



ADDRESS

SHOP NO.9, VIJAY NAGAR, OPP NAAZ RESTAURANT KURLA ANDHERI ROAD, JARIMARI, KURLA WEST
MUMBAI, MAHARASHTRA 400072, INDIA

CALL US +919820745144/ 9833507479

MAIL US BREAKFIREENG@GMAIL.COM

WEBSITE BREAKFIREENG.COM

Professional &
TRUST
Focused

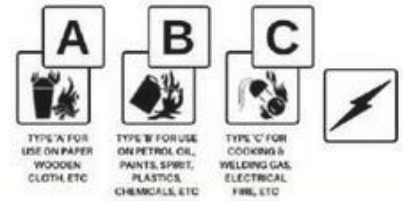


WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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 form 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	IS 15683	IS 15683	IS 15683	IS 15683
FIRE RATING	1A, 21B	1A, 21B	2A, 55B	3A, 89B	4A, 144B
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
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 ± 10	160 ± 10	175 ± 10
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%	MIN 90%	MIN 90%	MIN 90%	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	8 SEC	8 SEC	13 SEC	13 SEC	15 SEC
TEST PRESSURE	35KGf/cm ²	35KGf/cm ²	35KGf/cm ²	35KGf/cm ²	35KGf/cm ²
WORKING PRESSURE	15KGf/cm ²	15KGf/cm ²	15KGf/cm ²	15KGf/cm ²	15KGf/cm ²
BURST PRESSURE	55KGf/cm ²	55KGf/cm ²	55KGf/cm ²	55KGf/cm ²	55KGf/cm ²
WELDED SECTION NOT TO BREAK AT LESS THAN 80 BAR					
EXTINGUISHING MEDIA	DRY POWDER IS:4308	DRY POWDER IS:4308	DRY POWDER IS:4308	DRY POWDER IS:4308	DRY POWDER IS:4308
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS	BIS	BIS	BIS

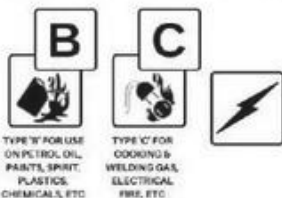
IS 15683:2018



CM/L NO: 7700005414

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 form 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 ± 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)	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 NOT TO BREAK AT LESS THAN 80 BAR			
EXTINGUISHING MEDIA	DRY POWDER IS:4308	DRY POWDER IS:4308	DRY POWDER IS:4308
EXPELLANT	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS	BIS



IS 15683:2018



CM/L NO: 7700005414

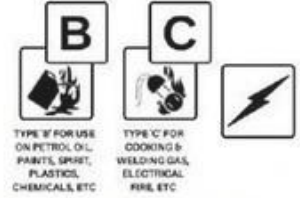
DRY CHEMICAL POWDER

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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 form 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 TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
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 ± 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 NOT TO BREAK AT LESS THAN 80 BAR			
EXTINGUISHING MEDIA	DRY POWDER (SBC)	DRY POWDER (SBC)	DRY POWDER (SBC)
EXPELLANT	CO2	CO2	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5
APPROVAL	BIS	BIS	BIS

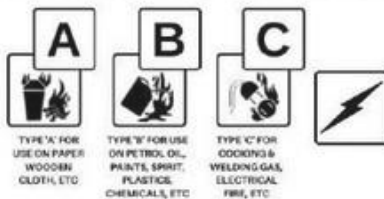
IS 15683:2018



CM/L NO: 770005414

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 form 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 TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
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 ± 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 NOT TO BREAK AT LESS THAN 80 BAR			
EXTINGUISHING MEDIA	DRY POWDER (MAP)	DRY POWDER (MAP)	DRY POWDER (MAP)
EXPELLANT	CO2	CO2	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5
APPROVAL	BIS	BIS	BIS



IS 15683:2018



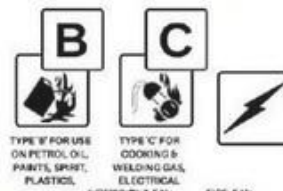
CM/L NO: 770005414

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

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 form like Oxygen, Acetylene, LPG & CNG

SUITABLE FOR CLASSES OF FIRE

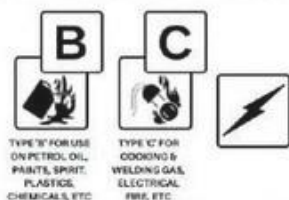


MODEL	UFSS C2	UFSS C3	UFSS C4.5
Capacity IN KG	2	3	4.5
IS SPECIFICATION	IS 15683	IS 15683	IS 15683
FIRE RATING	21B	34B	55B
OPERATING TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
FILLING DENSITY	MAX 0.667KG/LTR	MAX 0.667KG/LTR	MAX 0.667KG/LTR
EMPTY WEIGHT (KG)	6.2	9	11
COMPLETE WEIGHT (KG)	9	12.8	16.8
OVERALL HEIGHT (MM)	575	530	715
DIA OF CYLINDER (MM)	108	140	140
MIN. RANGE OF DISCHARGE (MTR)	2 MTR	2 MTR	2 MTR
DISCHARGE PERCENTAGE (MIN)	95%	95%	95%
MIN. DURATION OF DISCHARGE (SEC)	9 SEC	9 SEC	9 SEC
TEST PRESSURE	250KG/CM ²	250KG/CM ²	250KG/CM ²
WORKING PRESSURE	150KG/CM ²	150KG/CM ²	150KG/CM ²
CYLINDER BODY	SEAMLESS IS: 7285	SEAMLESS IS: 7285	SEAMLESS IS: 7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO ₂ GAS	CO ₂ GAS	CO ₂ GAS
EXPPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 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 form 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 0.667KG/LTR	MAX 0.667KG/LTR	MAX 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 DISCHARGE (MTR)	3.5 MTR	4 MTR	4 MTR
DISCHARGE PERCENTAGE (MIN)	95%	95%	95%
MIN. DURATION OF DISCHARGE (SEC)	17 SEC	27 SEC	58 SEC
TEST PRESSURE	250KG/CM ²	250KG/CM ²	250KG/CM ²
WORKING PRESSURE	150KG/CM ²	150KG/CM ²	150KG/CM ²
CYLINDER BODY	SEAMLESS IS: 7285	SEAMLESS IS: 7285	SEAMLESS IS: 7285
OPERATING VALVE	WHEEL TYPE	WHEEL TYPE	WHEEL TYPE
EXTINGUISHING MEDIA	CO ₂ GAS	CO ₂ GAS	CO ₂ GAS
EXPPELLANT	SELF	SELF	SELF
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5
TROLLEY WHEEL	RUBBER SOLING WHEEL	RUBBER SOLING WHEEL	RUBBER SOLING WHEEL
APPROVAL	BIS	BIS	BIS



CARBON DIOXIDE

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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

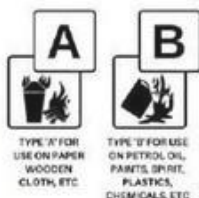


MODEL	UFSS W45
Capacity IN LTR	45
IS SPECIFICATION	IS 16018
FIRE RATING	20A
OPERATING TEMPERATURE	+5°C to +55°C
CO2 GAS CARTRIDGE / CYLINDER	250 GMS
EMPTY WEIGHT (KG)	34
COMPLETE WEIGHT (KG)	79
OVERALL HEIGHT (MM)	1085
DIA OF CYLINDER (MM)	300 + 25
MIN. RANGE OF DISCHARGE (MTR)	6 MTR
DISCHARGE PERCENTAGE (MIN)	MIN 90%
MIN. DURATION OF DISCHARGE (SEC)	30 SEC
TEST PRESSURE	50KGF/CM ²
WORKING PRESSURE	17KGF/CM ²
EXTINGUISHING MEDIA	WATER
EXPELLANT	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS



MECHANICAL FOAM WHEELED TYPE FIRE EXTINGUISHER (TROLLEY MOUNTED)

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 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



TROLLEY MOUNTED

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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 TEMPERATURE	+5°C to +60°C	+5°C to +60°C
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 THAN 80 BAR		
EXTINGUISHING MEDIA	WATER	WATER
EXPELLANT	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS

IS 15683:2018



CM/L NO: 7700005414

WATER CO2 SQUEEZE GRIP GAS CARTRIDGE TYPE FIRE EXTINGUISHER

SUITABLE FOR CLASSES OF FIRE



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

MODEL	UFSS WC6	UFSS WC9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	2A	3A
OPERATING TEMPERATURE	+5°C to +60°C	+5°C to +60°C
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 ± 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	WATER	WATER
EXPELLANT	CO2	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5
APPROVAL	BIS	BIS



IS 15683:2018



CM/L NO: 7700005414

WATER BASED

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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.

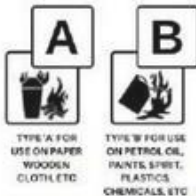
SUITABLE FOR CLASSES OF FIRE



MODEL	UFSS M6	UFSS M9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING TEMPERATURE	+5°C to +60°C	+5°C to +60°C
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 THAN 80 BAR		
EXTINGUISHING MEDIA	AFFF IS 4989	AFFF IS 4989
EXPELLANT	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 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.



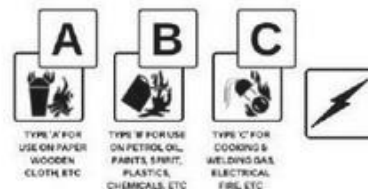
MODEL	UFSS MC6	UFSS MC9
Capacity IN LTR	6	9
IS SPECIFICATION	IS 15683	IS 15683
FIRE RATING	3A, 89B	4A, 144B
OPERATING TEMPERATURE	+5°C to +60°C	+5°C to +60°C
CO2 GAS CARTRIDGE	90 GMS	120 GMS
EMPTY WEIGHT (KG)	3	4.5
COMPLETE WEIGHT (KG)	9	14
OVERALL HEIGHT (MM)		
DIA OF CYLINDER (MM)	160 ± 10	175 ± 10
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 536 OF IS-5	SHADE 538 OR 536 OF IS-5
APPROVAL	BIS	BIS

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

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 form like Oxygen, Acetylene, LPG & CNG

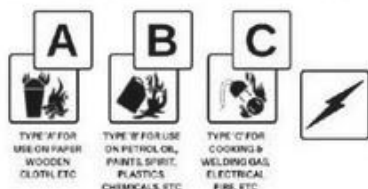
SUITABLE FOR CLASSES OF FIRE



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 TEMPERATURE	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C
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	35KG/CM ²	35KG/CM ²	35KG/CM ²
WORKING PRESSURE	15KG/CM ²	15KG/CM ²	15KG/CM ²
BURST PRESSURE	55KG/CM ²	55KG/CM ²	55KG/CM ²
EXTINGUISHING MEDIA	HFC236fa	HFC236fa	HFC236fa
EXPellant	NITROGEN	NITROGEN	NITROGEN
FINISH / PAINTING	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 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 the market. Automatic round the clock protection. Provide Securities in case of emergencies and power failure without power backup

MODEL	UFSSMDCL2	UFSSMDCL5	UFSSMDCL10	UFSSMDCL15
CAPACITY IN KG	2	5	10	15
PROPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	HFC 236fa	HFC 236fa	HFC 236fa	HFC 236fa
WORKING PRESSURE	7 TO 15 KG/CM ²	7 TO 15 KG/CM ²	7 TO 15 KG/CM ²	7 TO 15 KG/CM ²
TESTING PRESSURE	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	35 KG/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 M ²	1 TO 1.5m ²	3.5 TO 4m ²	7 TO 8m ²	8 TO 10m ²
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 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5	SHADE 538 OR 536 OF IS:5

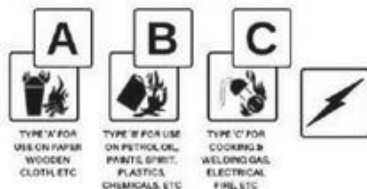


CLEAN AGENT

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

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.

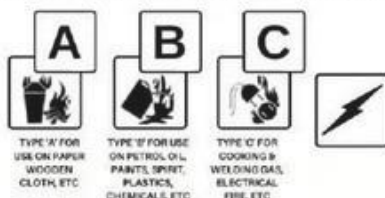
Sodium Bicarbonate based dry chemical powder suitable for 'B' & 'C' classes of fire involving material like Petrochemical products, Paints, Resins, Pigments, Varnish, Gases in the compressed from like Oxygen, Acetylene, LPG & CNG



MODEL	UFSS ABC25-I & UFSS BC25-I	UFSS ABC25 & UFSS BC25	UFSS ABC50 & UFSS BC50	UFSS ABC75 & UFSS BC75
CAPACITY IN KG	25	25	50	75
IS SPECIFICATION	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	20A, 233B & 233B	20A, 233B & 233B	20A, 233B & 233B	20A, 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 CARTRIDGE	650 GMS CARTRIDGE	1450 GMS CARTRIDGE	1800 GMS CARTRIDGE
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)	5 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 IS-4308 (MAP) & (BC)	DRY POWDER IS-4308 (MAP) & (BC)	DRY POWDER IS-4308 (MAP) & (BC)	DRY POWDER IS-4308 (MAP) & (BC)
EXPELLANT	CO2	CO2	CO2	CO2
FINISH / PAINTING	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 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
PROPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN
EXTINGUISHING MEDIA	MAP - IS 4308	MAP - IS 4308	MAP - IS 4308	MAP - IS 4308
WORKING PRESSURE	7 TO 15 KGF/CM ²	7 TO 15 KGF/CM ²	7 TO 15 KGF/CM ²	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 M ²	1 TO 1.5m ²	3.5 TO 4m ²	7 TO 8m ²	8 TO 10m ²
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 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5	SHADE 538 OR 536 OF IS-5



DRY CHEMICAL POWDER

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

CARBON DIOXIDE GAS CARTRIDGES

MODEL	UFSSCO40	UFSSCO60	UFSSCO90	UFSSCO120	UFSSCO200	UFSSCO250	UFSSCO300
CAPACITY IN GMS	40	60	90	120	200	250	300
IS SPECIFICATION	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947	IS 4947
EMPTY WEIGHT (GMS)	370	500	660	880	1280	1110	1325
FULL WEIGHT (GMS)	410	560	750	1000	1480	1360	1625
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 TEMPERATURE	+5°C to +55°C
EMPTY WEIGHT (KG)	1.8
COMPLETE WEIGHT (KG)	7.8
OVERALL HEIGHT (MM)	505 MM
DIA OF CYLINDER (MM)	150 ± 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

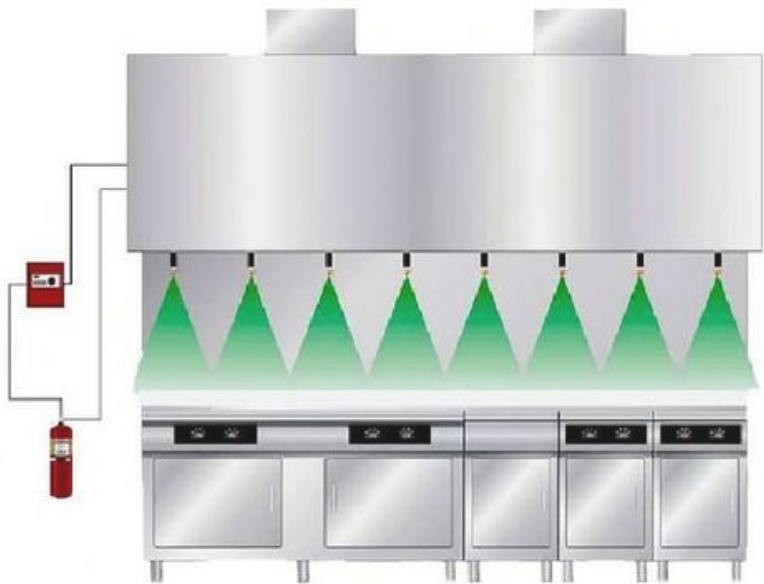
WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

D CLASS SS BODY STORED PRESSURE TYPE

A.	GENERAL	STORED PRESSURE TYPE 6 KG	STORED PRESSURE TYPE 9 KG
1	MANUFACTURER	Breakfire Engineering	Breakfire Engineering
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 TEMPERATURE	-30°C TO +60°C	-30°C TO +60°C
10	DIA OF CYLINDER	150 ± 10	175 ± 10
11	FULL WEIGHT	10.6 KG	15.3 KG
12	OVERALL HEIGHT	955 MM	1174 MM
13	PERCENTAGE DISCHARGE	MIN 90%	MIN 90%
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 SYSTEMS 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 BEDISCHARGED 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 Kg/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 Kg/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
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	Phosphorus Wire - IS:7608	Stainless Steel - IS:6528
Gland Packing - Asbestos Thread	IS:4687 (Type - 3)	IS:4687 (Type - 3)	IS:4687 (Type - 3)



WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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		SIZE / INCH	MM
Sizes	DN50...DN200	1 1/2	40
Nominal Pressure	PN16	2	50
Medium Temperature	-10°C to +110°C Maximum	2 1/2	65
Body Material	IS: 210, Gr FG 200	3	80
Stem Material	ASTM A276, GR SS 410	4	100
Disc Material	Epoxy Coated Ductile Iron Disc	5	125
Lever	CRCA Sheet	6	150
Leakage Rate	No Visible Leakage	8	200
Medium Type	Water	10	250
Flange Standard	IS: 1538	12	300
Shell Test Pressure	24bar		
Seal Test Pressure	17bar		

HYDRANT EQUIPMENT

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

HOSE REEL (FIRST AID) HOSE REEL FOR FIRE FIGHTING)

Technical Specifications

Type: Wall Mounted Fixed / Swing Type

Size:

Inlet - 1" Threaded Inlet Connection

Outlet - ¾" / 1" / 1 ½" 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./cm ²	Burst Pressure Kg./cm ²	Mass WL. (Gm / Mtr)
1 ½"	38.0	21.4	35.7	275
2	50.0	21.4	35.7	350
2 ½"	63.0	21.4	35.7	425
2 ½"	70.0	21.4	35.7	480



WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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 for 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./cm ²	Burst Pressure Kg./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
3"	70.0	21.4	35.7	480

CP FIRE HOSE – CONTROLLED PERCOLATING FIRE HOSE

Confirming Specification: IS 8423/1994, ISI Marked

This Controlled Percolating Hose is used 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./cm ²	Burst Pressure Kg./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
3"	70.0	21.4	35.7	480



WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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



STAND POST TYPE WATER MONITOR

Application

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

TECHNICAL SPECIFICATION	
Design & Constructor	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



WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

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
Type	Double Door
Dimensions	750 x 600 x 250 (mm)
Body	CRC Sheet
Glass	Transparent Acrylic 3mm Thickness
CRC Sheet Thickness	18swg / 16swg / 14seg
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°

HYDRANT EQUIPMENT

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

HYDRANT EQUIPMENT



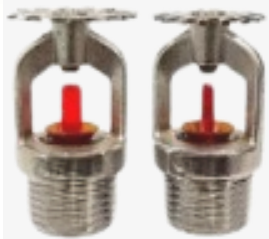
AIR RELEASE VALVE

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.

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



ELECTRONIC HOOTER

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.

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

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.

WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

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 EXTINGUISHING 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 TYPE OF FIRE EXTINGUISHING AGENT THAT IS ELECTRICALLY NON-CONDUCTIVE, VOLATILE, OR GASEOUS, AND THAT DOES NOT LEAVE A RESIDUE UPON EVAPORATION. CLEAN AGENT FIRE SUPPRESSION SYSTEMS MAKE USE OF AN INERT GAS OR CHEMICAL THAT IS STORED IN A CONTAINER AND DISCHARGED WHEN A FIRE IS DETECTED.

WE ARE THE BEST IN TERMS OF SAFETY AND CUSTOMER SERVICE

GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



FIRE HYDRANT SYSTEM

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.





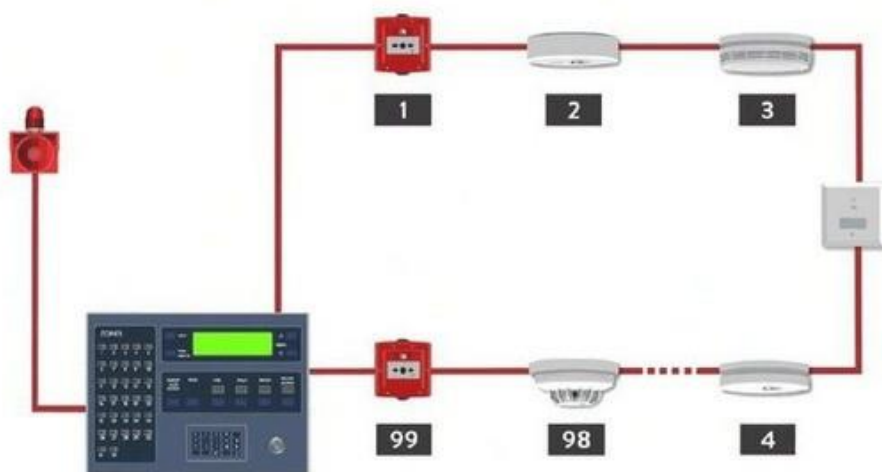
WE ARE THE BEST IN TERMS OF **SAFETY AND CUSTOMER SERVICE**

GAS SUPPRESSION SYSTEMS / FIRE ALARM / DETECTION



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

