

UNIVERSAL

Fire & Safety Services Ltd.

An ISO 9001-2015 Certified Company

Alarm

Extinguishers

Hydrant

Training

Maintenance

Safety Product



About Us

Founded in 2003, with the aim of empowering and saving lives; Universal Fire and Safety Services Ltd., today, has emerged as a global brand.

Universal Fire and Safety Services Ltd.'s state-ofthe-art manufacturing unit is fully equipped with latest technologies. The manufacturing facility has been designed as per globally set standards.



We have a team of well-qualified engineers and technicians who are expert in their respective fields. Our team works round the clock and ensures that the best quality products are provided to our esteemed clients.

We aim to Earn the Lifetime Loyalty of Our Customers by Consistently Delivering Frequent High Performing Quality Products & Services Which Offer Excellent Values.



DRY CHEMICAL POWDER ABC STORED PRESSURE TYPE

Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

SUITABLE FOR CLASSES OF FIRE



-					
MODEL	UFSS A1	UFSS A2	UFSS A4	UFSS A6	UFSS A9
Capacity IN KG	1	2	4	6	9
IS SPECIFICATION	IS 15683				
FIRE RATING	1A, 21B	1A, 21B	2A, 55B	3A, 89B	4A, 144B
OPERATING	-30°C to +60°C				
TEMPERATURE					
EMPTY WEIGHT (KG)	1	1.4	2.3	2.9	4
COMPLETE WEIGHT (KG)	2	3.4	6.3	8.9	13
OVERALL HEIGHT (MM)	330 MM	380 MM	425 MM	465 MM	565 MM
DIA OF CYLINDER (MM)	86 ± 10	108 ± 10	140 <u>+</u> 10	160 ± 10	175 <u>+</u> 10
MIN. RANGE OF					
DISCHARGE (MTR)	2 MTR				
DISCHARGE PERCENTAGE					
(MIN)	MIN 90%				
MIN. DURATION OF					
DISCHARGE (SEC)	8 SEC	8 SEC	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²				
WORKING PRESSURE	15KGF/CM ²				
BURST PRESSURE	55KGF/CM ²				
	WELDED SECTION	ON NOT TO BREAK	AT LESS THAN 8	0 BAR	
EXTINGUISHING MEDIA	DRY POWDER				
	IS:4308	IS:4308	IS:4308	IS:4308	IS:4308
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR				
	536 OF IS:5				
APPROVAL	BIS	BIS	BIS	BIS	BIS

DRY CHEMICAL POWDER

BC STORED PRESSURE TYPE

SUITABLE FOR CLASSES OF FIRE







Sodium Bicarbonate based dry chemical powder suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

MODEL	UFSS B4	UFSS B6	UFSS B9
Capacity IN KG	4	6	9
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	55B	89B	144B
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
EMPTY WEIGHT (KG)	2.3	2.9	4
COMPLETE WEIGHT (KG)	6.3	8.9	13
OVERALL HEIGHT (MM)	425 MM	465 MM	565 MM
DIA OF CYLINDER (MM)	140 <u>+</u> 10	160 <u>+</u> 10	175 <u>+</u> 10
MIN. RANGE OF	2.4470	24470	2.4470
DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE			l
(MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF			
DISCHARGE (SEC)	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
WELDED SECTION	ON NOT TO BREA	K AT LESS THAN 80) BAR
EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER	DRY POWDER
	IS:4308	IS:4308	IS:4308
EXPELLANT	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS	BIS







DRY CHEMICAL POWDER (BC) SQUEEZE GRIP CO2 GAS CARTRIDGE TYPE

Sodium Bicarbonate based dry chemical powder suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

SUITABLE FOR CLASSES OF FIRE











MODEL	UFSS BC4	UFSS BC6	UFSS BC9
Capacity IN KG	4	6	9
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	55B	89B	144B
OPERATING	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
TEMPERATURE			
CO2 GAS CARTRIDGE	90 GMS	120 GMS	200 GMS
EMPTY WEIGHT (KG)	3	4	6
COMPLETE WEIGHT (KG)	7	10	15
OVERALL HEIGHT (MM)	437 MM	478 MM	579 MM
DIA OF CYLINDER (MM)	140 <u>+</u> 10	160 ± 10	175 ± 10
MIN. RANGE OF			
DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE			
(MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF			
DISCHARGE (SEC)	9 SEC	9 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
WELDED SECTION	ON NOT TO BREA	K AT LESS THAN 80	D BAR
EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER	DRY POWDER
	IS:4308 (SBC)	IS:4308 (SBC)	IS:4308 (SBC)
EXPELLANT	CO2	CO2	CO2
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS	BIS



DRY CHEMICAL POWDER (ABC) SQUEEZE GRIP CO2 GAS CARTRIDGE TYPE

SUITABLE FOR CLASSES OF FIRE







Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

MODEL	UFSS AC4	UFSS AC6	UFSS AC9	
Capacity IN KG	4	6	9	
IS SPECIFICATION	IS 15683	IS 15683	IS 15683	
FIRE RATING	3A, 55B	4A, 89B	4A, 144B	
OPERATING	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	
TEMPERATURE				
CO2 GAS CARTRIDGE	90 GMS	120 GMS	200 GMS	
EMPTY WEIGHT (KG)	3	4	6	
COMPLETE WEIGHT (KG)	7	10	15	
OVERALL HEIGHT (MM)	437 MM	478 MM	579 MM	
DIA OF CYLINDER (MM)	140 <u>+</u> 10	160 ± 10	175 <u>+</u> 10	
MIN. RANGE OF				
DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR	
DISCHARGE PERCENTAGE				
(MIN)	MIN 90%	MIN 90%	MIN 90%	
MIN. DURATION OF				
DISCHARGE (SEC)	9 SEC	9 SEC	15 SEC	
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²	
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²	
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²	
WELDED SECTION	ON NOT TO BREA	K AT LESS THAN 8	D BAR	
EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER	DRY POWDER	
	IS:4308 (MAP)	IS:4308 (MAP)	IS:4308 (MAP)	
EXPELLANT	CO2	CO2	CO2	
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR	
	536 OF IS:5	536 OF IS:5	536 OF IS:5	
APPROVAL	BIS	BIS	BIS	



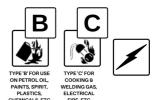


CARBON DIOXIDE FIRE EXTINGUISHER WHEEL TYPE

Carbon Dioxide Gas suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

FIRE **FIRE** FIRE

SUITABLE FOR CLASSES OF FIRE



	1		
MODEL	UFSS C2	UFSS C3	UFSS C4.5
Capacity IN KG	2	3	4.5
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	21B	34B	55B
OPERATING			
TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
FILLING DENSITY	MAX	MAX	MAX
	0.667KG/LTR	0.667KG/LTR	0.667KG/LTR
EMPTY WEIGHT (KG)	6.2	9	11
COMPLETE WEIGHT (KG)	9	12.8	16.8
OVERALL HEIGHT (MM)	575	530	715
DIA OF CYLINDER (MM)	108	140	140
MIN. RANGE OF	2 MTR	2 MTR	2 MTR
DISCHARGE (MTR)			
DISCHARGE PERCENTAGE	95%	95%	95%
(MIN)			
MIN. DURATION OF	9 SEC	9 SEC	9 SEC
DISCHARGE (SEC)			
TEST PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
WORKING PRESSURE	150KGF/CM ²	150KGF/CM ²	150KGF/CM ²
CYLINDER BODY	SEAMLES	SEAMLES	SEAMLES
	IS: 7285	IS: 7285	IS: 7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO2 GAS	CO2 GAS	CO2 GAS
EXPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS	BIS

CARBON DIOXIDE FIRE EXTINGUISHER WHEELED TYPE(TROLLEY MOUNTED)

SUITABLE FOR CLASSES OF FIRE









Carbon Dioxide Gas suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

MODEL	UFSS C6.5	UFSS C9	UFSS C22.5
Capacity IN KG	6.5	9	22.5
IS SPECIFICATION	IS 16018	IS 16018	IS 16018
FIRE RATING	55B	55B	89B
OPERATING			
TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
FILLING DENSITY	MAX	MAX	MAX
	0.667KG/LTR	0.667KG/LTR	0.667KG/LTR
EMPTY WEIGHT (KG)	16.2	21	40.5
COMPLETE WEIGHT (KG)	26.7	34	79
OVERALL HEIGHT (MM)	970	1220	1025
DIA OF CYLINDER (MM)	140	140	232
MIN. RANGE OF	3.5 MTR	4 MTR	4 MTR
DISCHARGE (MTR)			
DISCHARGE PERCENTAGE	95%	95%	95%
(MIN)			
MIN. DURATION OF	17 SEC	27 SEC	58 SEC
DISCHARGE (SEC)			
TEST PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
WORKING PRESSURE	150KGF/CM ²	150KGF/CM ²	150KGF/CM ²
CYLINDER BODY	SEAMLES	SEAMLES	SEAMLES
	IS: 7285	IS: 7285	IS: 7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO2 GAS	CO2 GAS	CO2 GAS
EXPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5
TROLLEY WHEEL	RUBBER SOLING	RUBBER SOLING	RUBBER SOLING
	WHEEL	WHEEL	WHEEL
APPROVAL	BIS	BIS	BIS





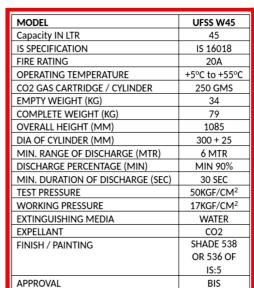


WATER CO2 WHEELED TYPE FIRE EXTINGUISHER (TROLLEY MOUNTED)

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.

SUITABLE FOR CLASSES OF FIRE









·MECHANICAL FOAM WHEELED <mark>TYPE FIRE EXTINGUISHER (TROLLEY MOUNTED)</mark>

SUITABLE FOR CLASSES OF FIRE



MODEL	UFSS M45
Capacity IN LTR	45
IS SPECIFICATION	IS 16018
FIRE RATING	20A, 233B
OPERATING TEMPERATURE	+5°C to +55°C
CO2 GAS CARTRIDGE	300 GMS
EMPTY WEIGHT (KG)	34
COMPLETE WEIGHT (KG)	79
OVERALL HEIGHT (MM)	1085
DIA OF CYLINDER (MM)	300 + 25
MIN. RANGE OF DISCHARGE (MTR)	6 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	30 SEC
TEST PRESSURE	50KGF/CM ²
WORKING PRESSURE	17KGF/CM ²
EXTINGUISHING MEDIA	AFFF IS 4989
EXPELLANT	CO2
FINISH / PAINTING	SHADE 538 OR
	536 OF IS:5
APPROVAL	BIS

Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.









WATER BASED STORED PRESSURE TYPE FIRE EXTINGUISHER

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.

SUITABLE FOR CLASSES OF FIRE



MODEL	UFSS W6	UFSS W9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	2A	3A
OPERATING	+5°C to +60°C	+5°C to +60°C
TEMPERATURE		
EMPTY WEIGHT (KG)	3	4
COMPLETE WEIGHT (KG)	9	13
OVERALL HEIGHT (MM)	465 MM	565 MM
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
MIN. RANGE OF		
DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE		
(MIN)	MIN 95%	MIN 95%
MIN. DURATION OF		
DISCHARGE (SEC)	8 SEC	13 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²
WELDED SECTION NOT TO	BREAK AT LESS TH	IAN 80 BAR
EXTINGUISHING MEDIA	WATER	WATER
EXPELLANT	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS

WATER CO2 SQUEEZE GRIP GAS CARTRIDGE TYPE FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE



MODEL	UFSS WC6	UFSS WC9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	2A	3A
OPERATING	+5°C to +60°C	+5℃ to +60℃
TEMPERATURE		
CO2 GAS CARTRIDGE	40 GMS	60 GMS
EMPTY WEIGHT (KG)	4	4.5
COMPLETE WEIGHT (KG)	10	14
OVERALL HEIGHT (MM)		
DIA OF CYLINDER (MM)	160 <u>+</u> 10	175 <u>+</u> 10
MIN. RANGE OF		
DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE		
(MIN)	MIN 90%	MIN 90%
MIN. DURATION OF		
DISCHARGE (SEC)	9 SEC	13 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²
EXTINGUISHING MEDIA	WATER	WATER
EXPELLANT	CO2	CO2
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS

Suitable for 'A' Class of fire involving materials like Paper, Wood, Cotton.





MEP (Mechanical, Electrical, and Plumbing)

Mechanical Systems

Regulate air quality and temperature (HVAC), keeping the environment healthy and comfortable.



Electrical Systems

provide power, lighting, and communication networks necessary for daily operations.



Plumbing Systems

Deliver clean water and safely remove waste, ensuring hygiene and sanitation.



MECHANICAL FOAM STORED PRESSURE TYPE FIRE EXTINGUISHER

Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.

SUITABLE FOR CLASSES OF FIRE





MODEL	UFSS M6	UFSS M9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING	+5°C to +60°C	+5°C to +60°C
TEMPERATURE		
EMPTY WEIGHT (KG)	3	4
COMPLETE WEIGHT (KG)	9	13
OVERALL HEIGHT (MM)	465 MM	565 MM
DIA OF CYLINDER (MM)	160 <u>+</u> 10	175 <u>+</u> 10
MIN. RANGE OF		
DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE		
(MIN)	MIN 95%	MIN 95%
MIN. DURATION OF		
DISCHARGE (SEC)	8 SEC	13 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²
WELDED SECTION NOT	TO BREAK AT LESS	THAN 80 BAR
EXTINGUISHING MEDIA	AFFF IS 4989	AFFF IS 4989
EXPELLANT	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS

MECHANICAL FOAM (CO2 GAS CARTRIDGE TYPE) FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE







Suitable for 'A' & 'B' Classes of fire involving materials like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments & Varnish.

MODEL	UFSS MC6	UFSS MC9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING	+5°C to +60°C	+5°C to +60°C
TEMPERATURE		
CO2 GAS CARTRIDGE	90 GMS	120 GMS
EMPTY WEIGHT (KG)	3	4.5
COMPLETE WEIGHT (KG)	9	14
OVERALL HEIGHT (MM)		
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
MIN. RANGE OF		
DISCHARGE (MTR)	2 MTR	2 MTR
DISCHARGE PERCENTAGE		
(MIN)	MIN 90%	MIN 90%
MIN. DURATION OF		
DISCHARGE (SEC)	9 SEC	13 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²
EXTINGUISHING MEDIA	AFFF IS 4989	AFFF IS 4989
EXPELLANT	CO2	CO2
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS







CLEAN AGENT (STORED PRESSURE) TYPE FIRE EXTINGUISHER

Suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG

SUITABLE FOR CLASSES OF FIRE











MODEL	UFSS CL2	UFSS CL4	UFSS CL6
Capacity IN KG	2	4	6
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	1A, 21B	1A, 34B	2A, 55B
OPERATING	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
TEMPERATURE			
EMPTY WEIGHT (KG)	1.4	2.6	2.9
COMPLETE WEIGHT (KG)	3.4	6.6	8.9
OVERALL HEIGHT (MM)	380 MM	425 MM	465 MM
DIA OF CYLINDER (MM)	108 ± 10	140 ± 10	160 ± 10
MIN. RANGE OF			
DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE			
(MIN)	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF			
DISCHARGE (SEC)	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²
EXTINGUISHING MEDIA	HFC236fa	HFC236fa	HFC236fa
EXPELLANT	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OF
	536 OF IS:5	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS	BIS



CLEAN AGENT TYPE MODULAR FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE











An Automatic Detection and Suppression System together in a single unit quite unlike any other system available in them market. Automatic round the clock protection. Provide Securities in case of emergencies and power failure without power backup

UFSSMDCL2	UFSSMDCL5	UFSSMDCL10	UFSSMDCL15
2	5	10	15
NITROGEN	NITROGEN	NITROGEN	NITROGEN
HFC 236fa	HFC 236fa	HFC 236fa	HFC 236fa
7 TO 15 KGF/CM ²	7 TO 15 KGF/CM ²	7 TO 15 KGF/CM ²	7 TO 15 KGF/CM ²
35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
68°C/79°C/93°C	68°C/79°C/93°C	68°C /79°C / 93°C	68°C /79°C / 93°C
1 TO 1.5m2	3.5 TO 4m2	7 TO 8m2	8 TO 10m2
3M ³	8M ³	15M ³	20M ³
1.5m	1.5 TO 2m	1.75 TO 2.25m	2 TO 3m
8-10 SEC	10-15 SEC	15-20 SEC	18-23 SEC
AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
1.9	3.4	5.2	7.5
3.9	8.4	15.2	22.5
SHADE 538 OR	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR 536 OF IS:5
	2 NITROGEN HFC 236fa 7 TO 15 KGF/CM ² 35 KGF/CM ² 35 KGF/CM ² 1 TO 1.5m2 3M ³ 1.5m 8-10 SEC AUTOMATIC 1.9 3.9	2 5 NITROGEN NITROGEN HFC 236fa HFC 236fa 7 TO 15 KGF/CM² 7 TO 15 KGF/CM² 35 KGF/CM² 35 KGF/CM² 35 KGF/CM² 35 KGF/CM² 68°C /79°C / 93°C 1 TO 1.5m2 3.5 TO 4m2 3M³ 8M³ 1.5m 1.5 TO 2m 8-10 SEC 10-15 SEC AUTOMATIC AUTOMATIC 1.9 3.4 3.9 8.4 SHADE 538 OR SHADE 538 OR	2 5 10 NITROGEN NITROGEN NITROGEN HFC 236fa HFC 236fa HFC 236fa 7 TO 15 KGF/CM² 7 TO 15 KGF/CM² 35 KGF/CM² 3







DRY CHEMICAL POWDER ABC & BC WHEELED TYPE FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE







Monoammonium Phosphate based dry chemical powder suitable for 'A', 'B' & 'C' classes of fire involving material like Paper, Wood, Cotton, Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG.

Sodium Bicarbonate based dry chemical powder suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG



MODEL	UFSS ABC25-I	UFSS ABC25	UFSS ABC50	UFSS ABC75
	&	&	&	&
	UFSS BC25-I	UFSS BC25	UFSS BC50	UFSS BC75
Capacity IN KG	25	25	50	75
IS SPECIFICATION	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	20A, 233B	20A, 233B	20A, 233B	20A, 233B
	&	&	&	&
	233B	233B	233B	233B
OPERATING TEMPERATURE	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C	-30°C to +55°C
CO2 GAS CARTRIDGE / CYLINDER	500 GMS	650 GMS	1450 GMS	1800 GMS
	CARTRIDGE	CYLINDER	CYLINDER	CYLINDER
EMPTY WEIGHT (KG)	26	39	53	75
COMPLETE WEIGHT (KG)	51	64	103	150
OVERALL HEIGHT (MM)	750	800	1010	1130
DIA OF CYLINDER (MM)	300	300	400	400
MIN. RANGE OF DISCHARGE (MTR)				
	6 MTR	6MTR	6 MTR	6 MTR
DISCHARGE PERCENTAGE (MIN)				
	MIN 85%	MIN 85%	MIN 85%	MIN 85%
MIN. DURATION OF DISCHARGE				
(SEC)	30 SEC	30 SEC	30 SEC	30 SEC
TEST PRESSURE	40KGF/CM ²	40KGF/CM ²	40KGF/CM ²	40KGF/CM ²
WORKING PRESSURE	17KGF/CM ²	17KGF/CM ²	17KGF/CM ²	17KGF/CM ²
EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER	DRY POWDER	DRY POWDER
	IS:4308	IS:4308	IS:4308	IS:4308
	(MAP) & (BC)	(MAP) & (BC)	(MAP) & (BC)	(MAP) & (BC)
EXPELLANT	CO2	CO2	CO2	CO2
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5	536 OF IS:5
APPROVAL	BIS	BIS	BIS	BIS

ABC POWDER TYPE MODULAR FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE











An Automatic Detection and Suppression System together in a single unit quite unlike any other system available in them market. Automatic round the clock protection. Provide Securities in case of emergencies and power failure without power backup

MODEL	UFSSMDL2	UFSSMDL5	UFSSMD10	UFSSMD15
CAPACITY IN KG	2	5	10	15
PROPELLENT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	MAP - IS 4308			
WORKING PRESSURE	7 TO 15 KGF/CM ²			
TESTING PRESSURE	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
OPERATION				
TEMPERATURE	68°C/79°C/93°C	68°C/79°C/93°C	68°C /79°C / 93°C	68°C /79°C / 93°C
AREA PROTECTION IN M2	1 TO 1.5m2	3.5 TO 4m2	7 TO 8m2	8 TO 10m2
VOLUME PROTECTION	3M ³	8M ³	15M ³	20M ³
HANGING VERTICALLY				
ABOVE RISK	1.5m	1.5 TO 2m	1.75 TO 2.25m	2 TO 3m
OPERATION TIME IN SEC	8-10 SEC	10-15 SEC	15-20 SEC	18-23 SEC
OPERATING VALVES	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
TARE WEIGHT	1.9	3.4	5.2	7.5
GROSS WEIGHT	3.9	8.4	15.2	22.5
FINISH / PAINTING	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR	SHADE 538 OR
	536 OF IS:5	536 OF IS:5	536 OF IS:5	536 OF IS:5









CARBON DIOXIDE GAS CARTRIDGES

MODEL	UFSSCO40	UFSSCO60	UFSSCO90	UFSSCO120	UFSSCO200	UFSSCO250	UFSSCO300
CAPACITY IN	40	60	90	120	200	250	300
GMS							
IS SPECIFICATION	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947
EMPTY WEIGHT	370	500	660	880	1280	1110	1325
(GMS)							
FULL WEIGHT	410	560	750	1000	1480	1360	1625
(GMS)							
OVERALL HEIGHT	138	180	240	295	430	297	347
DIA OF CYLINDER	38	38	38	38	38	50	50





K-CLASS WET CHEMICAL FIRE EXTINGUISHER



MODEL	UFSS K6
Capacity IN LTR	6
OPERATING	+5°C to +55°C
TEMPERATURE	
EMPTY WEIGHT (KG)	1.8
COMPLETE WEIGHT (KG)	7.8
OVERALL HEIGHT (MM)	505 MM
DIA OF CYLINDER (MM)	150 <u>+</u> 10
MIN. RANGE OF	
DISCHARGE (MTR)	2 MTR
DISCHARGE PERCENTAGE	
(MIN)	MIN 90%
MIN. DURATION OF	
DISCHARGE (SEC)	13 SEC
TEST PRESSURE	35KGF/CM ²
WORKING PRESSURE	15KGF/CM ²
BURST PRESSURE	55KGF/CM ²
EXTINGUISHING MEDIA	WET
	CHEMICAL
EXPELLANT	NITROGEN
FINISH / PAINTING	SHADE 538 OR
	536 OF IS:5





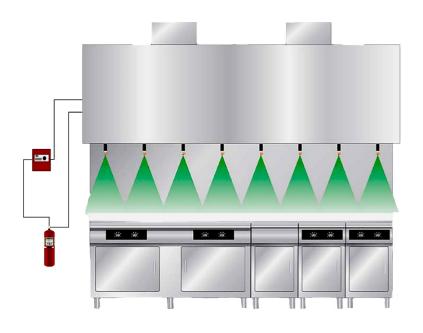


D CLASS SS BODY STORED PRESSURE TYPE

Α.	GENERAL	STORED PRESSURE	STORED PRESSURE
۱۳.	GENERAL	TYPE 6 KG	TYPE 9 KG
1	MANUFACTURER	UNIVERSAL FIRE &	UNIVERSAL FIRE &
		SAFETY SERVICES LTD	SAFETY SERVICES LTD
2	TRADE MARK	"UNIVERSAL"	"UNIVERSAL"
3	STANDARD CODE	AS PER IS: 15683: 2018	AS PER IS: 15683: 2018
4	TYPE	STORED PRESSEUR TYPE	STORED PRESSURE TYPE
5	CLASS OF FIRE	'D' CLASS (METAL FIRE)	D' CLASS (METAL FIRE)
6	BODY MATERIAL	STAINLESS STEEL	STAINLESS STEEL
7	EXTINGUISHING MEDIA	DRY POWDER	DRY POWDER
8	PROPELLANT	NITROGEN	NITROGEN
9	OPERATING	-30°C TO +60°C	-30°C TO +60°C
	TEMPERATURE		
10	DIA OF CYLINDER	150 <u>+</u> 10	175 <u>+</u> 10
11	FULL WEIGHT	10.6 KG	15.3 KG
12	OVERALL HEIGHT	955 MM	1174 MM
13	PERCENTAGE	MIN 90%	MIN 90%
	DISCHARGE		
14	WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²
15	TEST PRESSURE	35KGF/CM ²	35KGF/CM ²
16	RANGE OF JET THROW	2 MTR (MIN)	2 MTR (MIN)



KITCHEN FIRE SUPPRESSION SYSTEM



Kitchen Fire Suppression System can be designed to protect a wide variety of kitchen appliances, such as stoves or deep fat fryers. The nozzles for the Fire Suppression System are installed in the kitchen hood exhaust. That way, the wet chemicals will be discharged directly over the source of the fire.



DELIVERY HOSE COUPLING

INSTANTANEOUS TYPE (63mm) GUNMETAL / STAINLESS STEEL / ALUMINIUM ALLOY.

Delivery Hose Couplings provide the means to connect Fire Hoses to one another and to hydrant valves, branches, fittings and adaptors. Instantaneous couplings consist of Male and Female parts, and have a serrated tail portion, on which the hose is mounted and bound with Copper/G.I. wire.

A) GENERAL DATA

- 1. Size -63 mm
- 2. Type Instantaneous Male/Female Coupling
- 3. Hose Connection Shank 63mm size
- 4. Conforming Specification IS: 903, ISI Marked
- 5. Other Range 70mm, 52mm & 38mm

B) MATERIAL OF CONSTRUCTION

1. Material - Gun Metal / Stainless Steel / Aluminum Alloy.

C) TESTING AND QUALITY CONTROL

- 1. Hydrostatic Test Pressure (Body Test) 21 kgf/cm² for 2.5 minutes (Male & Female Coupling)
- 2. Documentation Supplier's certificates, approved laboratory test certificates
- 3. Working pressure Range 5 to 14 Kgf/cm²
- 4. Finish Natural Polished



Type of Material	Stainless Steel	Gun Metal	Aluminum
Body, Assembly	IS: 3444	IS: 318	IS: 617
Rubber Washer	IS: 937 (Type – A)	IS: 937 (Type – A)	IS: 937 (Type – A)
Spring	Stainless Steel – IS: 6528	Phosphorus Wire - IS:7608	Stainless Steel – IS: 6528

SHORT BRANCH PIPE

Short Branch Pipe / Straight Tip Nozzle is a basic firefighting nozzle commonly used by most Fire Brigades. These smooth bore tips creates concentrated jet pattern of water flow with maximum reach. Nozzles offers a wide variety of discharge sizes to suit any need.

A) GENERAL DATA

- 1. Size 63 mm
- 2. Type Branch Pipe / Nozzles
- 3. Hose Connection Shank 63mm size
- 4. Conforming Specification IS: 903, ISI Marked
- 5. Other Range 52mm & 38mm

B) MATERIAL OF CONSTRUCTION

1. Material - Gun Metal / Stainless Steel / Aluminum Alloy.

C)TESTING AND QUALITY CONTROL

- 1. Hydrostatic Test Pressure (Body Test) 21 kgf/cm² for 2.5 minutes
- 2. Documentation Supplier's certificates, approved laboratory test certificates
- 3. Working pressure Range 7 Kgf/cm²
- 4. Finish Natural Polished

Type of Material	Stainless Steel	Gun Metal	Aluminum
Body, Bonnet Assembly	IS: 3444	IS: 318	IS: 617
Valve Spindle	Stainless Steel - IS:6603	Brass Rod - IS:319/320	Stainless Steel - IS:6603
Cast Iron Wheel	IS:210	IS:210	IS:210
Rubber Washer	IS:937 (Type-A)	IS:937 (Type-A)	IS:937 (Type-A)
Spring	Stainless Steel - IS:6528	Stainless Steel - IS:6528	Stainless Steel - IS:6528
Gland Packing - Asbestos Thread	IS:4687 (Type - 3)	IS:4687 (Type - 3)	IS:4687 (Type - 3)









SINGLE OUTLET LANDING VALVE

Landing Valves are used to be mounted in Fire Hydrant System for Internal or External places. Usually Landing Valves are referred as Internal Hydrants since they are fitted inside the building along with wet hydrant system.

A) GENERAL DATA

- 1. Size 63 mm / 75mm / 80mm
- 2. Type Single Outlet Landing Valve
- 3. Inlet 3" NB Flanged
- 3. Outlet Female Instantaneous
- 3. Conforming Specification IS: 5290, Type A, ISI Marked

B) MATERIAL OF CONSTRUCTION

1. Material - Gun Metal / Stainless Steel / Aluminum Alloy.

C) TESTING AND QUALITY CONTROL

- 1. Hydrostatic Test Pressure (Body Test) 23 kgf/cm²
- 2. Water Tightness (Seat Test) Tested at 14 kgf/cm²
- 3. Documentation Supplier's certificates, approved laboratory test certificates
- 4. Flow Test 900 Liter Per Minute, Discharge at 7 Kgf/cm²
- 5. Hand Wheel Grey Cast Iron
- 6. Finish Body Painted Fire Red Color / Adaptor & Accessories Polished



Type of Material	Stainless Steel	Gun Metal	Aluminum
Body, Bonnet Assembly	IS: 3444	IS: 318	IS: 617
Valve Spindle	Stainless Steel - IS:6603	Brass Rod - IS:319/320	Stainless Steel - IS:6603
Cast Iron Wheel	IS:210	IS:210	IS:210
Rubber Washer	IS:937 (Type-A)	IS:937 (Type-A)	IS:937 (Type-A)
Spring	Stainless Steel - IS:6528	Stainless Steel - IS:6528	Stainless Steel - IS:6528
Gland Packing - Asbestos Thread	IS:4687 (Type - 3)	IS:4687 (Type - 3)	IS:4687 (Type - 3)

DOUBLE OUTLET LANDING VALVE

Landing Valves are used to be mounted in Fire Hydrant System for Internal or External places. Usually Landing Valves are referred as Internal Hydrants since they are fitted inside the building along with wet hydrant system.

A) GENERAL DATA

- 1. Size 63 mm / 75mm / 80mm
- 2. Type Double Outlet Landing Valve
- 3. Inlet 4" NB Flanged
- 3. Outlet Female Instantaneous
- 3. Conforming Specification IS: 5290, Type B, ISI Marked

B) MATERIAL OF CONSTRUCTION

1. Material - Gun Metal / Stainless Steel / Aluminum Alloy.

C)TESTING AND QUALITY CONTROL

- 1. Hydrostatic Test Pressure (Body Test) 23 kgf/cm²
- 2. Water Tightness (Seat Test) Tested at 14 kgf/cm²
- 3. Documentation Supplier's certificates, approved laboratory test certificates
- 4. Flow Test 1800 Liter Per Minute Discharge at 7 Kgf/cm²
- 5. Hand Wheel Grey Cast Iron
- Finish Body Painted Fire Red Color / Adaptor & Accessories Polished



Type of Material	Stainless Steel	Gun Metal	Aluminum
Body, Bonnet Assembly	IS: 3444	IS: 318	IS: 617
Valve Spindle	Stainless Steel - IS:6603	Brass Rod - IS:319/320	Stainless Steel - IS:6603
Cast Iron Wheel	IS:210	IS:210	IS:210
Rubber Washer	IS:937 (Type-A)	IS:937 (Type-A)	IS:937 (Type-A)
Spring	Stainless Steel - IS:6528	Phosphorus Wire - IS:7608	Stainless Steel - IS:6528
Gland Packing - Asbestos Thread	IS:4687 (Type - 3)	IS:4687 (Type - 3)	IS:4687 (Type - 3)







TWO WAY / THREE WAY / FOUR WAY INLET BREECHING

Breeching Inlets installed at ground level provides the connection to the water supply of the dry riser system. The dry riser system is normally dry and is charged by the fire brigade in an emergency.

A) GENERAL DATA

- 1. Size 63 mm
- 2. Type Two Way Inlet Breeching
- 3. Inlet 2/3/4 No's Male Instantaneous Adaptor (63mm) with NRV
- 3. Outlet 80/100/150 mm NB Flanged
- 3. Conforming Specification IS: 904.

B) MATERIAL OF CONSTRUCTION

1. Material - Gun Metal / Stainless Steel / Cast Iron.

C) TESTING AND QUALITY CONTROL

- 1. Hydrostatic Test Pressure (Body Test) 21 kgf/cm²
- 2. Water Tightness (Seat Test) Tested at 7 kgf/cm²
- 3. Documentation Supplier's certificates, approved laboratory test certificates
- 4. Finish Body Painted Fire Red Color / Adaptor & Accessories Polished





BUTTERFLY VALVE (MANUAL TYPE)

The Manual Butterfly Valves are designed for Chilled & Hot Water to be operated by Hand Lever.

FEATURES

- 1. Wide Size range (DN50 DN900)
- 2. Operated by Lever or Gear Box
- 3.90-degree opening / closing operation
- 4. Cast Iron Body with Powder Coating
- 5. Water type Connection

Technical Specifications	
Sizes	DN50DN200
Nominal Pressure	PN16
Medium Temperature	-10°C to +110°C Maximum
Body Material	IS: 210, Gr FG 200
Stem Material	ASTM A276, GR SS 410
Disc Material	Epoxy Coated Ductile Iron Disc
Lever	CRCA Sheet
Leakage Rate	No Visible Leakage
Medium Type	Water
Flange Standard	IS: 1538
Shell Test Pressure	24bar
Seal Test Pressure	17bar

SIZE / INCH	MM
1 1/2	40
2	50
2 ½	65
3	80
4	100
5	125
6	150
8	200
10	250
12	300





HOSE REEL (FIRST AID HOSE REEL FOR FIRE FIGHTING)

Technical Specifications

Type: Wall Mounted Fixed / Swing Type

Size:

Inlet - 1" Threaded Inlet Connection

Outlet - 3/4" / 1" / 1 1/2" Outlet connection for Hose to accommodate 30 / 36 / 40 Mtrs. Hoses

Hose: Rubber Braided Hose Pipe Conf. to IS: 444/1987

Nozzle: 19mm / 25mm Shut Off Nozzles of Various

Models available Type: 1, 2, 3A & 3B

Hydrostatic Test (Body Test): Tested at 21bar

Range & Water Flow rate test at 7bar Discharge: 24 Liter Per Minute



HOSE: REINFORCED LINED FIRE HOSE (RRL)

Confirming Specification: IS 636/1988 Type - A, ISI Marked.

This Reinforced Rubber Lined Fire Hose is used for Water delivery purpose in Fire-Fighting & Civil Engineering fields etc. RRL Type-A -Hose pipe Reinforced Rubber Lined Hose is preferred by the fire fighters due to their excellent durability. The jacket is made of 100% synthetic yarn. RRL Hose has excellent heat and abrasion resistance. This hose meets the requirements of IS 636/1988 - Type A, ISI Marked.

CONSTRUCTION

Jacket: Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance. Jacket is also treated with suitable rot proofing agent.

Rubber Lining

A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs

TECHNICAL SPECIFICATION				
Inside (inch)	Diameter (mm)	Proof Pressure Kg.f/cm ²	Burst Pressure Kg.f/cm ²	Mass Wt. (Gm / Mtr)
1 1/2"	38.0	21.4	35.7	275
2	50.0	21.4	35.7	350
2 1/2"	63.0	21.4	35.7	425
2 3/4"	70.0	21.4	35.7	480









RRL FIRE HOSE WITH ELASTOMERIC COATING ON OUTER SURFACE

Confirming Specification: IS 636/1988 Type - A, ISI Marked.

This Reinforced Rubber Lined Elastomeric Coated on outer surface Fire Hose is used fro water delivery purpose in Fire-Fighting, Oil & Power Sector, Industrial Plants & Sailing Vessels.

CONSTRUCTION

Jacket: Circular woven jacket made from 100% synthetic yarn with high abrasion and heat resistance. The woven jacket is also treated with a special Elastomeric Coating to give protection against moisture & fungus

Rubber Lining

A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs





TECHNICAL SPECIFICATION				
Inside (inch)	Diameter (mm)	Proof Pressure Kg.f/cm ²	Burst Pressure Kg.f/cm ²	Mass Wt. (Gm / Mtr)
1 1/2"	38.0	21.4	35.7	275
2	50.0	21.4	35.7	350
2 1/2"	63.0	21.4	35.7	425
2 ¾"	70.0	21.4	35.7	480

CP FIRE HOSE – CONTROLLED PRECOLATING FIRE HOSE

Confirming Specification: IS 8423/1994, ISI Marked

This Controlled Percolating Hose is sed for water delivery purpose in Fire-Fighting & Irrigation etc. Controlled Percolating Hose has a unique construction to ensure continuous oozing of water all around the jacket in a controlled manner without compromising the pressure loss. These hoses are used when the hoses are needed to pass through places where there is high radiant heat.

CONSTRUCTION

Jacket: Circular woven jacket made from special synthetic yarn

Rubber Lining

A ultra-thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

Standard Length: 7.5Mtrs, 15Mtrs, 22.5Mtrs & 30Mtrs

TECHNICAL SPECIFICATION				
Inside (inch)	Diameter (mm)	Proof Pressure Kg.f/cm ²	Burst Pressure Kg.f/cm ²	Mass Wt. (Gm / Mtr)
1 1/2"	38.0	21.4	35.7	275
2	50.0	21.4	35.7	350
2 1/2"	63.0	21.4	35.7	425
2 3/4"	70.0	21.4	35.7	480









THERMO PLASTIC HOSE PIPE

Confirming Specification: IS 12585, Type -2, ISI Marked

This Thermo Plastic Hose is used for water delivery purpose in Fire-Fighting purpose.

CONSTRUCTION

Lining: A flexible Thermoplastic lining, Smooth in bore.

Reinforcement: A Natural or Synthetic Textile.

Reinforcement Cover: A flexible thermoplastic cover, which may have a smooth or fluted finish as agreed. The color maybe different from that of the lining.

Standard Length: 30Mtrs & 36Mtrs Nominal Bore: 10.00mm to 50.00mm

е





STAND POST TYPE WATER MONITOR

Application

- 1. Oil Sector
- 2. Refineries
- 3. Chemical Plants
- 4. Fertilizers

TECHNICAL SPECIFICATION		
Design & Construction	As Per IS: 8442	
Material	Seamless Mild Steel Tube	
Size of Monitor	63mm	
Size of Inlet Flange	80mm	
Construction	Welded from M.S. Seamless Pipes, Bends etc.	
Discharge Capacity	1750 Liter Per Minute	
Horizontal Throw	50 – 55 Meter	
Rotation	360°	
Elevation	85° to 30°	
Joint	Swivel Type (Gun-Metal)	
Jet Spray Nozzle	Gun Metal or Aluminum	
Operative Pressure 7 kg.f/cm ²		





DOUBLE DOOR HOSE BOX

Fire Hose Box fabricated from CR sheet with double door, with full front glass inspection window and locking arrangement (Common Key Lock), duly painted with PO Red color outside and white color from inside (two coats of synthetic enamel paint)

TECHNICAL SPECIFICATION	HOSE BOX
Туре	Double Door
Dimensions	750 x 600 x 250 (mm)
Body	CRC Sheet
Glass	Transparent Acrylic 3mm Thickness
CRC Sheet Thickness	18swg / 16swg / 14swg
Lock	Common Key Lock
Key Box	Provided
Handle	Provided
Hose	For accommodating 2 nos. of 15-meter hose and One Branch Pipe
Finish	Coats of enamel paint of PO red from outside and inside



FOAM MAKING BRANCH

Foam Making Branch Pipe is a lightweight, easy to handle, ideal for Fire Brigade first line appliances and general industrial use. Will be operated from water supply at particular pressure to produce foam bubbles via 3m long pierce pick-up tube which can be supplied with the branch pipe.

TECHNICAL SPECIFICATION			
	FB 5X	FB 10X	
Design & Construction	As Per IS: 2097	As Per IS: 2097	
Operating Pressure Range	5.0 to 5.5 Bar	8.0 to 8.5 Bar	
Foam Liquid	P, FP, FFFP, AFFF, AR and S	Standard AFFF Compound	
Foam Ratio	1:10	1:10	
Discharge (LPM)	225 to 250 Liter Per Minute	450 to 500 Liter Per Minute	
Jet Length (Max)	20 Meters	24 Meters	
Coupling Inlet	2.5 Instantaneous (M)	2.5 Instantaneous (M)	
Foam Pick-up	20mm Quick Release	20mm Quick Release	
Material	Aluminum Alloy	Aluminum Alloy	
Weight	3.2kg	3.7kg	
Angle of Operation	30°	30°	







NOMEX FIRE SUIT

Fireman Jacket & Trouser Specification:

Multiple layers of Jackets and pants with suspender Certified to FN 469.

Outer shell: 6.0oz NOMEX III A Fabric.

Moisture barrier: Aramid/Kevlar non woven laminated with PTFE membrane for maximum breathability and hydrostatic head (waterproof) performance. (EN 343 protection against foul weather)

Thermal barrier: Constructed using non-woven ARAMIDE KEVLAR fibers laminated with Nomex/Viscose innermost ling fabric for maximum protection:

Reflective tape: 2"width yellow-silver-yellow reflective trims installed at arm and legs, front,

back and bottom on the jacket and pants to enhance high visibility of workers;



Standard: CE EN443

Brand: PAB

Performance: Flame-Retardant Shell / Interior Basket /

Chin Strap; Puncture Resist; Retractable

PC face protector; Neck protection, Reflective And Luminescent stripes, Adjusting head, Possible wearing of the protective mask under visor; Easy to

operate and Spare parts available.

Color: Yellow

Weight: Approximately 1400 gms. Fireman Balaclava

Specification

Material: 50% Aramid + 48% Viscose + 2% Anti Static

Blended fabric. Color: Beige



Fireman Gloves Specification:

Material: Multiple-layer leather glove.

Spec: The upper material is beef hide split with special treatment against high temperature, penetration of water and oils. Another function of this leather treatment is resistance against mechanical risks. The next layer is composition of technical Kevlar® and Nomex® that increases resistance against heat, abrasion and cutting. Knit wristband is made from Kevlar®. The gloves are tested and certified according to EN 659:2004+A1:2008 – Protection gloves for firefighters.

Fireman Boot Specification

Material: Vulcanized Rubber & Sole Certified to EN ISO 20345 & EN 15090.

Components of Fire Suit: Jacket & Trouser - EN 469 / Balaclava Hood - EN 13911 / Fireman

Helmet - EN 443 / Fire Fighting Gloves - EN 659 / Fire Fighting Boots - EN 15090:2006



LOW TEMPERATURE SUIT

LOW TEMPERATURE SUIT

Cryogenic Low temperature Suit Made out of Multiple layers.

- 1. Water Proof laminated light weight Polyester as a outer layer
- 2. Woolen felt 1.5mm thick.
- 3. Polyester wadding 80GSM
- 4.Inner most layer of polyester fleece fabric & Quilted Polyester fabric with Polyester wadding.

80 GSM

Suit consists of

One-piece coverall with pouch on back to house B.A. Set, Hood with Visor, Five Finger Hand Gloves & Booties.

Zipper will be air tight inverted zipper.

Entire suit will be sealed with seam sealing tape.

Suitable for temperature up to -80 degree Centigrade & less.

Designed for comfort & protection for Low temperature, Wind and tear resistant, as well as

water repellant. where ever cold weather protective insulated thermal clothing is needed.

Certifications:- Testing done from IRMRA (NABL Accredited Laboratory).

Tested in an environment of (-60oC.) for a period of 3 hrs. when a person wearing our suit is at

29oC. which is normal atmospheric temperature in India. TATA Memorial Centre for BIOBANK for working temp - 80 deg. C.

IOCL & BPCL for LPG plants.

Cryogenic Low temperature Suit Color: Navy Blue, orange or to be advise.





HYDRANT EQUIPMENT



AIR RELEASE VALVE

AN AIR RELEASE VALVE IS TYPICALLY USED IN WATER OR IRRIGATION SCHEMES TO ENSURE THAT ANY ENTRAINED AIR IN THE WATER SYSTEM IS AUTOMATICALLY RELEASED IN ORDER TO MAXIMIZE THE SYSTEM PERFORMANCE. ENTRAINED AIR POCKETS IN PIPES CAN CAUSE EXCESSIVE HEAD LOSS AND FLOW REDUCTIONS IF AIR IS NOT EFFECTIVELY RELEASED.



TRIPLE PURPOSE NOZZLE

THE TRIPLE PURPOSE NOZZLE IS IMMENSELY USED IN THE INDUSTRIES FOR VARIED PURPOSES INCLUDING DUST CONTROL, WATER COOLING, FIRE PROTECTION AND LIQUID **CLEANING MACHINERY.**



SPRINKLER

A SPRINKLER IS A DEVICE USED TO SPRAY WATER. SPRINKLERS ARE USED TO WATER PLANTS OR GRASS, OR TO PUT OUT FIRES IN BUILDINGS.



FIRE WATER SPRAY NOZZLE

A SPRAY NOZZLE IS A PRECISION DEVICE THAT FACILITATES DISPERSION OF LIQUID INTO A SPRAY. NOZZLES ARE USED FOR THREE PURPOSES: TO DISTRIBUTE A LIQUID OVER AN AREA, TO INCREASE LIQUID SURFACE AREA, AND CREATE IMPACT FORCE ON A SOLID SURFACE.





PERSONAL PROTECTIVE EQUIPMENTS



SAFETY HELMET

SAFETY HELMETS (ALSO KNOWN AS HARD HATS) CAN PREVENT OR MINIMIZE INJURIES TO THE HEAD AND BRAIN, PROTECTING AGAINST FALLING OBJECTS OR DEBRIS, IMPACT WITH OTHER OBJECTS. ELECTRIC SHOCK AND RAIN. MOST HEAD INJURIES CAN BE AVOIDED IF THE PROPER HEAD PROTECTION IS SELECTED. **USED AND MAINTAINED**



SAFETY FACE SCREENS

THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC) DOESN'T RECOMMEND THE GENERAL PUBLIC USE FACE SHIELDS OR GOGGLES AS A SUBSTITUTE FOR MASKS AS A PRECAUTION AGAINST THE VIRUS THAT CAUSES COVID-19. ONE OF THE STUDIES FURTHER UNDERSCORES THAT THE USE OF FACE SHIELDS ALONE WOULD BE INADEQUATE, BUT THE USE OF BOTH FACE MASK AND SHIELD CAN PROVIDE BETTER PROTECTION AGAINST INFECTIONS



SAFETY GOGGLES

GOGGLES ARE THE PRIMARY PROTECTORS INTENDED TO SHIELD THE EYES AGAINST LIQUID OR CHEMICAL SPLASH, IRRITATING MISTS, VAPORS, AND FUMES. THEY FORM A PROTECTIVE SEAL AROUND THE EYES, AND PREVENT OBJECTS OR LIQUIDS FROM ENTERING UNDER OR AROUND THE GOGGLES.



EAR MUFFS

SOME ADVANTAGES OF WEARING EAR MUFFS INCLUDE: PROVIDE MORE CONSISTENT PROTECTION THAN PLUGS. ONE SIZE FITS MOST HEADS. EASY TO PUT ON AND TAKE OFF



PERSONAL PROTECTIVE EQUIPMENTS



ORGANIC VAPOR RESPIRATOR

IT IS USED MAINLY TO PROTECT AGAINST SOLVENTS, SUCH AS THOSE IN OIL BASED PAINTS. OTHER ORGANIC VAPORS IT ABSORBS WOULD INCLUDE PAINT THINNER, LACQUER THINNER, TURPENTINE AND FUEL VAPORS.



HEAD CAP (BOUFFANT CAP)

BOUFFANT CAPS ARE PPE THAT PREVENT STRAY HAIRS FROM CONTAMINATING A WORK AREA IN LABORATORIES. MEDICAL FACILITIES, AND CLEANROOMS WHERE STERILITY IS MANDATORY. COVERS ARE ALSO AVAILABLE AND MADE FROM POLYPROPYLENE MATERIAL.



FALL ARREST HARNESS

FALL ARREST HARNESS IS A DEVICE TO HOLD THE BODY AND IS DESIGNED TO STOP A FALL. FOR THIS, THE HARNESS MUST BE CONNECTED TO A FALL ARREST DEVICE, WHICH IS IN TURN CONNECTED TO AN ANCHOR. A RESCUE HARNESS IS A DEVICE TO HOLD THE BODY AND IS DESIGNED FOR RESCUE OPERATIONS.



NILTRILE HAND GLOVES

WHEN TO USE NITRILE GLOVES? NITRILE GLOVES ARE USED IN CHEMISTRY LABS AND OTHER INDUSTRIAL SITUATIONS WHERE CHEMICAL HAZARDS ARE PRESENT. THEY ARE ALSO GOOD FOR USE IN FOOD PROCESSING PROTECTING YOUR HANDS FROM ODORS AND STAINS. CHEMISTRY LABS, WITH THEIR DRY CHEMICALS AND CORROSIVE ACIDS, USE NITRILE GLOVES.



FIRST AID KIT

POSSIBLE ITEMS COULD INCLUDE: DRESSINGS AND BANDAGES (GAUZE ROLE, STERILE GAUZE PADS, EYE PAD, ROLL OF ADHESIVE TAPE, ELASTIC BANDAGE FOR SPRAINS, STERILE COTTON BALLS AND SWABS). OVER-THE- COUNTER MEDICINE FOR CUTS, BURNS, AND INJURIES. SPECIAL MEDICINES FOR MEMBERS OF YOUR HOUSEHOLD



PERSONAL PROTECTIVE EQUIPMENTS



CHEMICAL GLOVES

THIN, DISPOSABLE, NITRILE GLOVES ARE THE MOST COMMON GLOVES USED WHEN HANDLING CHEMICALS IN LABORATORIES; HOWEVER, IT IS IMPORTANT TO REMEMBER THAT THIN NITRILE RUBBER PROVIDES ONLY LIMITED CHEMICAL PROTECTION.



COTTON GLOVES

COTTON KNIT GLOVES ARE LIGHTWEIGHT GLOVES USED TO PROVIDE PROTECTION FROM SCRAPES, ABRASIONS, OCCASIONALLY INCREASED GRIP FOR LOW-RISK ENVIRONMENTS. GENERALLY USED IN GENERAL WAREHOUSE, LANDSCAPING, GENERAL MAINTENANCE, AND LIGHT AUTOMOTIVE WORK.



WIND SOCK

A WINDSOCK, OR WIND CONE, IS A CONICAL TEXTILE TUBE THAT RESEMBLES A GIANT SOCK. WINDSOCKS CAN BE USED AS A BASIC GUIDE TO WIND DIRECTION AND SPEED. AT MANY AIRPORTS, WINDSOCKS ARE LIT AT NIGHT, EITHER BY FLOODLIGHTS ON TOP SURROUNDING IT OR WITH ONE MOUNTED ON THE POLE SHINING INSIDE IT.



REFLECTIVE JACKET

HIGH-VISIBILITY CLOTHING, SOMETIMES SHORTENED TO HI VIS OR HI VIZ, IS ANY CLOTHING WORN THAT IS HIGHLY LUMINESCENT IN ITS NATURAL MATT PROPERTY OR A COLOR THAT IS EASILY DISCERNIBLE FROM ANY BACKGROUND.



SAFETY SHOES

SAFETY FOOTWEAR MADE FROM STURDY, DURABLE MATERIALS CAN PREVENT NASTY BURNS FROM CHEMICAL SPLASHES, METAL SPLASHES AND OTHER DANGEROUS SUBSTANCES THAT COULD INJURE THE SKIN ON THE FEET/HANDS OR ANY OTHER PART OF THE **BODY**



GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



ELECTRONIC HOTTER

THE HOOTERS ARE DESIGNED TO GIVE AUDIO ALARMS WHEN FAULTY CONDITIONS ARISE. THE HOOTERS ARE USED IN CONJUNCTION WITH ALARM ANNUNCIATORS OR CONTROLLERS. IN-BUILT VOLUME CONTROL IS PROVIDED SO THAT THE ALARM SOUND CAN BE CUSTOMIZED AS PER REQUIREMENT.



ADDRESSABLE FIRE ALARM PANEL

ADDRESSABLE FIRE ALARM CONTROL PANELS ARE FIRE PROTECTION SYSTEMS THAT ARE ABLE TO SWIFTLY DETECT AND CHANGE IN ATMOSPHERE AND PINPOINT AN EXACT LOCATION WHEN TROUBLE ARISES. THEY'RE A MORE MODERN SYSTEM THAT OPERATES DIGITALLY RATHER THAN ANALOG LIKE CONVENTIONAL SYSTEMS DO.



PROBE TYPE HEAT DETECTOR

PROBE TYPE HEAT SENSOR IS DESIGNED TO OPERATE AT A FIXED TEMPERATURE. THIS DETECTOR FINDS A SUITABLE APPLICATION AT VARIOUS PLACE LIKE KITCHEN HOODS, PAINT BOOTHS, DUCTS, GENERATOR SETS, CNC MACHINES ETC. THIS HEAT SENSOR IS HAVING A FLAME PROOF THERMOCOUPLE HEAD.



BATTERY OPERATED SMOKE ALARM

THESE ARE STAND-ALONE BATTERY OPERATED SMOKE DETECTORS GENERALLY USED IN HOMES AND OFFICES WHERE ELECTRICAL WIRING IS ALREADY COMPLETED.



ELECTRIC SIREN

ELECTRONIC SIRENS. ELECTRONIC SIRENS ARE INCREASINGLY USED FOR MASS WARNING SYSTEMS DUE TO THEIR ADVANTAGES OF LOW ENERGY CONSUMPTION AND LOW MAINTENANCE EFFORT. THEIR MODULAR CONSTRUCTION OFFERS INDIVIDUAL STRUCTURE AND POWER STAGES POSSIBILITIES.



GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



MANUAL GAS RELEASE UNIT

THE MANUAL RELEASE PUSHBUTTON IS USED TO ACTIVATE THE CYLINDER VALVE, WHICH IN TURN OPENS THE EXTINGUISHING AGENT CONTAINER TO RELEASE. THIS DEVICE CONSISTS OF A STAINLESS STEEL FACEPLATE AND A MODULAR SWITCH ASSEMBLY.



PNEUMATIC VALVE

A PNEUMATIC VALVE IS A DEVICE THAT IS USED TO CONTROL OR MODULATE THE FLOW OF AIR (OR ANOTHER INERT GAS) IN A PNEUMATIC SYSTEM. THEY DO SO BY CONTROLLING THE AIR OR GAS AT THE SOURCE, REGULATING ITS PASSAGE AS NEEDED INTO TUBING, PIPES, OR DEVICES IN AN AUTOMATED PNEUMATIC SYSTEM.



GATE VALVE

A GATE VALVE IS A CONTROL VALVE THAT EITHER ALLOWS MEDIA TO FLOW THROUGH UNOBSTRUCTED OR STOPS THE FLUID FLOW.



DELUGE VALVE

A DELUGE VALVE IS A TYPE OF SYSTEM ACTUATION VALVE THAT IS OPENED BY A DETECTION SYSTEM THAT IS INSTALLED IN THE SAME AREAS AS THE SPRAY NOZZLES OR BY REMOTE MANUAL OPERATION SUPPLYING WATER TO ALL SPRAY NOZZLES.



MEP (Mechanical, Electrical, and Plumbing)

Mechanical Systems

Regulate air quality and temperature (HVAC), keeping the environment healthy and comfortable.



Electrical Systems

provide power, lighting, and communication networks necessary for daily operations.



Plumbing Systems

Deliver clean water and safely remove waste, ensuring hygiene and sanitation.





--- FIRE ALARM PANEL

ADDRESSABLE FIRE ALARM CONTROL PANEL

Micro Controller Based 2 loop & 4 loop Addressable Fire Alarm Panel

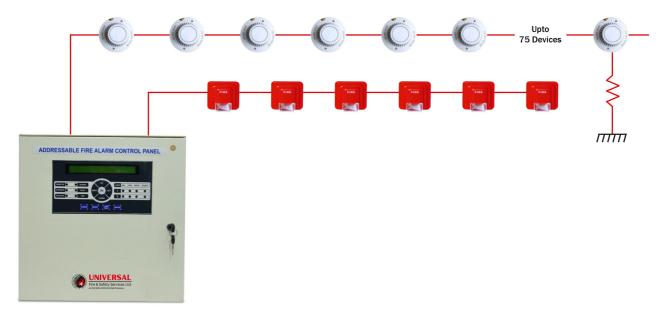
2 Loop Model No. AH-AS01 4 Loop Model No. AH-AS02

Features:-

- Advanced microprocessor based DIGITAL ADDRESSABLE fire alarm control panel
- 4 loop digitally addressable zones.
- Each zone support 30 to 75 addressable devices.
- Supports addressable MCP.
- 32 character field programmable point text for each sensor.
- 40 x 2 Character LC display.
- Stand alone models.
- Common sounder circuit.
- Field programming through ATX keyboard.
- All zone wiring circuits are supervisea.
- Operates on 220v 50Hz Ac mains power.
- 24V DC stand-by with built in charger.
- Zone isolation facility.
- Zone wise fire, fault & isolation LED indication.



Simple Conventional wiring.



Only Compatible with conventional devices manufactured by AGNI HUNTEX PVT. LTD.





FIRE ALARM PANEL

ADDRESSABLE FIRE ALARM CONTROL PANEL

Micro Controller Based 2 loop & 4 loop Addressable Fire Alarm Panel

2 Loop Model No. AH-AS01 4 Loop Model No. AH-AS02

Features:-

ELECTRICAL SPECIFICATION:

Primary power: AC: 180-250 VAC +10%-15%, 50Hz

Standbu Bowor: 31YDC Mo'r of 131/70h battor) Max build in for 130h) oalod oad and battoryd

Operating Condition:

Operating Temperature: 0-49C

Relative Humidity: 93±2% RH (non-condensing)

Charging Circuit:

Charging Voltage: 27V, ± 0.2V

Nominal Charging Current: 500mA (Max.)

Notification Appliance Circuits

Wiring: Conventional

Operating normal Voltage : 24 VDC End-of-Line Resistor: 4K7, 1/2 watt

D.C. Output:

Supervised: 24VDC

Signaling line Circuits

Zone: 4

Maximum No Devices per zone: 30 - 75

Zone Current: 96mA (Max)

Initlating Device Circults

Normal operation Voltage: 22-23.5 VDC

Alarm Current: 30-45mA Short Circuit Current: 96mA Max Zone resistance: 110 Max End-of-Line Resistor: 4K7, 1/2 watt

Standby Current: 240mA (200mA for Detectors)







FIRE ALARM PANEL

ADDRESSABLE FIRE ALARM CONTROL PANEL

Micro Controller Based 2 loop & 4 loop Addressable Fire Alarm Panel 8 Loop Model No. AH-AS03

Features:-

- One to ten isolated intelligent Signaling Line Circuits (SLC).
- Up to 99 detectors and modules per SLC.
- Detectors can be any mix of photo, thermal, or multi sensory.
- Modules include addressable pull stations, normally open contact devices, two- wire smoke detectors, notification,
- Large 2-line, 80-character LCD backlit display.
- Advanced microprocessor based ADDRESSABLE fire alarm control panel.
- 8 Zone addressable zones.
- Each zone support 99 addressable devices. (Any combination)
- Uploading data to repeater facility
- Supports All ADD module.
- 32 Character field programmable point text for each sensor.
- 40 x 2 Character LC display.
- Common sounder circuit
- Field programming through ATX keyboard.
- Operates on 220v 50Hz Ac mains power.
- 24V DC stand-by with built in charger.
- Zone isolation facility.
- Zone wise fire, fault & isolation LED indication.
- Common NO NC relay contact on fire and fault
- Each zone has their own separate NO NC relay contact on fire or fault
- Each 2 zone supports individual isolation facility Common lamp test switch available
- External switch for silence
- In built buzzer
- Operate on 220V 50HZ AC mains power
- 24V DC stand-Dy with Built in nargers
- Mains on, System on, Charger on, visual indication
- Zone wise fire, fault LED indication





FIRE ALARM PANEL

ADDRESSABLE FIRE ALARM CONTROL PANEL

Micro Controller Based 2 loop & 4 loop Addressable Fire Alarm Panel 8 Loop Model No. AH-AS03

Features:-

ELECTRICAL SPECIFICATION:

Primary power: AC: 180-250 VAC +10%-15%, 50Hz

Standhy Rowor: 34DC 3Mo'r of 1317 70h battop) M build in for 120h) 80aod oadand batton

Operating Condition:

Operating Temperature: 0-50 C

Relative Humidity: 93±2% RH (non-condensing)

Charging Circuit:

Charging Voltage: 27V, ± 0.2V

Nominal Charging Current: 500mA (Max.)

Notification Appliance Circuits

Wiring: Conventional

Operating normal Voltage: 24 VDC End-of-Line Resistor: 4K7, 1/2 watt

D.C. Output:

Supervised: 24VDC

Signaling line Circuits

Zone: 8

Maximum No Devices per zone: 99 Per Zone

Zone Current: 96mA (Max)

Initlating Device Circults

Normal operation Voltage: 22-23.5 VDC

Alarm Current: 30-45mA Short Circuit Current: 96mA Max Zone resistance: 110 Max End-of-Line Resistor: 4K7, 1/2 watt

Standby Current: 240mA (200mA for Detectors)

MECHANICAL SPECIFICATIONS

Colour	Red
Main Gate	18 gauge (1.6mm)
Second Gate	CRCE Sheet 20 Gauge
IP Rating	50
Model	20 mm
Weight (Without battery)	26 kg without battery
Dimension (mm)	(W) 782 (H) 864 (D) 204



CONTROL SWITCH

Reset (System Reset)
Lamp Test (LED Check)
Mute Alarm
Evacuate (Sound Alarm)
UP - Select Menu
Down - Exit
OK - Isolated Each Zone

EACH ZONE HAVE THEIR OWN LEDS

Zono ON GREEN	
Fire: RED	
Open: YELLOW	
Short: YELLOW	

LED INDICATION

Common Fire: RED
Common Fault: YELLOW
AC Power: GREEN
Charging: YELLOW
Silence: YELLOW
Evacuate: RED





FIRE ALARM PANEL

MOTOR STARTER PANEL

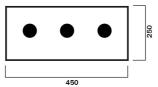
Features:-

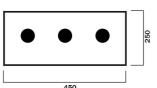
- Operates on 440V AC, 50 Hz AC supply
- R,Y,B and ON Indication
- Short circuit and overload protection
- · Automatic and manually operated
- · Easy to operate
- High Performance
- Easy installation and connection
- · Wall mounted



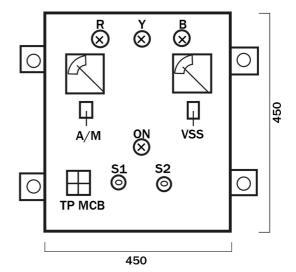
Technical Specifications

Operating voltage Range	AC 440v 50Hz
Weight	13 kg
Construction	16 swg crca steel
Dimension (Hx WxD)	450 x 450 x 250 mm
Color	Red/ off White
Cabinet Type	MS
Operating temperature	0 Degree to 50 degree C
Operating Humidity	95% (Non-condensing)





HOUSING DIAGRAM:-









GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



AUTOMATIC CO2 CYLINDER FLOODING SYSTEM

CO2 Flooding System or Central Bank CO2 System is one of the common fixed Fire Fighting System installed on most of the ships. It releases Carbon Dioxide (CO2) in bulk quantity to a protected space (such as engine room, cargo hold, purifier room, pump room, etc.) under fire. This type of Fire Extinguisher System consists of high-pressure cylinders or low-pressure tanks containing Carbon Dioxide (CO2) agent under pressure, connected to fixed piping and nozzles. The systems are used for total flooding of a volume or for local application.



CLEAN AGENT FIRE SUPPRESSION SYSTEM

A clean Agent is any fire extinguishing agent that is electrically non-conductive, volatile or gaseous and does not leave a residue upon evaporation. Clean Agent Fire Suppression Systems use an inert gas or chemical that is stored in a container and discharged when a fire is detected.



FIRE HYDRANT SYSTEM





FIRE HYDRANT SYSTEM

A Fire Hydrant System is a safety measure or emergency equipment required in buildings that comprises a series of components that when assembled together provide a source of water to assist fire.

The system consists of the following components:

- WATER SUPPLY & STORAGE FACILITY.
- PIPEWORK & VALVES.
- FIRE BRIGADE BOOSTER INLETS.
- FIRE PUMP SETS.
- HYDRANT OR LANDING VALVE & COUPLING.
- FIRST AID HOSE REELS AND LAY FLAT FIRE HOSE.

FOAM BLADER SYSTEM

Foam Bladder Tanks offer a reliable and simpler method of foam proportioning. Bladder Tank System includes a pressure-rated tank with an internal rubber bladder. Upon system actuation, incoming water applies pressure to the rubber bladder, which supplies pressurized foam concentrate to the proportioning device (ratio controller). The foam ratio controller meters the foam concentrate into the fire water line, creating foam solution. The solution is then piped to the discharge devices protecting the hazard area. Bladder tanks are available in horizontal and vertical mounting with a completely pre-piped option. Foam Bladder Tanks carry UL, FM and CE approvals.









SCBA SET —

Description	Drager	MSA
Material	Steel	Steel
Usage/Application	For Firefighting Usage	For Firefighting
Volume Of Cylinder	6.0 Litres	6.0 Litres
Model Name/Number	PA91 PLUS	UNIPACK MSA
Brand	Drager	MSA
Weight	14 KG	14.5
Color	Yellow	Yellow
Number Of Cylinders	1	1
Cylinder Valve	M18 x 1.5	M18 x 1.5
Max. Working Pressure	300 - 330 Bar	200 - 300 Bar
Minimum Order Quantity	01 Set	1 Set
Delivery Time	8 To 10 Working Days	8 To 10 Working Days
Packaging Details	Proper Cardboard Packaging	Proper Cardboard Packaging





FIRE DOOR



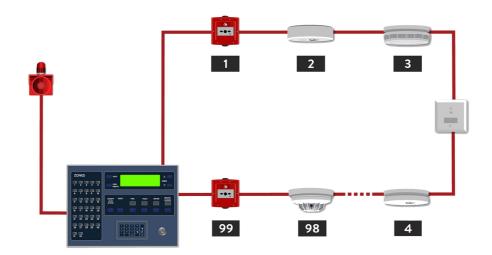






FIRE RESISTANT DOOR

FIRE-RATED DOORS ARE CONSTRUCTED OF MATERIALS THAT WORK TOGETHER TO SLOW OR STOP THE SPREAD OF FLAMES, SMOKE AND, IN CERTAIN APPLICATIONS, RADIANT AND CONDUCTIVE HEAT TRANSFER.



FIRE DETECTION SYSTEM

THERE ARE THREE MAIN TYPES OF FIRE ALARM MONITORING SYSTEMS: IONIZATION, PHOTOELECTRIC, AND COMBINATION ALARMS

AN ADDRESSABLE FIRE ALARM SYSTEM WORKS BY HAVING EVERY DETECTION AND NOTIFICATION DEVICE CONNECTED TO EACH OTHER AND TO THE ADDRESSABLE FIRE ALARM CONTROL PANEL.AN ADDRESSABLE SYSTEM SENDS DIGITAL SIGNALS IN BINARY CODE, AS OPPOSED TO A CONVENTIONAL FIRE ALARM SYSTEM WHICH OPERATES THROUGH ELECTRICAL CURRENTS





SIGNAGES

THE MAIN PURPOSE OF SIGNS IS TO COMMUNICATE, TO CONVEY INFORMATION DESIGNED TO ASSIST THE RECEIVER WITH DECISION-MAKING BASED ON THE INFORMATION PROVIDED. ALTERNATIVELY, PROMOTIONAL SIGNAGE MAY BE DESIGNED TO PERSUADE RECEIVERS OF THE MERITS OF A GIVEN PRODUCT OR SERVICE

FIRE FIGHTING SIGNAGE





PROHIBITIONS SIGNAGE





MANDATORY SIGNAGE



FIRST AID SIGNAGE



LED SIGNAGE





OUR CLIENT LIST























































































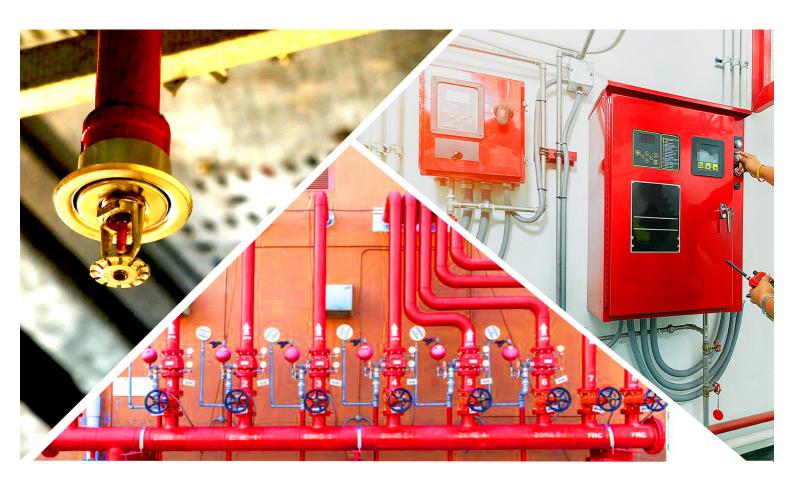












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