



CENTA GROUP
COMPLETE FIRE PROTECTION

PRODUCT CATALOGUE



Vision Statement

CENTA Fire is a specialist leader of complete fire protection in South Africa.

Through our Group's commitment to quality and innovation, we design, develop and sell fire protection equipment that saves lives and protects property.

We meet our goals by enriching and up skilling our Group Members and our customers.



Contents

Portable Fire Equipment 03

Fire Fighting Powders	04
Specialised Extinguishers	06
Standard Extinguishers	08
Stainless Steel Extinguishers	12
CO2 Extinguishers	14
Hose Reels	15
Fire Hoses	16
Fire Cabinets	18
Trolley Units	20
Signage	21
Fittings	22
Hose Reel Spares	24
Fire Extinguisher Spares	26
Spares	28
Accessories	30

Fire Fighting Foams 32

Fire Systems 36

Electronic Fire Detection	37
Gas Suppression	37
Water Systems	38
Passive Fire Protection	38
Automatic Profire Units	39
Ceiling Units	40
Kitchen System	41
Bus Suppression System	42

Specialised Products 42

National Maintenance Contracts	48
--------------------------------	----

Contact Us	49
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A large, stylized flame graphic in a lighter shade of red, positioned behind the text. The flame has several upward-pointing tongues, giving it a dynamic, fire-like appearance.

Portable Fire Equipment



Fire Fighting Powders

The performance of a fire extinguisher is determined by the quality of the fire fighting powder used. CENTA offers a range of high performance, quality powders designed specifically for extinguishing various types of fire.

CENTA STOCK A FULL RANGE OF FIRE FIGHTING POWDERS: GENERAL PURPOSE (MAP)

- Contains Mono Ammonium Phosphate (MAP) and Ammonium Sulphate (AS)
- Class of Fires: A, B and C (general purpose fires)
- Available in MAP: 40%, 50%, 70% and 90%

BC REGULAR

- Based on Sodium Bicarbonate
- Class of Fires: B and C (multipurpose fires)

D-CLASS POWDER

- Based on Sodium Chloride
- Class of Fires: D (metal based fires)

PURPLE K

- Based on Potassium Bicarbonate
- Recommended for high risk industries (chemical and petrochemical)
- Class of Fires: B and C (flammable liquids, oils, gases and chemical based fires)

Specialised Extinguishers

High performance, specialised fire extinguishers exclusive to CENTA



SPECIFICATIONS	HW Water Additive (9.0L) (AAS002)	HS Corrosion Proof (9.0kg) (AAS035)
Height (mm)	590	540
Diameter (mm)	175	175
Mass Empty (kg)	3.45	3.26
Mass Full (kg)	12.45	12.26
Medium	Water Additive	MAP 5A 5B 90%
Charge (kg)	9	9
Discharge Distance (m)	6.5	14
Working Pressure (kPa)	1500	1500
Paint Coating	Heavy Duty Powder Coating	Heavy Duty Powder Coating
Suitability	B-Class Fires	A,B,C Class Fires



HV Vehicle (9.0L) (AAS015)	D-Class (9.0kg) (AA0910F)	F-Class (6.0L) (AI2400F)	HP Purple K (9.0kg) (AAS025)
590	540	515	540
175	175	162	175
3.45	4.54	2.6	3.26
12.45	13.54	8.6	12.26
Water Additive	D-Class Powder	Wet Chemical	Purple K
9	9	6	9
6.5	2	6.5	14
1500	800	1500	1500
Heavy Duty Powder Coating	Heavy Duty Powder Coating	Stainless Steel	Heavy Duty Powder Coating
Transport Fires	Metallic Fires	Kitchen Fires	Mines & Chemical Industry

Standard Extinguishers

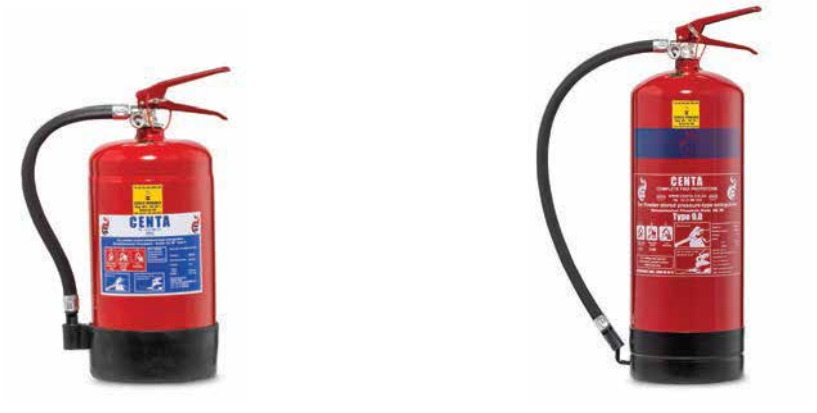


SPECIFICATIONS	1.0kg (AI0119)	1.0kg Black Dome (AI0110F)
Height (mm)	330	290
Diameter (mm)	88.9	88.9
Mass Empty (kg)	0.86	0.87
Mass Full (kg)	1.86	1.87
Medium	ABC Powder	ABC Powder
Charge	Dry Nitrogen	Dry Nitrogen
Discharge Distance (m)	8	8
Working Pressure (kPa)	1500	1500
Paint Coating	Heavy Epoxy	Heavy Epoxy
Compliance	SABS 1910	SABS 1910



1.5kg (AI0146)	1.5kg Black Dome (AI0130F)	2.5kg (AI0216F)	4.5kg (AA0416)
374	335	415	415
88.9	88.9	111	175
1	1	1.31	2.59
2.5	2,5	3.85	7.09
ABC Powder	ABC Powder	ABC Powder	ABC Powder
Dry Nitrogen	Dry Nitrogen	Dry Nitrogen	Dry Nitrogen
8	8	10	14
1500	1500	1500	1500
Heavy Epoxy	Heavy Epoxy	Heavy Epoxy	Heavy Epoxy
SABS 1910	SABS 1910	SABS 1910	SABS 1910

Standard Extinguishers



SPECIFICATIONS	6.0kg (AA0601F)	9.0kg (AA0914)
Height (mm)	432	540
Diameter (mm)	175	175
Mass Empty (kg)	2.82	3.26
Mass Full (kg)	8.82	12.26
Medium	ABC Powder	ABC Powder
Charge	Dry Nitrogen	Dry Nitrogen
Discharge Distance (m)	14	14
Working Pressure (kPa)	1500	1500
Paint Coating	Heavy Epoxy	Heavy Epoxy
Compliance	SABS 1910	SABS 1910



9.0L Water (AA1031F)	9.0L Foam (AA1036)	12kg (AA3032F)
620	620	620
175	175	175
3.61	3.61	3.61
12.61	12.61	15.61
Water	AFFF Foam	ABC Powder
Dry Nitrogen	Dry Nitrogen	Dry Nitrogen
16	10	13
1500	1500	1500
Heavy Epoxy	Heavy Epoxy	Heavy Epoxy
SABS 1910	SABS 1910	SABS 1910

Stainless Steel Extinguishers



SPECIFICATIONS	1.0kg (AI2110F)	1.5kg (AI2125F)
Height (mm)	355	355
Diameter (mm)	88.9	108
Mass Empty (kg)	0.92	1.16
Mass Full (kg)	1.92	2.66
Medium	MAP Powder	MAP Powder
Charge	Dry Nitrogen	Dry Nitrogen
Discharge Distance (m)	8	8
Working Pressure (kPa)	1500	1500
Paint Coating	Polished	Polished
Compliance	SABS 1910	SABS 1910



6.0kg (AI2401F)	9.0kg (AI2910F)	9.0L Water (AA3020)	9.0L AFFF Foam (AA3010)
510	665	665	665
162	162	162	162
2.70	3.05	3.05	3.05
8.70	12.05	12.05	12.05
MAP Powder	MAP Powder	Water Additive	AFFF Foam
Dry Nitrogen	Dry Nitrogen	Dry Nitrogen	Dry Nitrogen
14	14	14	10
1500	1500	1500	1500
Polished	Polished	Polished	Polished
SABS 1910	SABS 1910	SABS 1910	SABS 1910

C02 Extinguishers



SPECIFICATIONS	2.0kg Light Alloy (EI0250)	2.0kg Aluminium (EI0111)
Height (mm)	575	535
Diameter (mm)	100	110
Mass Empty (kg)	4.46	3.3
Mass Full (kg)	6.46	5.3
Medium	CO2	CO2
Charge (kg)	2	2
Discharge Distance (m)	3	3
Working Pressure (kPa)	60 Bar at 20 c	60 Bar at 20 c
Filling Ratio	75%	68%
Paint Coating	Heavy Duty Powder Coating	Heavy Duty Powder Coating
Compliance	SANS 1567	SANS 1567



3.5kg Aluminium (EI0151)	5.0kg Light Alloy (EI0550)	5.0kg Aluminium (EI0207)
580	752	666
140	130	151
6.2	9.33	6.6
9.7	14.33	11.6
CO2	CO2	CO2
3.5	5	5
4	4	4
60 Bar at 20 c	60 Bar at 20 c	60 Bar at 20 c
68%	75%	68%
Heavy Duty Powder Coating	Heavy Duty Powder Coating	Heavy Duty Powder Coating
SANS 1567	SANS 1567	SANS 1567



Hose Reels



Specifications	Standard (BB0115)	Stainless Steel Frame (BB0416)	Corrosion Proof (BB0210)
Hose Capacity (m)	30	30	30
Spindle	Mild Steel Plated	Stainless Steel	Stainless Steel
Water Way	Nylon	Nylon	Nylon
Hub Spacer	Mild Steel Electro Galvanised	Stainless Steel	Mild Steel / Heavy Powder Coat
Discs	Mild Steel	Stainless Steel	Mild Steel / Galvanised
Frame	Mild Steel	Stainless Steel	Mild Steel / Galvanised
Coating	Heavy Epoxy	Polished	Heavy Epoxy
Nozzle	Jet / Spray	Jet / Spray	Jet / Spray
Nozzle Material	Nylon	Nylon	Nylon
Frame Mass (kg)	5.86	5.39	5.98
Mass c/w 30m PVC Hose (kg)	15.86	16.34	16.94
Compliance	SABS 543	SABS 543	SABS 543

Fire Hoses

<div>Layflat Hose 10 Bar (65mm) (G76100)</div> <div><div><div>Colour: White</div><div>Length (m): 30</div><div>Inside Diameter (mm): 64mm</div><div>Working Pressure: 10 Bar</div><div>Weight (g/m): 210</div><div>Short Length Bursting (kPa): 3000</div><div>Operating Pressure (kPa): 1000</div><div>Mass (kg): 13</div><div>Packing Dimensions (mm): 400x400x120</div></div></div>	<div>Layflat Hose 16 Bar (65mm) (G71006)</div> <div><div><div>Colour: Red</div><div>Length (m): 30</div><div>Inside Diameter (mm): 64mm</div><div>Working Pressure: 16 Bar</div><div>Weight (g/m): 370</div><div>Short Length Bursting (kPa): 4500</div><div>Operating Pressure (kPa): 1600</div><div>Mass (kg): 13</div><div>Packing Dimensions (mm): 400x400x120</div></div></div>
<div>Layflat Hose 20 Bar (65mm) (G71005)</div> <div><div><div>Colour: Red</div><div>Length (m): 30</div><div>Inside Diameter (mm): 64mm</div><div>Working Pressure: 20 Bar</div><div>Weight (g/m): 650</div><div>Short Length Bursting (kPa): 6000</div><div>Operating Pressure (kPa): 2000</div><div>Mass (kg): 20</div><div>Packing Dimensions (mm): 400x400x120</div></div></div>	<div>Hose Reel Hose EN (B09002)</div> <div><div><div>Colour: Red</div><div>Length (m): 30</div><div>Inside Diameter (mm): 19-20mm</div><div>Working Pressure: 10 Bar</div><div>Weight (g/m): 330</div><div>Short Length Bursting (kPa): 1500</div><div>Operating Pressure (kPa): 1000</div><div>Mass (kg): 10.4</div></div></div>
<div>Hose Reel Hose SABS (B09006)</div> <div><div><div>Colour: Red</div><div>Length (m): 30</div><div>Inside Diameter (mm): 19-20mm</div><div>Working Pressure: 12 Bar</div><div>Weight (g/m): 440</div><div>Short Length Bursting (kPa): 1500</div><div>Operating Pressure (kPa): 1200</div><div>Mass (kg): 13.5</div></div></div>	



Cabinets (Fibre Glass)

4.5kg Extinguisher (Single) (F30000)



Manufactured: SA
Height (mm): 610
Width (mm): 355
Depth (mm): 250
Mass (kg): 2.66
Lock: Key Type
Viewing Window: No

9kg Extinguisher (Single) (F40000)



Manufactured: SA
Height (mm): 745
Width (mm): 355
Depth (mm): 250
Mass (kg): 3.77
Lock: Key Type
UV Protected: Yes
Hinges: Brass
Viewing Window: No
Water Resistant: Yes
Suited to Heavy Vehicles: No
Indoor & Outdoor Use: Yes

9kg Extinguisher (Double Door) (F40100)



Manufactured: SA
Height (mm): 750
Width (mm): 595
Depth (mm): 275
Mass (kg): 4.8
Lock: Key Tube
UV Protected: No
Viewing Window: No
Water Resistant: No
Suited to Heavy Vehicles: No

Hydrant (Single Door) (F90000)



Manufactured: SA
Height (mm): 565
Width (mm): 465
Depth (mm): 194
Mass (kg): 3.1
Lock: Key Type
UV Protected: No
Viewing Window: No

Hydrant (Double Door) (F91000)



Manufactured: SA
Height (mm): 490
Width (mm): 490
Depth (mm): 440
Mass (kg): 4
Lock: Key Tube
UV Protected: No
Viewing Window: No
Water Resistant: No
Suited to Heavy Vehicles: No
Indoor & Outdoor Use: Yes

Hose Reel (Double Door)



Open Back - F80000
Closed Back - F70000
Manufactured: SA
Height (mm): 860
Width (mm): 843
Depth (mm): 310
Mass (kg): 5.47
Lock: Key Tube
UV Protected: No
Viewing Window: No
Water Resistant: No
Suited to Heavy Vehicles: No
Indoor & Outdoor Use: Yes

Cabinets (Plastic)

<div>4.5kg Extinguisher (Single) (F24050)</div> <div><div><p>Manufactured: SA Height (mm): 546 Width (mm): 330 Depth (mm): 260 Mass (kg): 2.61 Lock: Yes Heavy Duty Injection: Yes UV Protected: No Viewing Window: No Hinges: Yes Water Resistant: No Suited to Heavy Vehicles: No Indoor & Outdoor Use: Yes</p></div></div>	<div>9kg Extinguisher (Single) (F24001)</div> <div><div><p>Manufactured: Italy Height (mm): 720 Width (mm): 320 Depth (mm): 250 Mass (kg): 2.66 Lock: Yes Heavy Duty Injection: Yes UV Protected: Yes Viewing Window: Yes Hinges: Yes Water Resistant: Yes Suited to Heavy Vehicles: Yes Indoor & Outdoor Use: Yes</p></div></div>
<div>9kg Extinguisher (Single) (F95000)</div> <div><div><p>Manufactured: SA Height (mm): 740 Width (mm): 330 Depth (mm): 250 Mass (kg): 3.69 Lock: Yes Heavy Duty Injection: Yes UV Protected: No Viewing Window: No Hinges: Yes Water Resistant: No Suited to Heavy Vehicles: No Indoor & Outdoor Use: Yes</p></div></div>	<div>Hose Reel Cabinet (Double Door) (F25001)</div> <div><div><p>Manufactured: SA Height (mm): 560 Width (mm): 465 Depth (mm): 190 Mass (kg): 2.4 Lock: Yes Heavy Duty Injection: Yes UV Protected: No Viewing Window: No Hinges: Yes Water Resistant: No Suited to Heavy Vehicles: No Indoor & Outdoor Use: Yes</p></div></div>
<div>Hydrant Cabinet (Single Door) (F25020)</div> <div><div><p>Manufactured: SA Height (mm): 560 Width (mm): 465 Depth (mm): 190 Mass (kg): 2.4 Lock: Yes Heavy Duty Injection: Yes UV Protected: No Viewing Window: No Hinges: Yes Water Resistant: No Suited to Heavy Vehicles: No Indoor & Outdoor Use: Yes</p></div></div>	



Trolley Units



SPECIFICATIONS	Powder 25kg (MAP) (CI0110/F)	Powder 50kg (MAP) (CI0210/F)	Powder 50kg (D-Class) (CI0226/F)	CO2 30kg (CI0121)
Height (mm)	955	1.113	1.113	1.34
Depth (mm)	510	560	560	500
Width (mm)	410	460	460	630
Cylinder Capacity (L)	25	50	50	30
Neck Ring (inch)	62	62	62	
Paint Coating	Red	Red	Yellow	Red
Valve	Lever	Lever	Lever	Hand Wheel
Hose Length (m)	5	5	5	5
Hose Type	12mm Rubber	12mm Rubber	12mm Rubber	12mm Rubber
Discharge Gun	Ball Valve Type	Ball Valve Type	Ball Valve Type	Hand Wheel Type
Working Pressure (kPa)	1500	1500	800	
Mass Empty (kg)	22.72	32.36	32.36	66.65

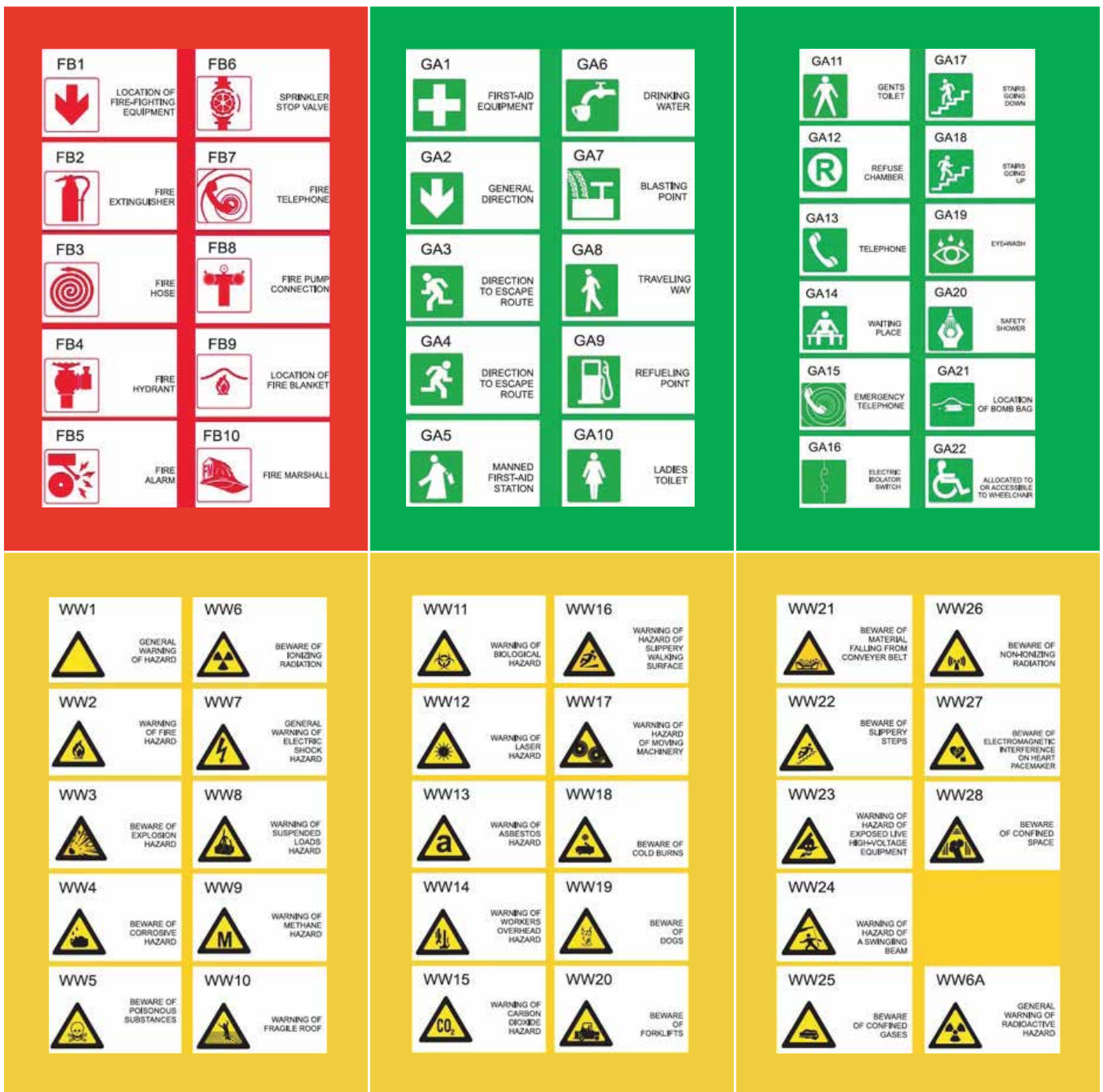


C02 45kg (CC0118)	Foam 25L (CI0310/F)	Foam 50L (CI0410/F)	Foam 100L (CS0125)
1.35	955	1.113	1.109
500	510	560	650
630	410	460	900
45	25	50	100
	62	62	
Red	Red	Red	Yellow
Hand Wheel	Lever	Lever	
5	5	5	20
12mm Rubber	12mm Rubber	12mm Rubber	2" Layflat Hose (White)
Ball Valve Type	Ball Valve Type	Ball Valve Type	
	1500	1500	
80	22.72	32.36	48














Signage

Correctly placed and clearly visible signage is an essential component of fire risk management and evacuation control. Signage is available in either plain ABS, Chromodek or Photo Luminescent (glow in the dark).



Fittings

			
<div>65mm Short Pattern Branch Pipe</div> <div>G76050</div>	<div>Hydrant Cap & Chain</div> <div>G10250</div>	<div>Hydrant Valves</div> <div>G76200</div>	<div>65mm Tamperproof Hydrant Valve c/w key</div> <div>G10100</div>
			
<div>Layflat Couplings</div> <div>65 x 65 - G76000 65 x 45 - G72002 65 x 38 - G76001</div>	<div>Branch Pipe Jet Spray c/w lever & curtain</div> <div>G76052</div>	<div>65mm Jet Spray c/w Lever</div> <div>G76051</div>	<div>Adjustable Foam Branch Pipe</div> <div>C13116</div>
 	<div>Clack Washer</div> <div>G10352</div> <div>Lip Washer</div> <div>G10351</div>		<div>65mm Steamer Connectors</div> <div>G76055</div> <div>Cap & Chain</div> <div>G76054</div>



Hose Reel Spares



Front and Back Washers

BS0700 / BS0800



O'Rings

B06200 / B06100



Spindle with O'rings

Mild Steel - B06003



Stirrup

Mild Steel - BB0105
Stainless Steel - BB0105



CP Valve

BS1400



8mm x 12mm Nuts & Bolts

Mild Steel - B08017
Stainless Steel - B08017



Hubspacers

Powder Coated - BB0106
Stainless Steel - B04005



Plastic Waterway

BB1110



Hose Reel Clamps

B08400



TG Nozzles

B09200












CP Valve Handle

BS1500



Hose Reel Label

B08500

 <p>Downpipe Mild Steel - BB1121 Stainless Steel - BB1121</p>	 <p>Downpipe - Powder Coated BB1120</p>	 <p>Hose Reel Discs - Stainless Steel B05001</p>
 <p>Swing Hydraulic Hose BB1100</p>	 <p>Hose Reel Discs Powder Coated - B05000 Galvenised - B05000</p>	 <p>Swing Mechanism BB0312</p>
 <p>Hydrant Handles G10200</p>	 <p>Tamper Proof Keys G10101</p>	 <p>Aluminium Nozzles B09204</p>



Fire Extinguisher Spares



Bursting Disc Nuts

ES0200



Safety Pin

AS2100



Red Plastic Tie

AS2200



Plunger

AS1700/A1700A /
ES0210



Plunger Spring

AS2400



Handle Sets

AS1500/AS1400/
AS1501 / AS1401



Syphon Tube Holder

AS2300



Syphon Tubes

VARIOUS



**35mm
Wall Brackets**

A14000



**70mm Wall
Brackets**

A14100















J Brackets

A12105



**Plastic
Brackets**

A12103

 <p>Black Pins (Card of 50) AS2500</p>	 <p>Yellow Security Seals AS2510</p>	 <p>2kg CO2 Cup Horn E10100</p>	 <p>5kg CO2 Hose & Horn EE0301</p>
 <p>Steel CO2 Valve E09000</p>	 <p>Alu CO2 Valve E09001</p>	 <p>Small Handle Sentinel Valve A08002</p>	 <p>Large Handle Sentinel Valve A08016</p>
 <p>CO2 Washers E03210</p>	 <p>Bursting Discs E0206</p>	 <p>Relief Spring and Cap AS1800</p>	 <p>Lead Seals - AS2505 Lead Seal Wire per/m - AS2506</p>



Spares



Valve Spanner
JJ0410



EBUR Gauge
A08000



Standard Gauge
A07999



Extinguisher Hoses
4.5kg - AA4000
9.0kg - AA9000



CPF Fly Valve c/w Gauge
A08010











CPF Gauge
Glass Covers Available



68°C Glasses
VARIOUS



Ceiling Unit Valve
A08012

		
<div>STP Nozzles</div> <div>A10200</div>	<div>Hose Connector</div> <div>A10214</div>	<div>Aluminium Crimps</div> <div>A10302</div>
		
<div>Foam Inductor Hose & Syphon Tube</div>	<div>Foam Inductor</div> <div>C13114</div>	<div>50kg Powder Hose</div> <div>CC0216</div>
	<div>Trolley Unit Valve</div> <div>CS0100</div>	
		<div>50kg Foam Hose</div> <div>CC0223</div>



Accessories



Labels
VARIOUS



Extinguisher PVC Cover
F00110



Hose Reel PVC Cover
F00210



Hose Reel Plastic Cover
F00310



Extinguisher Plastic Cover
F00311



Fire Bucket - Plastic
G00101



Fire Bucket - Metal
G00100



Key Boxes - Metal
G00500



Key Boxes - Plastic
G00502



Emergency Break
Glass Hammer
JJ0420



Hose Reel Foam
Dispenser
VARIOUS



Smoke Detector
G76400



2.5kg Vehicle Bracket
AS3001



1kg/1.5kg Vehicle Bracket
AS2801



4.5kg Heavy
Duty Brackets
AS3200



9kg Heavy
Duty Brackets
AS3300



9kg Double
Strap Brackets
AS3400



Plastic Bracket
C11000



Fire Blankets 1.8 x 1.8m
G76152



Fire Blankets 1.2 x 1.8m
G76151



Fire Blankets 0.9 x 0.9m
G76150

A large, stylized flame graphic in a lighter shade of green, positioned behind the text. The flame has several upward-pointing tongues, giving it a dynamic, fire-like appearance.

Fire Fighting Foams



Fire fighting foams are an extinguishing medium used in hazardous areas.

Foams are used in hazardous areas where flammable and combustible liquids are transported, processed, stored or used as an energy source.

There are two basic flammable fuel groups:

Standard hydrocarbon fuels (gasoline, diesel, kerosene, jet fuel), don't mix with water (float on top). Polar solvent or alcohol type fuels, mix readily with water.

CENTA are committed to using quality products, which will have a minimal impact on our natural environment. They are environmentally friendly and biodegradable.



Fire Fighting Foams

Fire fighting foams have a low viscosity and will spread rapidly across the surface of most fuel based fires. Foam is available in 20L, 200L and 1000L containers.



THE DIFFERENCE:

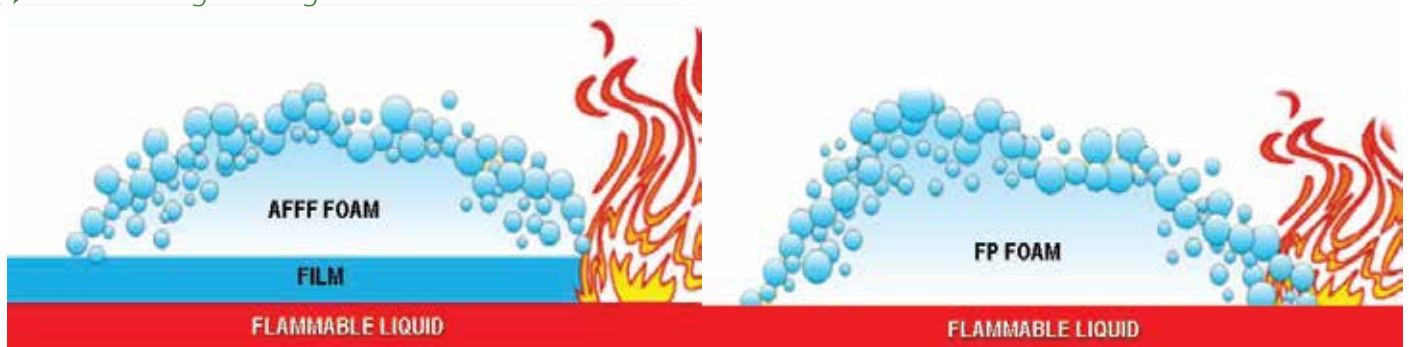
CENTA Aqueous Film Forming Foam (AFFF) vs Fluoroprotein (FP) Foams

Aqueous Film Forming Foam

1. Foam is sprayed on the fire
2. Foam controls the oxygen
3. A film forms beneath the foam and covers the flammable liquid.
4. The film cools the combustible fuel, and isolates the liquid from gas
5. Film stops the formation of flammable vapor, controls heat and burn back.
6. Foam drains into the film
7. Water cools the liquid



Fire Extinguishing Process



10 Reasons to choose CENTA Foam

1. Does not contain PFO's
2. Is Fluorine FREE
3. Quality product with International approvals (UL and EN approved)
4. Environmentally friendly / safe
5. 20 – 25 years shelf life
6. High performance synthetic foam
7. Biodegradable
8. Less foam required to extinguish a fire
9. Cost effective solutions
10. Moved from a C9 structure to C6



CENTA Range of Foams

Elinex Aqueous Film Forming Foams (AFFF)

- Oil & gas industry, airports, military, harbours
- Hydrocarbon fuels
- Liquid concentrate foam
- Class A & B type fires
- Environmentally friendly

CODE	PRODUCT NAME	HYDRO CARBON	POLAR EVENTS	SHELF LIFE
	Elinex EL AFFF	1%	N/A	20-25 Years
AS9927	Elinex EL AFFF	3%	N/A	20-25 Years
AS9929	Elinex EL AFFF	6%	N/A	20-25 Years

Elinex Alcohol Resistant Foams (AR / AFFF)

- Chemical and Petro-Chemical plants
- Polar solvent and hydrocarbon fuels
- Liquid concentrate foam
- Alcohol resistant
- Environmentally friendly

CODE	PRODUCT NAME	HYDRO CARBON	POLAR SOLVENTS	SHELF LIFE
	Elinex AR/AFF 1/1	1%	1%	20-25 Years
AS9931	Elinex AR/AFF 3/3	3%	3%	20-25 Years
AS9933	Elinex AR/AFF 3/6	3%	6%	20-25 Years

Elinex Hi Expansion Foams

- Best for 'flooding' large areas
- Coverage Class A fires (wood / paper)
- Extinguish Class B fires (fuel spills)
- Detergent based
- Excellent penetration and superior drainage time
- Popular choice for fire brigades

CODE	PRODUCT NAME	HYDRO CARBON	POLAR SOLVENTS	SHELF LIFE
AS9937	Elinex HI EX 3% HP	3%	N/A	20-25 Years

Elinex Forest Fire Foams (Class A)

- Bush type fires
- Wetting agent
- Suitable for Class A Fires (Wood / paper)
- Environmentally safe
- Sticks to flammable material creating a barrier to enhance the extinguishing process
- Standard applicators are helicopter buckets, air tankers, fixed ground systems

CODE	PRODUCT NAME	HYDRO CARBON	POLAR SOLVENTS	SHELF LIFE
	Elinex Class A	0.5 - 1%	N/A	20-25 Years
AS9941	Elinex Inilam AX	0.5 - 1%	N/A	20-25 Years

Water Additives

- High performance for liquid type extinguishers
- Non toxic, biodegradable and environmentally friendly
- Approved to be used in crowded places
- Cleaner than powder

Products Available:

- Inilam: Phosphate based product designed for Class A Fires
- SC-1: Fluorocarbon based concentrate designed for Class B Fires. Has a good performance rating on Class A Fires
- Elinex EL F: Wet Chemical designed for Class F Fires (Fat / Kitchen Fires)

A large, stylized flame graphic composed of several overlapping, rounded shapes in a lighter shade of blue, centered on the page.

Fire Systems



CENTA is an ISO 9001: 2015 listed company.

The company was first awarded the ISO listing in 1994. ISO revised its standard in 2008 at which time CENTA's ISO listing was revised to the ISO 2001:2008 version. In 2015 ISO again revised its procedures to incorporate risk as a major element to the ISO standard. CENTA has re-written its ISO standard to comply with ISO 2001:2015. In August 2016 Centa achieved its revised ISO 2001:2015 listing.

CENTA specialise in providing clients with turnkey project solutions specific to any environment. Our areas of expertise include Electronic Fire Detection, Gas Suppression, Water Systems, Kitchen System, Passive Fire Protection and Room Integrity Testing.

Our team of experienced SAQCC D&GS registered Technicians can assist in providing systems specific to any environment from design layout, to installation and maintenance.



Electronic Fire Detection

An early warning smoke detection solution. Fire detection systems are installed into buildings with the purpose of protecting life, property or both.



Categories

Centa supplies, installs and maintains a wide range of fire detection systems in the following categories:

1. Category - M: Manual systems (no automatic detection)
2. Category - L: Automatic Fire Detection systems designed to protect lives
3. Category - P: Automatic Fire Detection systems designed to protect property



Two Types of Fire Detection Systems:

Addressable Systems

Consist of a series of fire detectors and devices connected to a main control panel. Each device has a location so when a fire starts the detector that is triggered will enable the source of the fire to be quickly identified. Suited to: Commercial or large buildings where the premises is spread over a wide area.

Conventional Systems

This system differentiates between zones and in the event of a fire will advise you of the fire source in a particular zone. Suited to: Smaller buildings where zones can be easily identified.

No matter what kind of environment you operate in, CENTA's team of specialists can provide you with a Fire Detection solution to meet your needs.

Gas Suppression Systems

An automatic fire extinguishing system that uses inert gases and chemical agents to extinguish a fire without human intervention.

These systems leave no residue and are designed to protect enclosures which require a quick reaction to extinguishing a fire. Gases used include: FM200, HFC's, Pyroshield, CO2, Inergen and Novac. Suited to: Server and computer rooms, libraries, museums, public buildings and the industrial sector.



Room Integrity Testing

A recommended procedure in lieu of a discharge test of clean agent fire suppression systems to give you peace of mind knowing that the fire suppression system will hold the concentration of agent as designed. The integrity tester measures the size of the holes in the room and the pressure that may exist across them.



Water System

Water is the oldest of fire fighting mediums.
Suited to commercial and industrial buildings and parking arcades

Sprinklers

CENTA supplies sprinkler installation through selected ASIB accredited Group Members.

A fire sprinkler system is an automatic fire protection measure, consisting of a water supply system, providing adequate pressure and flow rate to a water distribution piping system. They are located at ceiling level and are connected to a reliable water source. The system activates when the heat from a fire causes a glass component in the sprinkler head to fail, thereby releasing the water from the sprinkler head. Sprinkler systems assist in preventing a fire from spreading, and can be installed in commercial and residential buildings.

Water Reticulation

Water reticulation ring mains form an integral part in limiting fire risk on a site as hose reels and hydrants, which are fed from the water ring main, assist fire departments in combatting fires. It can also be used by on site personnel to protect lives and property in the event of a fire on the site.

Passive Fire Protection (PFP)

Passive Fire Protection (PFP) is an integral component of structural fire protection and fire safety in a building.

PFP attempts to contain a fire and slow the spreading, from point of ignition. PFP systems must comply with the associated listing and approval use and compliance in order to provide the effectiveness expected by building codes.

Fire Doors

Fire Stops

Fire Retardents

Fire Closures

Grease Ducts

Cable Coating



Suppression Systems

Automatic fire extinguishing systems control and extinguish fires without human intervention. Best suited to small public and private buildings, computer rooms and the industrial sector.



Automatic Profire Units



SPECIFICATIONS	1.5kg Profire (AA0165)	2.5kg Profire (AA0225)	4.5kg Profire (AA0435)	9.0kg Profire (AA1001)
Height (mm)	374	415	415	540
Diameter (mm)	90	102	175	175
Mass Empty (kg)	1.1	1.5	2.85	3
Mass Full (kg)	2.6	4.0	7.3	12.0
Medium	Powder / Gas	Powder / Gas	Powder / Gas	Powder / Gas
Charge	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Trace Length (m)	3	4	6	10
Discharge Time (sec)	15	20	20	-

Ceiling Units



1 kg Ceiling Unit (AA0128)	
Height (mm)	190
Diameter (mm)	88.9
Mass Empty (kg)	2.86
Medium	Powder/Gas
Charge	Nitrogen
Bulb	68°C
Cylinder Burst (kPa)	9000
Working Pressure (kPa)	1500
Volume Charge	2.5M ² (Powder)



1.5kg Ceiling Unit (AA0147)	
Height (mm)	190
Diameter (mm)	88.9
Mass Empty (kg)	1.4
Medium	Powder/Gas
Charge	Nitrogen
Bulb	68°C
Cylinder Burst (kPa)	9000
Working Pressure (kPa)	1500
Volume Charge	2.5M ² (Powder)



2.5kg Ceiling Unit (AA0230)	
Height (mm)	205
Diameter (mm)	101
Mass Empty (kg)	3.05
Medium	Powder/Gas
Charge	Nitrogen
Bulb	68°C
Cylinder Burst (kPa)	9000
Working Pressure (kPa)	1500
Volume Charge	2.5M ² (Powder)



4.5kg Ceiling Unit (AA0440)	
Height (mm)	395
Diameter (mm)	175
Mass Empty (kg)	2.8
Medium	Powder/Gas
Charge	Nitrogen
Bulb	68°
Cylinder Burst (kPa)	9000
Working Pressure (kPa)	1500
Volume Charge	2.5M ² (Powder)



9.0kg Ceiling Unit (AA0970)	
Height (mm)	275
Diameter (mm)	175
Mass Empty (kg)	3.66
Medium	Powder/Gas
Charge	Nitrogen
Bulb	68°C
Cylinder Burst (kPa)	9000
Working Pressure (kPa)	1500
Volume Charge	2.5M ² (Powder)



Kitchen System

Kitchens are in high danger to the possibility of fire outbreaks due to the auto ignition nature of oils and fats used, or given off, during the cooking process. CENTA GROUP kitchen systems are UL approved and designed to meet the needs of kitchen areas typically found in hotels, restaurants and public institutions.



F-Class Fire Kitchen Systems

All CENTA Kitchen systems are installed by a 'Levahot' trained and certified technician.



1. Automatic Fusible Link Fire Detection. The fusible link separates in a fire condition, activating the discharge valve.
2. Sprinklers are arranged to offer maximum coverage of all installations.
3. Heat Detectors installed within the fume hood are triggered only during fire. Temperature detection level can be custom suited.
4. Fully-mechanical suppression system. The system distributes the extinguishing agents over all protected areas and interrupts the supply of gas or electricity.
5. Liquid Potassium Salt is used to extinguish cooking fires. Upon contact with hot oil, the liquid foam cools the hot oil and prevents oxygen from reaching the fire.
6. Manual Pull Station. The system also has a manual override.

Bus Suppression System

CENTA Bus Fire Suppression System is an efficient modern fire protection solution specifically designed for commercial buses. It provides comprehensive fire protection to the millions of people who use public transport everyday.

Bus Suppression System

Many bus fires originate in either the engine or battery compartments, which are usually out of the driver's sight. It is therefore difficult for the driver to notice a fire if it occurs, which results in a slow response time. The Bus Suppression Systems use a unique detection technology, that is highly immune to false alarms while ensuring quick automatic activation of the extinguishing unit in case of a fire.

Features

Bus engine fire protection system

- Delta detector
- Suppression agent & nozzles
- Command and Control

Bus battery compartment fire protection system

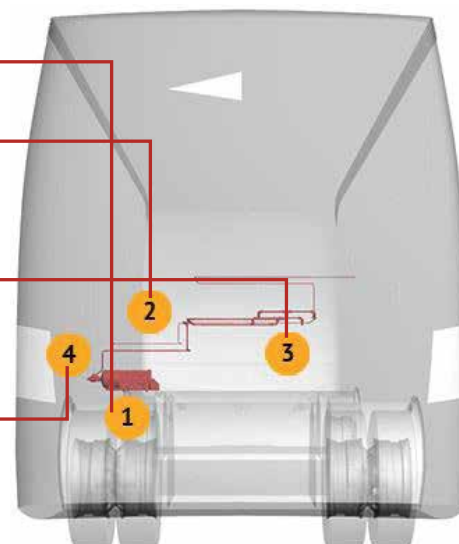
- Fire detector
- Suppression agent & nozzles
- Command and Control

Fire Extinguishing cylinder with automatic activation

Fire detection tubing routed around the engine compartment

Extinguishing agent discharge system

Manual activation



Benefits

1. Fast Detection - the DELTA detector registers a dramatic rise in temperature, it automatically triggers the system activation.
2. Efficient Extinguishing Action - utilizes dry powder to suppress fires and prevent re-ignition.
3. Easy Installation - durable, flexible, stainless steel tubing can be routed to monitor long distances or tight spaces.
4. Driver Alert - Automatic "Pre Alarm" and "Fire Alarm" alerts to drivers dashboard warning him of the fire even before he can see it – allowing manual system activation.
5. User friendly - the system requires minimal maintenance.
6. Reliable - low risk of false alarms.
7. Robust - high tolerance to harsh conditions such as dust and dirt.

A large, stylized flame graphic in a lighter shade of yellow, composed of several overlapping, teardrop-like shapes, positioned behind the text.

Specialised Fire Products



CENTA has been a leading force in the fire protection industry for over 20 years.

We understand the science of fire and that fire protection in 'high risk' environments is a top priority. We have designed and manufactured a specialised range of portable fire protection products, exclusive to CENTA.

Our range of high performance specialised fire extinguishers are individually designed to suit the needs of various environments, and our corrosion proofed hose reel is designed for areas of high corrosion.

We also supply a range of fire protective gear consisting of Aluminized suits and Bunker suits.



Specialised Extinguishers

Exclusive to CENTA



D Class Fire Extinguisher

Suited to metallic fires

The special 'salt shaker' applicator is important in extinguishing fires that burn at higher temperatures.

Sodium Chloride is used as the medium.



HW Fire Extinguisher

High Performance Water Additive Extinguishers

Suitable for cinemas, laboratories and shopping centres

Designed for their highly effective fire fighting ability, ease of use and mess free ability.



F Class Fire Extinguisher

Suited to cooking oil / fat fires

Potassium Salts are used as a base to cool and extinguish oil fires that burn at 350°C.

This medium is biodegradable and non-toxic with a neutral pH, so it's unharmed to food and appliances





HV Fire Extinguisher

Suitable for transport vehicles, and fuel type fires

Inilam A is the specialised medium used. It is highly effective water additive product with excellent properties in combating rubber tyre, engine and fuel type fires.

Fracturenating dispersion nozzle ensures an accurate distribution of the medium and ease of use.



HP Fire Extinguisher

High Performance Extinguishers

Suitable for Petrochemical Industries and mines

Durable for robust environments. Cylinders are made of thicker material and include stainless steel fittings, rubber discharge hose, high performance nozzle and large stainless steel handles.

Filled with Purple K powder

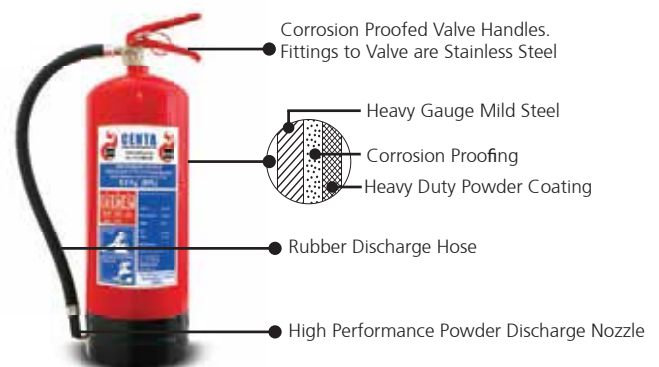


HS Fire Extinguisher

Corrosion Proofed Extinguishers

Suitable for high corrosion areas - coastal, mines, sulphur plants

Cylinders are protected against corrosion, fittings are stainless steel and the powder coating passes 1500 salt spray hours compared to the standard 500 hours.





Specialised Fire Equipment

We supply a range of products specific to high risk environments where fire protection is a top priority.

Aluminized Suit



Designed for protection against fire of extreme temperatures.
High temperature 'heat proof'.

Aluminium fire resistant suit consists of:
hood (neck shroud), jacket, trousers, lined gloves and overboots.

Bunker Suit



Non flammable due to it's chemical structure and will remain physically intact upon flame exposure. Offers permanent protection with a high degree of comfort.
Provides protection from radiant heat, hot steam, water, hot ash and flash flames.

Consists of a tunic and trousers which are made up of an outer shell, vapour barrier, thermal barrier and lining. The suit includes a fire resistant trim.

Corrosion Proof Hose Reel

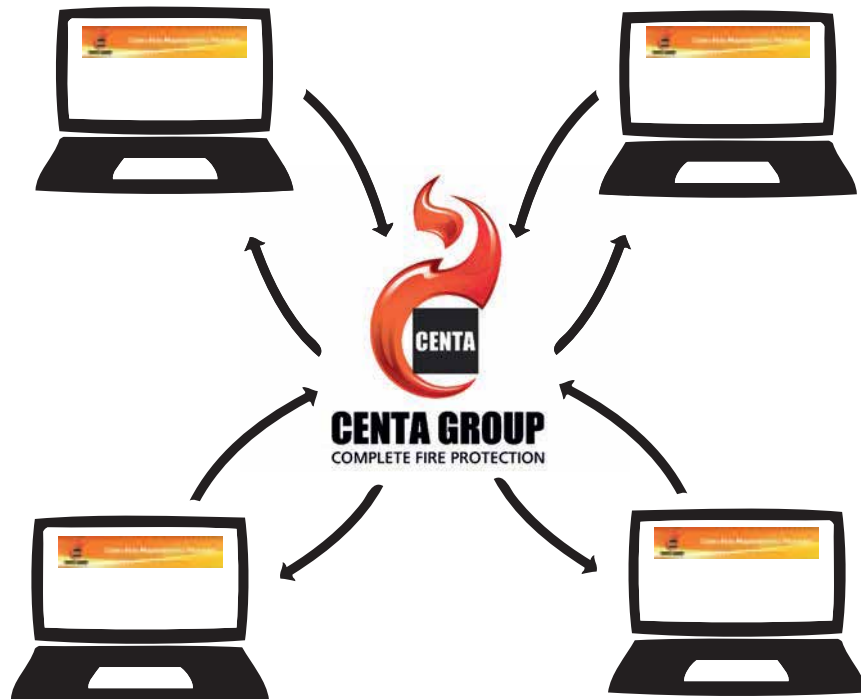


Corrosion proofed.
Robust and resistant.
Rust resistant alternative to stainless steel hose reels.
Salt spray hours ability of well over 3000 hours.

National Maintenance

Our unique intranet based maintenance management programme enables the Centa Group to keep its clients updated 24/7 with all fire equipment information online. Contact us for more information.

The CENTA GROUP has a systematic National Maintenance Contracts programme that offers our customers efficient service, supply and maintenance for all their fire protection equipment. CENTA has a National and Sub Saharan footprint and can therefore offer our customers personalised service administered by our own team of fire experts. All National Contracts are administered from our Central Office giving our customers one point of contact.



The Benefits

1. Centa Group's barcoding system provides efficiency, transparency and accurate fire equipment information.
2. Accessible and user friendly system - with individual client login.
3. 24 hr access to all sites and information on the fire equipment.
4. Clear register of all your equipment, location, type of unit, pressure test dates, signage, serial numbers.
5. Access to invoices, job card, nosa reports, recommendations and outstanding tasks.
6. Assists with management control - by clients and CENTA head office.
7. Creates piece of mind for the client.

Contact us



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- Adriel Fire – 031 201 2100
- Centa Holdings – 031 569 1175
- EG Fire – 039 727 3249
- Fire House – 039 695 0133
- Firequip – 033 394 8836
- Lockload Fire & Safety – 031 502 5244
- RB Fire Services – 035 751 1769

Eastern Cape

- Fire & General – 041 374 3322
- King Fire Services – 043 642 1600

Northern Cape

- Kim Fire – 053 831 1819 / 1722

Western Cape

- Atlas Fire & Security – 021 551 5080
- Oryx Risk Management (Pty) Ltd – 021 982 2025

Free State

- Centa OFS Fire – 051 523 3704/8

Gauteng

- Bo Fire Maintenance Services – 012 751 4332
- Centa Warehouse – 011 552 8543
- East Rand Fire Extinguisher Services & Sales – 011 975 6224
- Fess Fire – 011 402 5063/4
- Motswalle Distributors – 011 805 1604
- Mercfire Group – 012 379 2578
- Nalchem Fire – 016 341 6280
- VDS Fire & Safety Appliances – 011 869 9288

Limpopo

- Phalaborwa Fire & General – 015 781 2101
- Umlilo Fire – 015 297 8443





CENTA GROUP
COMPLETE FIRE PROTECTION