cabinet
- FIRECABFG003 - 9kg Cabinet



CABINETS - STEEL

- > Various sizes available

Stock Codes:

- FIRECABS002 - 4.5KG Single Extinguisher Cabinet
- FIRECABS003 - 9.0kg Single Extiguisher Cabinet
- 9.0kg Double Extinguisher Cabinet
- FIRECABS001 - Wall mounted Hose Cabinet



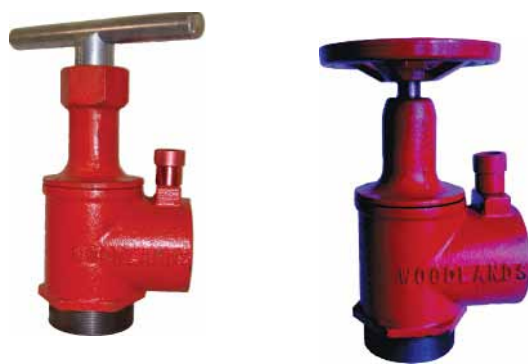


80mm Hydrant Valves

> Helps to regulate, direct or control the fire suppression agents by opening, closing or partially obstructing passageways in the hose connector.

Stock Codes:

- HYDVAL003 - Brass Hydrant Valve
- HYDVAL004 - Tamper proof Brass Hydrant + Key
- HYDVAL006 - Tamper proof Cast Iron Hydrant + Key
- Upward Oblique Brass Hydrant Valve
- Cast Iron Hydrant Valve



WOODLANDS HANDWHEEL AND TAMPER PROOF HYDRANT VALVE (80mm)

> Tamper proof key sold separately



BOOSTER CONNECTION

HYDRANT BRANCH PIPES

> Various types and sizes available;

Stock Codes:

- LAYNOZ006 - C1 Jet/Spray - 16mm
- LAYNOZ004 - No 1 (Red) 65mm INST / 9mm out
- LAYNOZ001 - Aluminium - Straight Through 16mm-
- LAYNOZ002 - Aluminium - Straight Through 19mm
- 1" Mini Branch Pipe
- C1 Jet/Spray/Curtain - 9mm
- C1 Jet/Spray/Curtain - 16mm



COUPLINGS





















> Various sizes available;

Stock Codes:

- CLUPINST001 - 65mm x 65mm
- CLOPINST002 - 65mm x 50mm
- CLUPINST003 - 65mm x 44mm
- CLUPINST004 - 65mm x 38mm
- CLUPINST006 - 38mm x 38mm
- CLUPINSTG/M001 - 65mm x 65mm
- CLUPINSTG/M004 - 65mm x 38mm





	MEANING	SHAPE & COLOUR	SYMBOLS
PROHIBITION	You must not do. DO NOT DO. Stop.	 RED means STOP	 No admittance  No smoking  No dirty clothes
MANDATORY	You must do. Carry out the action given by the sign.	 BLUE means OBEY	 Keep clear  Head protection must be worn  Wear gloves
WARNING	Caution. Risk of danger. Hazard ahead.	 YELLOW means risk of DANGER	 Danger high voltage  Danger mind your head  Danger fork lifts in operation
SAFE CONDITION	The safe way. Where to go in an emergency	 GREEN means GO	 First aid station  Emergency phone  Emergency exit
FIRE FIGHTING SIGNS	Indicating the location of fire equipment	 INFO where & what	 Location of firefighting equipment  Fire Extinguisher  Fire Hose

Signs

> All information and fire signs available on request



Fire Blankets

- > Compact, easy to install
- > Excellent insulation properties
- > Various sizes available

Stock Codes:

- FIREBLK001 - 0.9m x 0.9m
- FIREBLK003 - 1.2m x 1.2m
- FIREBLK004 - 1.2m x 1.8m
- FIREBLK005 - 1.8m x 1.8m



Plastic Fire Bucket with Lid

Stock Codes:

- FIRBUC002



Fire Axes

Stock Codes:

- FIRAXE001 - 6LBS

- FIREAXE002 - Small Axe



Key Boxes

> For the safe storage of exit keys in the case of emergencies

Stock Codes:

- KEYBOX001A

- KEYBOX005 - Plastic Key Box



Backing Boards

> Used for Fire Extinguisher wall mounting

Stock Codes:

- BACBOA001 - 450mm

- BACBOA002 - 600mm

- BACBOA003 - 800mm

- BACBOA007 - 450mm Pine

- BACBOA008 - 600mm Pine

- BACBOA009 - 800mm Pine



Supersound Alarm Station - Complete

Stock Codes:

- SUPER003



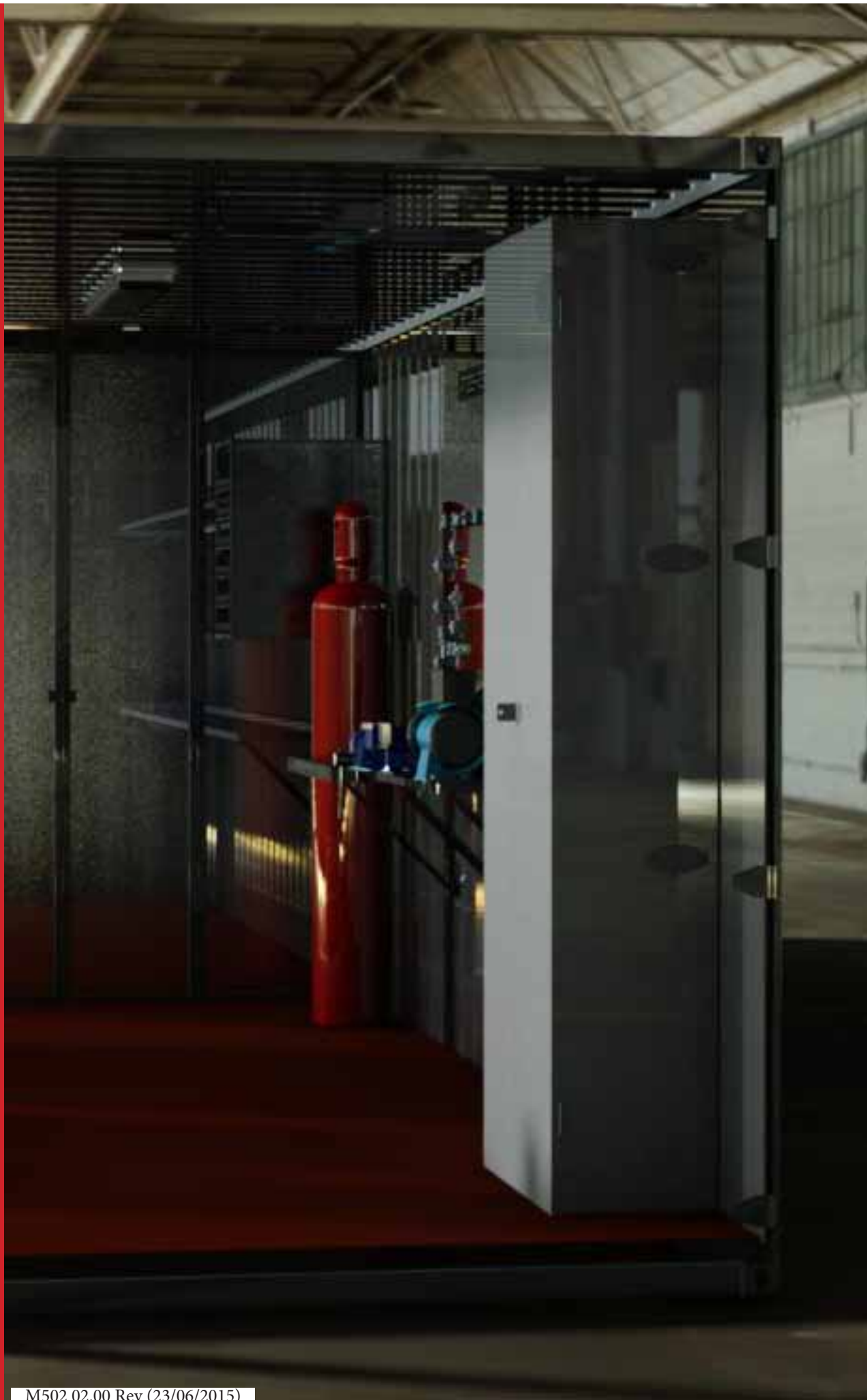
Supersound Loud & Clear (Horn & Cannister)

> Horn & Cannister sold separately

Stock Codes:

- SUPER001

- SUPER001 - box only



Containerised Workshops

29

Advanced Fire Suppression Technologies now offers the option of a customised containerised workshop as an added product to our clients. The containerised workshops are available in 20ft or 40ft size options. Containers can be requested to be SABS 1475 approved if extinguisher servicing is needed. All containerised workshops are painted and marked with the designed logo and contact details. These containerised workshops are ideal for fire equipment and hydraulic workshops.

The containerised workshops can be fully equipped with the following;

- Cartridge recharge bank
- Bench Grinder
- Bench Vice
- Hose Crimper – Electrical or Manual
- Servicing compressor
- Complete toolbox
- Steel cupboards and shelves for loose equipment
- DB Box with power points and lights
- 220V Generator
- Added equipment as requested
- Hydraulic hose cut-off machine
- Air conditioning
- Windows, doors and service hatches

* Layout of workshops can be customised as per customer's requirements

* Containers can be converted into offices with electrical certification

* Pricing on request and specification



M502 02.00 Rev (23/06/2015)

Containerised Workshops



What is FireClass?

FireClass is a revolutionary new class of commercial fire detection products. FireClass consists of a full range of fully approved quality products designed and manufactured in Europe. FireClass is designed to appeal to both the end user and installer with the latest fire detection technology packaged in an easy to install, out of the box, digital open-protocol solution. A new class of fire detection designed to meet all of your needs from a single supplier.



Conventional Range

The FireClass Conventional range offers the user a choice of control panel widely known and used throughout the world, ranging from the basic Duo-CEL 2 zone panel up to the versatile and adaptable Precept EN 32/zone panel. The conventional control panel range is also complemented by the FireClass Prescient III Extinguishing Panel designed to provide ease of installation by allowing most industry conventional detectors to be connected to each zone.

In order to ensure peace of mind for both the installer and end user, FireClass products are third party approved and certified to the relevant European Standards. FireClass approvals go beyond the minimum requirements including EN54 and CPD approval of the FireClass approvals go beyond the minimum requirements.

The FireClass range of conventional detectors can be used in all fire risk situations, from slow smouldering fires using CO technology to the fast flaming fires using the unique High Performance Optical detector, which emulates the characteristics of the ionisation detector, without the need for radioactive components.

High Performance Optical Multisensor is a general purpose detector that can be used as an ionisation detector replacement.

Carbon Monoxide/Heat Multisensor provides a high level of protection in environments where traditional smoke detectors are unsuitable.

Point Infrared Flame detector provides a low cost solution and early detection of liquid fuel fires.

All FireClass conventional panels offer a user friendly, out-of-the-box feel. Both the Duo-Cel conventional and two wire offer a plastic enclosure comprising of a single cassette style motherboard, allowing for complete removal during installation.

The Precept EN and Prescient III are supplied in a robust metal housing, but still offer a chassis style design so the motherboard and power supply can be removed to allow for installation.

M502 02.00 Rev (23/06/2015)

32 Conventional Range Product Overview



Duo-Cel

- Low cost EN54 and CPD approved introductory panel
- Available in 2, 4 and 8 zone versions
- Key activated controls eliminating the need to remember codes
- Optional repeater available
- Versatile easy to install enclosure

Stock Codes:

- 508.031.702 - FireClass Duo-Cel 2 Zone Panel
- 508.031.703 - FireClass Duo-Cel 4 Zone Panel
- 508.031.704 - FireClass Duo-Cel 8 Zone Panel



Precept EN

- Fully featured range of engineered conventional panels
- Available in 2, 4, 8, 16 and 32 zones
- Up to 5 repeaters per panel connected on a two wire bus
- Precept offers extensive expansion capabilities from relay modules to alarm circuit expansion
- EN54-13 approved version available

Stock Codes:

- 508.032.701 FireClass Precept EN 2 Zone Panel
- 508.032.702 FireClass Precept EN 4 Zone Panel
- 508.032.703 FireClass Precept EN 8 Zone Panel
- 508.032.704 FireClass Precept EN 16 Zone Panel
- 508.032.706 FireClass Precept EN 32 Zone Panel



Prescient III

- EN54 approval for detection capability
- EN12094-1 approval for gas releasing capability
- Wide range of control panel status indicator units available in standard and weatherproof enclosures

Stock Codes:

- 508.033.751 FireClass Prescient III Gas Panel
- 508.033.752 FireClass Prescient III SLU 1
- 508.033.753 FireClass Prescient III SLU 2
- 508.033.754 FireClass Prescient III SLU 3
- 508.033.755 FireClass Prescient III SLU 4



FireClass 600 Series Detection

- Comprehensive low cost range of conventional detectors with advance technology
- Combined optical/heat detector ideal for ionisation replacement
- Advanced carbon monoxide detector
- Solar blind infrared flame detector

Stock Codes:

- 516.600.001 FireClass 601P Conventional Optical DET
- 516.600.002 FireClass 601PH Conventional HPO DET
- 516.600.003 FireClass 601H-R Heat Det R012
- 516.600.004 FireClass 601CHCO Fire Det
- 516.600.214 FireClass 601F Conventional Flame Det
- 516.600.214 FireClass 611H-F Heat Det FT 60degrees

Detector Bases and Accessories

- Detector bases and accessories
- Range of standard bases, sounder bases and sounder/beacon bases complemented by the time saver ceiling adaptor allowing fast and easy installation



Stock Codes:

- 517.050.041 4B Detector Base
- 517.050.045 4B-D Conventional Diode Base
- 517.050.051 4B-DHM Deckhead Mount
- 517.050.052 4B-EM Euro Mount
- 508.031.751 MUB-RVUniversal S'Base Relay
- 517.050.056 CTA-BB CTA Back Box
- 517.050.057 CTA-BC CTA Bezel & Clamp
- 517.050.058 CTA-AP CTA Adaptor Plate
- 517.050.060 Kit CTA
- 517.050.614 Protective Cage
- 517.050.011 Protective Cage for High Base
- 517.050.612 Base Assembly for terminal Kit (x10)

Call Points

- The most recognisable indoor and outdoor callpoint
- Available for both standard and 2 wire installations
- Supplied with or without back box for easy installation



Stock Codes:

- 515.001.119 Spare Glasses for manual Call Point
- 515.001.128 Manual Call Point Plastic hinged cover
- 515.001.045 Spare Manual Call Point Keys
- 515.001.127 Deformable FC400MCP Element
- 515.001.021 Standard Back Box for manual Call Point
- 514.001.171 MCP200CS Conventional Manual Call Point

34 Conventional Range Product Overview



Sounders and beacons

- Comprehensive range of sounders and beacons
- Wide selection of sounds to match new and existing applications
- Visual alarms available in the sounder/beacon range

Stock Codes:

- 577.001.035 601SB Conventional Sounder Base
- 577.001.037 601SBD Conventional Diode Sounder Base
- 577.011.040 Sounder Base White Cap (x5)
- 568.001.018 MC600 Relay Base



Door Release

- Both 24Vdc and 230Vac low cost units available
- Finishes available in plastic, chrome or brass
- Essential piece of fire protection and equipment for most installers

Stock Codes:

- 2501033 - 24Vdc White Plastic door Holder
- 2501034 - 230Vdc White Plastic Door Holder



Remote Indicator

- Commonly used when line of sight is not available to the detector
- Discreet devices used to reduce the fire search time

Stock Codes:

- 2500226 - Square remote Indicator
- 2500227 - Round Remote Indicator
- 540.003.006 - 601 RIL

The FireClass Addressable range of panels offer the customer a very easy to install and configure “out of the box” triple circuit loop stand alone panel with 128 addresses and a range from a 1 loop panel up to a 4 loop panel with up to 250 addresses per loop, from 32 to 240 zones per panel and up to 7 fully functional repeaters per panel with 24 panels networked together. FireClass also offers a full range of low false alarm multi sensor detectors and an extensive array of field devices.

In order to ensure peace of mind for both the installer and end user, FireClass products are third party approved and certified to relevant European standards. FireClass approvals go beyond the minimum requirements including EN54 approval of the FireClass network, EN54 detector approval in all detection modes.

FireClass provides an open protocol solution widely available throughout the market via trade and distribution specialists ensuring freedom of choice for installers and end users. Easy to use programming software is available to installers and end users, with the majority of service functions available through the panel user controls. Device configuration and text changes now also available through the panel user controls.

Developed originally for the harsh marine environment, FireClass is a robust digital protocol that has been proven to withstand poor, damp and damaged cables for over 20 years. The resilient digital protocol works on most existing cables and allows for flexible installations when T's are required. The loop can be made from spurs for a simple upgrade of conventional systems and allows up to 250 addresses per loop with 500mA for broad applications.

The range includes a high quality Optical smoke detector together with various multi sensor devices. The ultimate in false alarm resilience is provided by the triple sensing detector, combining optical, heat and carbon monoxide sensing technologies. Day/Night detection modes also allow for false alarm reduction when the building is occupied.

Introducing a
new class of
fire detection





FireClass 501

- Low cost entry level digital panel
- Auto learn and auto addressing with Intelli-Zone feature
- Full out of the box functionality
- Versatile easy to install addressable alternative to conventional

Stock Codes:

- 557.200.718 - FC501-H Triple Circuit Single loop Panel English - 2,5A PSU
- 557.200.719 - FC501-L Triple Circuit single loop panel icons 1,5A PSU
- 557.200.720 - FC501-HL Triple Circuit Single Loop panel icons - 2,5A PSU

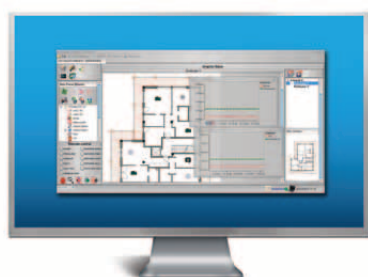


FireClass 32, 64 and 240

- Digital addressable panels offering 32,64 and 240 zones
- up to 1000 device per panel
- Dedicated EN54 approved network
- Up to 24000 devices per network

Stock Codes:

- 557.200.701 FireClass FC32-1 Panel
- 557.200.702 FireClass FC64-2 Panel
- 557.200.703 FireClass FC64-4 Panel
- 557.200.704 FireClass FC240-2 Panel
- 557.200.705 FireClass FC240-4 Panel



FireClass Graphics

- Graphical emergency management system
- True client/server system, allowing several workstations to operate over TCP/IP network from a single database

FireClass FC460 Detection



- Provides the best in class environmental and detection performance with the capability of detecting all fire types
- Range includes an Optical/Heat Multisensor and Optical/Heat/Co triple multi sensor
- Automatic self testing of each sensor element
- 360 Degree alarm, fault and isolated LED on each detector
- Six EN54 approved modes for the optical/Heat multi sensor
- Optical/heat multi sensor can use different modes in day/night settings
- All optical modes have three EN54 approved sensitivities
- Lower lifetime cost offering an extended service life

Stock Codes:

- 516.460.502 FC460P Photo Detector
- 516.460.503 FC460H Heat Detector
- 516.460.501 FC460PH Photo Heat Detector
- 516.460.504 FC460PC Triple Sensor
- 516.800.701 FC460CH Heat Co Detector

Detector Bases and Accessories



- Range of standard bases. isolator bases, sounder bases and sounder/beacon bases
- Addressable functional bases can be programmed via a download to adjust volume, tone selection and flash rate complimented by the time saver ceiling adaptor allowing fast and easy installation

Stock Codes:

- 517.050.041 4B Detector Base
- 517.050.043 4B-1 Isolator Base
- 517.050.051 4B-DMM Dechhead Mount
- 517.050.052 4B-EM Euro Mount

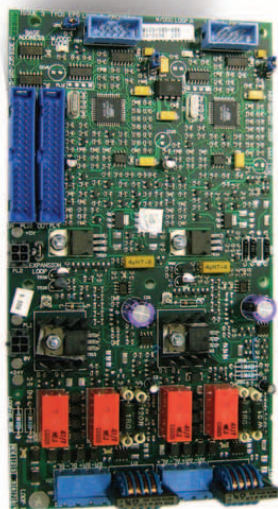
Call Points



- The most recognisable indoor and outdoor callpoint
- Supplied with or without back box for easy installation
- Number of accessories available

Stock Codes:

- 514.800.803 - FC200CP Indoor Call Point
- 514.800.804 - FC421CP Outdoor Call Point
- 515.001.119 Spare Glasses for manual Call Point
- 515.001.128 Manual Call Point Plastic Hinged Cover
- 515.001.045 Spare Manual Call Point Keys
- 515.001.127 Deformable FC400 MCP Element



Addressable Modules

- Wide range of input, output and multifunction modules to suit all applications
- Universal detector module to connect two conventional circuits with detector removal monitoring and call point discrimination
- Self powered high voltage reley that can switch mains voltage directly from a module of the FireClass loop.
- A choice of quad input/output modules designed for a variety of interfacing applications

Stock Codes:

- 577.800.706 - FC410DDM Fire & Gas DET Module
- 545.800.704 - FC410LI Linear Isolator Module
- 555.800.067 - BTM800 Module c/w enclosure
- 555.800.701 - FC410MIM Mini Input Module
- 555.800.702 - FC410CIM Contact I/P Module
- 555.800.712 - FC410DIM Detector I/P Module
- 555.800.763 - FC410SIO Single I/O Module
- 555.800.765 - FC410MIO Multi I/O Module
- 555.800.766 - FC410BDM Beam Detector Module
- 555.800.773 - FC410QRM Quad relay Module
- 555.800.771 - FC410QIO Quad I/O Module
- 555.800.770 - FC410QMO Quad Monitored O/P
- 555.800.769 - FC410TSM Door control Module
- 568.800.004 - HVR800 High Voltage Relay
- 568.800.703 - FC410 RIM Relay I/F Module
- 577.001.023 - SBS20 Soudner Booster Module
- 577.800.705 - FC410SNM Sounder Output Module



Sounders and Beacons

- Comprehensive range of sounders and beacons
- Wide selection of sounds to match new and existing applications
- Sounder and beacon elements operated separately most evacuation strategies
- Volume, tone and flash rate can be configured by software individually or globally

Stock Codes:

- 516.800.760 - FC410 PSYR Sounder (Red)
- 516.800.761 - FC410PSYW Sounder (White)
- 516.800.762 - FC410LPSY Sounder (Red) IP65
- 516.800.763 - FC410PAVR Soundr/Beacon (Red)
- 516.800.766 - FC410LDAV Sounder/Beacon (Red) IP65
- 516.800.970 - FC410LPBS-R OC Beacon Sdr Red
- 516.800.971 - FC410LPBS-W OC Beacon Sdr White
- 516.800.972 - FC410LPBS O/C Beacons Sdr IP65

Advanced Fire Suppression Technologies is not limited to products in this catalogue.

Our substantial supplier network around the globe empowers us to be able to source just about any fire fighting product available on earth. We guarantee with sufficient time, that we try our best to find for our clients what they want or at least a suitable alternative.

Customer Satisfaction:

Customer satisfaction is our primary goal. If you are not satisfied with our product and service, please call as soon as possible and we will do our very best that you are satisfied.

Disclaimer of Warranties:

Advanced FST makes no warranty or representation of any kind, either express or implied, as to the Goods, and in particular disclaims all warranties: (A) as to the design, quality or condition of the Goods; (B) as to the material, equipment or workmanship in the Goods; (C) as to the merchantability or fitness of the Goods for any particular purpose; (D) as to the suitability of the Goods for the Buyer's purposes or the impact of the Goods on the Buyer's operations; or (E) with respect to any patent, copyright, trademark, trade name, service mark or proprietary law or right. Advanced FST makes no warranty or representation regarding the performance that the Buyer or any other person or entity may obtain from the Goods.

Please take note:

A Fire Suppression System (any fire system) is not designed, intended or guaranteed to extinguish all fires, particularly when unusual amounts of combustible materials (oils and grease) and ample oxygen are present.