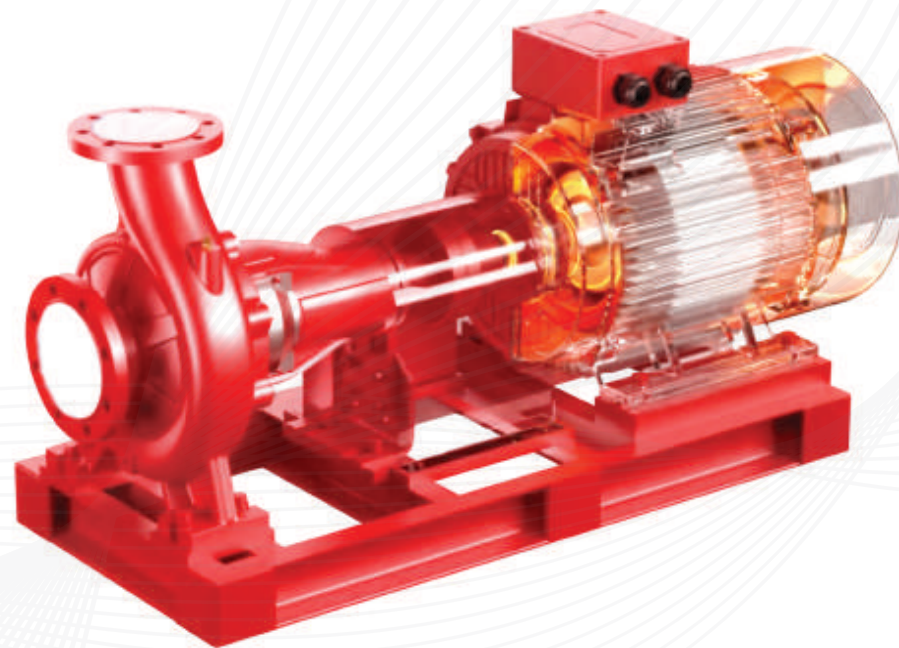


BFST
BANGLADESH FIRE SAFETY TECHNOLOGY.

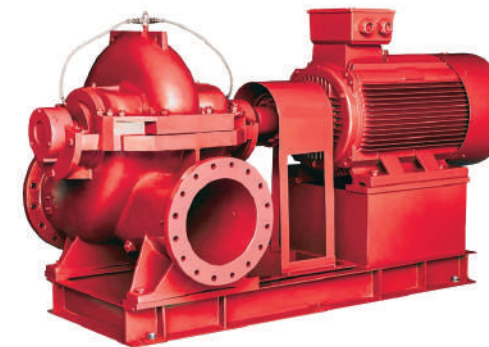
DIXON FIRE PUMP
reliable pumps for your project



DIXON FIRE PUMP AND EQUIPMENT CATALOGUE



EN-1092-2



DIXON FIRE PUMP

📍 122, M.M.P Electric Market,
Nawabpur Road, Dhaka-1100.
☎ +88-02-226641458, 01977717705, 01684771541
✉ info@bfst24.com, bfst.bd@gmail.com
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📍 Building 005, Dongqiao Road, Daxi
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☎ +86-(0)-13290736003
✉ info@dixonfirepump.com
🌐 www.dixonfirepump.com

OUR COMPANY PROFILE

Bangladesh Fire Safety Technology (BFST) started operation in Bangladesh with a office since 2010. DIXON BRAND was registered officially by the Bangladesh Government for Bangladesh Fire Safety Technology (BFST) in 2014 and started the operation. The Business of Bangladesh Fire Safety Technology has been started with Yeschamp since 2010 in the department of Building Service & Industrial Division to provide Fire pumps and system engineering service to our customers. Business activities has been expanded and it is still evolving covering standard and sustainable products. The business territory also have changed and presently covering Malaysia, Sri lanka and Bangladesh for standard products business.

DIXON Fire pump and fire fighting equipment made by Yeschamp has been operation always remain vital as Malaysia and Bangladesh is a strategic position in South East Asia having an open market and trade here.

Bangladesh fire safety Technology and Yeschamp division started in early 2010 with the aim to service the growing Fire fighting equipmen industry. It has since grown from a small section to a full division with facilities for Fire pumps. Now our business covers whole area of South East Asia countries.

Bangladesh Fire Safety Technology (BFST) will continue supporting our customers in Building Service & Industrial Division and business too.



We are committed to the exploration of pump industry and provide professional product solutions for customers

Our products sell well all over the world, have registered trademarks, have passed International safety certification in many countries, and have a number of patented technologies.



CAPACITY

Bangladesh Fire Safety Technology have professional Engineer and Technician team, 30 + workers.



PRODUCTS

Bangladesh Fire Safety Technology is committed to provide top quality products and integrated solutions related to Design, Engineering, Installation, Maintenance, Testing.



STANDARDS

Bangladesh Fire Safety Technology is committed to implement an effective quality, safety and environment management system in line with UDEM, CE, EN, BS and International Standards.



OUR SERVICE

Bangladesh Fire Safety Technology have experienced service team which can provide one-stop service from quotation, orders to certificates and freight.

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TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	PSD
Capacity/Caudal/Débit	0-1000 m ³ /h
Head/Altura/Hauteur	0-164 m
DN	32-150 mm
Speed/Velocidad/Vitesse	3000 rpm
T max	120 °C
Power/Potencia/Puiss.	6.3-300 kW
Casing/Cuerpo/Corps	Grey cast iron Hierro fundido gris Fonte grise
Impeller/Impulsor/Roue	AISI 304/Brass Inox304/Bronce Inox 304/Laiton
Shaft/Eje/Arbre	AISI 304 Inox304 Inox304
Shaft seal/Sello/Scellé	Mechanical Seal Sello mecánico Garniture mécanique
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricación con grasa Roulement lubrification à la graisse

Diesel engine Driven Pump



Pump Model	kw	hp	rpm	Flow	Head(m)
PSD 65-250/370	42	58	3000	350 GPM	87
PSD 65-315/450	45	60	3000	500 GPM	90
PSD 65-315/550	55	75	3000	500 GPM	111
PSD 65-315/750	75	100	3000	500 GPM	132
PSD 65-315/900	90	125	3000	500 GPM	141
PSD 80-315/550	55	75	3000	750 GPM	86
PSD 80-315/750	75	100	3000	750 GPM	110
PSD 80-315/900	90	125	3000	750 GPM	130
PSD 80-315/1100	110	150	3000	750 GPM	140
PSD 100-315/900	90	125	3000	1000 GPM	90
PSD 100-315/1100	110	150	3000	1000 GPM	110
PSD 100-315/1320	125	170	3000	1000 GPM	121
PSD 100-315/1600	165	225	3000	1000 GPM	140
PSD 125-315/1320	132	160	3000	1250 GPM	93
PSD 125-315/1600	165	225	3000	1250 GPM	103
PSD 125-315/1850	185	250	3000	1250 GPM	120
PSD 125-315/2000	200	270	3000	1750 GPM	130
PSD 125-315/2000	200	270	3000	2500 GPM	110

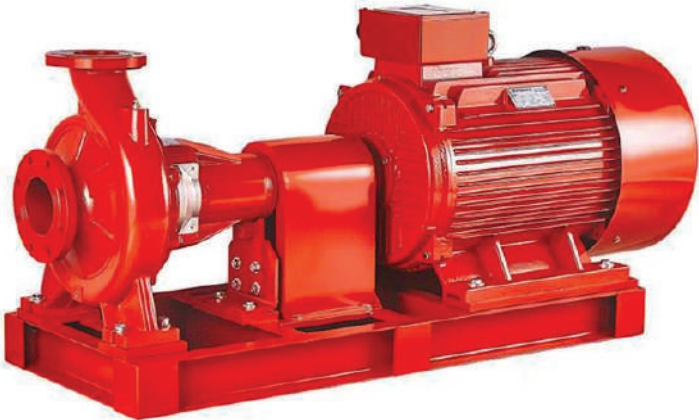
DIXON FIRE PUMP

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TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	PSM	
Capacity/Caudal/Débit	0-1000	m³/h
Head/Altura/Hauteur	0-164	m
DN	32-150	mm
Speed/Velocidad/Vitesse	2900	rpm
T max	120	°C
Power/Potencia/Puiss.	1.5-315	kW
Casing/Cuerpo/Corps	Grey cast iron Hierro fundido gris Fonte grise	
Impeller/Impulsor/Roue	AISI 304/Brass Inox304/Bronce Inox 304/Laiton	
Shaft/Eje/Arbre	AISI 304 Inox304 Inox304	
Shaft seal/Sello/Scellé	Mechanical Seal Sello mecánico Garniture mécanique	
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricación con grasa Roulement lubrification à la graisse	

Electric Motor Driven Pump



Pump Model	kw	hp	rpm	Flow	Head(m)
PSM 65-250/370	37	50	2950	350 GPM	87
PSM 65-315/450	45	60	2950	500 GPM	90
PSM 65-315/550	55	75	2950	500 GPM	110
PSM 65-315/750	75	100	2950	500 GPM	130
PSM 65-315/900	90	125	2950	500 GPM	140
PSM 80-315/550	55	75	2950	750 GPM	81
PSM 80-315/750	75	100	2950	750 GPM	110
PSM 80-315/900	90	125	2950	750 GPM	130
PSM 80-315/1100	110	150	2950	750 GPM	140
PSM 100-315/900	90	125	2950	1000 GPM	90
PSM 100-315/1100	110	150	2950	1000 GPM	108
PSM 100-315/1320	132	180	2950	1000 GPM	120
PSM 100-315/1600	160	220	2950	1000 GPM	138
PSM 125-315/1320	132	160	2950	1250 GPM	93
PSM 125-315/1600	160	220	2950	1250 GPM	109
PSM 125-315/1850	185	250	2950	1350 GPM	122
PSM 125-315/2000	200	270	2950	1750 GPM	133
PSM 125-315/2000	200	270	2950	2500 GPM	110

DIXON FIRE PUMP

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TECHNICAL SHEET/HOJA TÉCNICA/FICHE TECHNIQUE

Model/Modelo/Modèle	PVT/S	
Capacity/Caudal/Débit	0-110	m³/h
Head/Altura/Hauteur	0-305	m
DN	25-100	mm
Speed/Velocidad/Vitesse	2900	rpm
T max	120	°C
Power/Potencia/Puiss.	0.37-45	kW
Voltage/Voltaje/Tension	220/380/400/440	V
HZ	50	
Class/Clase/Classe	Class F/IP 55	
Duty/Servicio/Devoir	S1 continuous	
Casing/Cuerpo/Corps	Grey Cast Iron Hierro fundido gris Fonte grise	
Impeller/Impulsor/Roue	AISI304 Inox304 Inox304	
Shaft/Eje/Arbre	AISI304 Inox304 Inox304	
Shaft seal/Sello/Scellé	Mechanical Seal Sello mecánico Garniture mécanique	
Bearing/Rodamiento/Palier	Grease lubrication rolling bearing Rodamientos lubricación con grasa Roulement lubrification à la graisse	

Vertical multistage Jockey pump

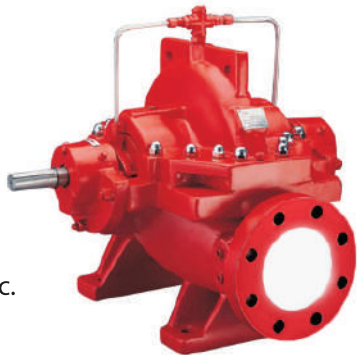


Pump Model	kw	hp	rpm	Flow	Head(m)
PVT 4-12	2.2	3	2900	17.6 GPM	95
PVT 4-16	3	4	2900	20 GPM	129
PVT 4-19	4	5.5	2900	26.4 GPM	122
PVT 4-22	4	5.5	2900	26.4 GPM	138
PVT 8-14	5.5	7.5	2900	40 GPM	122
PVT 8-18	7.5	10	2900	52.9 GPM	120
PVT 8-20	7.5	10	2900	52.9 GPM	135

Double suction split case pump

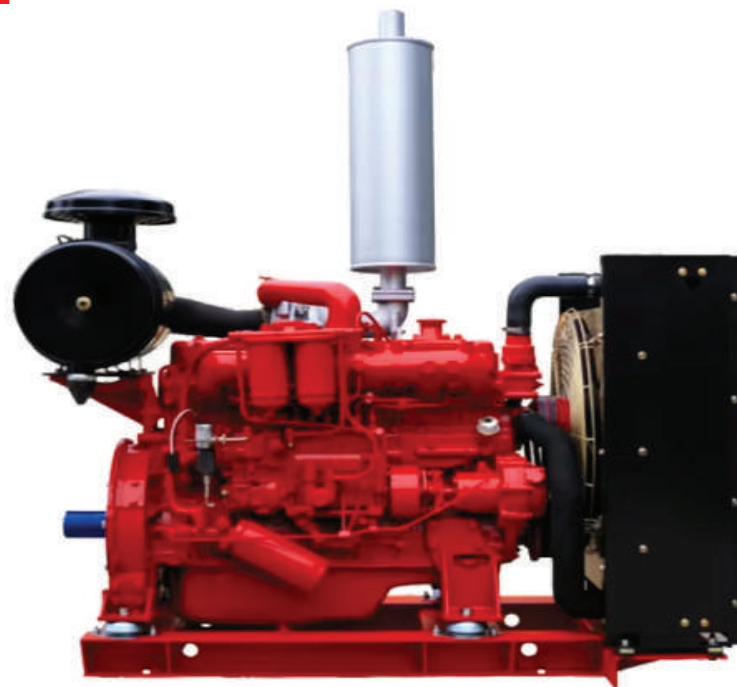
DESCRIPTION

- Axially split volute pump casing design
- Pump case with anti-corrosive coating HT250
- Double-entry radial impeller in AISI 304 or HT250
- Shaft protecting sleeves in the seal area
- Mechanical seal and gland packing are both available
- Grease-packed rolling element bearings sealed for life
- Reliable complete with motor or diesel for fire fighting etc.



Pump Model	kw	hp	rpm	Flow	Head(m)
PSCD 80-270A	75	100	2900	500 GPM	100
PSCD 100-310A	90	125	2900	750 GPM	100
PSCD 100-310A	110	150	2900	750 GPM	120
PSCD 100-310A	110	150	2900	1000 GPM	100
PSCD 100-310A	132	180	2900	1000 GPM	120
PSCD 100-310A	132	180	2900	1250 GPM	100
PSCD 100-310A	160	220	2900	1251 GPM	120

Diesel engine



Electric Motor



Engine Model	kw	hp	rpm	Motor Model	kw	hp	rpm
SDBW/ 490N	42	58	3000	YE3-200L1-2	30	40	2900
SDDW/4JDE	45	60	3000	YE3-200L2-2	37	50	2900
SDDEZ/4JDE	58	77	3000	YE3-225M-2	45	60	2900
SDDEZL/4JDE	75	100	3000	YE3-250M-2	55	75	2900
SDBMZ/4108TL	90	125	3000	YE3-280S-2	75	100	2900
SDFWZL/(6102NT)	110	150	3000	YE3-280M-2	90	125	2900
SDFWZL/(6102T)	125	167	3000	YE3-315S-2	110	150	2900
SDFWZL-1	135	181	3000	YE3-315M-2	132	180	2900
6102TL	165	225	3000	YE3-315L1-2	160	220	2900
6126T	200	270	3000	YE3-315L2-2	200	270	2900
6126TL	250	335	3000	YE3-355M-2	250	240	2900

TECHNICAL DATA

MODEL	4X3-208-10 DV
OUTLET DIA. (MM)	100 (4 INCH)
INLET DIA. (MM)	65 (2.5 INCH) *2
DISCHARGE CAPACITY(GPM)	500
MAX LIFT (M)	90
SUCTION (M)	7
PILOTING TYPE	EXHAUST
ENGINE	TWO-CYLINDER, FOUR STROKE AIR-COOLED, DIESEL ENGINE
ENGINE MODEL	2V95
POWER (HP)	30
DISPLACEMENT (ML)	1247
SPEED (RPM)	3600
START TYPE	ELECTRIC STARTER WITH SELF PRIMING
FUEL CAPACITY (L)	12.5
OIL CAPACITY (L)	3.5
NET WEIGHT (KG)	200
MEAS(MM)	1030*850*960

PORTABLE HIGH PRESSURE DIESEL PUMP



MODEL	DP30HCIE	DP30HL/E
SUCTION DISCHARGE PORT DIAMETER (MM)	INLET:80(3") OUTLET:80(3")	INLET:80(3") OUTLET:1X1.5"+1X2"+1X2.5"
DISCHARGE CAPACITY(GPM)	250	250
LIFT HEAD(M)	90	70
SUCTION HEAD(M)	8	8
PRIMING TIME(S/M)	250	200
ROTATION SPEED(RPM)	3600	3600
ENGINE	196FA	186FA
POWER(KW)	8.6	6.6
DISPLACEMENT(L)	499	0.418
FUEL TANK CAPACITY(L)	5.5	5.5
FUEL CONSUMPTION(G/KWH)	285	275
STARTING SYSTEM	MANUAL OR ELECTRICAL START	MANUAL OR ELECTRICAL START
PACKING SIZE(MM)	580X460X565	660X480X610
NET WEIGHT(KG)	90KG	65KG



DIXON FIRE PUMP

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2 Way Breeching Inlets



Brand: DIXON
Model: SSGT-2W
Feature and Benefits

- Complied with BS 5041: Part 3 1975
- Approval: SETSCO
- Designed with 42.5 non-return male instantaneous inlet.
- Outlet flange of @150min.
- Flange standard: PN15 or 150LBS

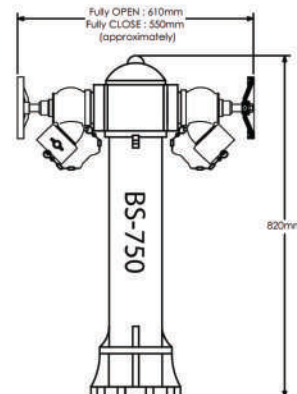
4 Way Breeching Inlets



Brand: DIXON
Model: SSGT-4W
Feature and Benefits

- Complied with BS 5041. Part 3. 1975
- Approval: SETSCO
- Designed with 2 2.5 non return male instantaneous inlet
- Inlet complies to BS 336 2010
- Outlet flange of @100mm.
- Flange standard: PN16 or 150LBS

2 Way Pillar Hydrant



SPECIFICATION

Item	Description
Brand:	DIXON
Material	Body - Cast Iron to BS 1561
Inlet	Valve - Copper Alloy to BS 1982
Outlet	Hand Wheel - Cast Iron to BS EN 1561
Flange	4" BS 4504
Working Pressure	336 Female Instantaneous
Test Pressure	(4") 100mm Table E BS 10
Finishing	16 bar
Applicable Standards	22.5 bar
	Red and Yellow (Optional)
	BS 5041-1:1987

DIXON FIRE PUMP

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Jet Spray & Fog Nozzle



Brand: **DIXON**
Feature and Benefits
UL Listed.
Material: Brass
supplied with bumper
LIS
delivers 30° - 60° - 90° fog pattern - shut-off - straight stream - fog
for use up to 100 PSI (water only)
U/L listed and Factory Mutual approved
for class A and B fires (except noted *)

Model	I.D (Inch)	Service Test Pressure (PSI)	Burst Pressure (PSI)
BFN150*	1.5"	200, 250	450, 600
BFN250*	2.5"	250	690



Brand: **DIXON** Feature and Benefits
Light alloy lever control on/off jet/spray
Operating pressure 100 PSI (Maximum)
Discharge 130~250 GPM (Maximum) at 100 PSI
Size: Ø 1½" and 2½"
Available Threaded Inlet BSP Female or NST Female
Options
BSP or NST to B5336 male adaptor (on demand)



Feature and Benefits
Material: plastic
Inlet: F 1.5" NH
Outlet: © 20
Working Pressure: 13Bar
Pressure Test: 16bar

Landing valve



Brand: DIXON
Model: 4V250
Feature and Benefits

- Complied with BS 5041-1: 1987
- Inlet. 2.5 BSP Male tapered screw
- Outlet commuties to BS 336
- Material: Brass/ Zinc Alloy

Landing valve



Brand: DIXON
Model: HVF250
Feature and Benefits

- Complied with BS 5041-1: 1987
- Inlet: 2.5 or 3 AVSI Flange
- Flange Thickness: 22mm/16mm
- Material Brass

Single Jacket Fire Hose



Brand: DIXON
Feature and Benefits

- This fire hose is an all polyester single jacket interior protection hose with EPDM liner, for building and plants.
- Low friction loss for maximum flow. Strong, compact and practical and will fit on most hose storage device.
- Coupling: all international couplings on request.

ID (Inch)	Service Test Pressure (PSI)	Burst Pressure (PSI)
1.5"	200, 250	450, 600
2.5"	250	600



Global Brass Angle Hose Valves



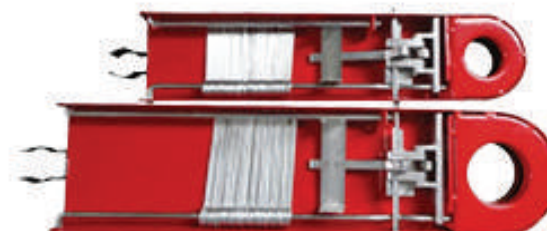
Brand: DIXON
Feature and Benefits

- UL Listed.
- Material: Brass
- Inlet: 1.5" NPT Female Thread.
- Outlet: 1.5" BSPT Female Thread.
- Working pressure: 300 psi
- Testing pressure: 600 psi.
- Service Range: 20 ~ 200 psi

Model	(Size)	Valve Lift
A V150	1.5"	25.44 mm
AV250	2.5"	44.5 mm



Hose Rack



DIXON Fire Hose Rack model is manufactured with standard Thickness of 1.5 mm.

DIXON Hose Rack Assembly is available with 1 1/2" inlet with Maximum Service Pressure 175 PSIG Standard and 150 PSIG Optional

Semiautomatic Hose Rack has been designed to use with stand pipe systems of 1 1/2" & 2 1/2" with 1 1/2" lined fire hose of 100ft max, The Racks are made of mild steel which is powder coated red textured, RAL 3000, Nozzle holding brk: Powder Coated Black RAL9005 also other Internal parts are made with stainless steel as standard.

OS & Y Type Gate Valve

Working pressure:

21 BARS/300PSI

Temperature: from -10°C to 120°C Fusion bonded epoxy coated interior and exterior RAL3002

Flanged Ends:

ANSI B16.1 Class125/150, EN1092-2 PN10/PN16 BS10 Table D/Table E

Materials List. UL LISTED/ NON UL

Name	Material
Body	Ductile Iron ASTM A536 65-45-12
Wedge	Ductile Iron ASTM A53665-45-12+EPDM
Wedge Nut	Stainless Steel AISI 304
Stem	Stainless Steel AISI304/420
Bonnet	Ductile Iron ASTM A536 65-45-12
Gasket	EPDM
Packing	Graphite
Stem Nut	Bronze ASTM B62
Handwheel	Ductile Iron ASTM A53665-45-12

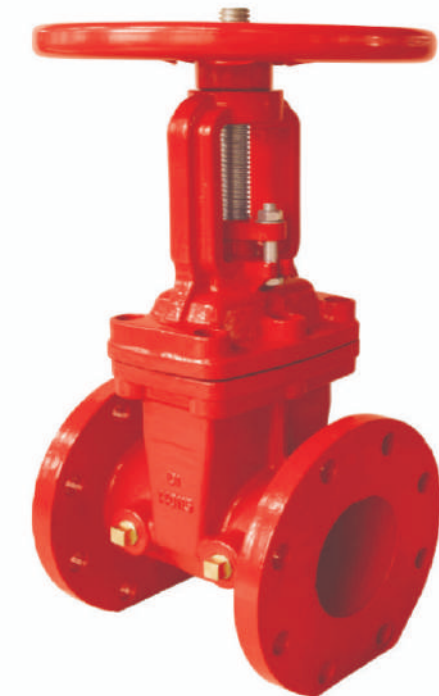
Dimensions (inch/mm):

Size	2"/50	2.5"/65	3"/80	4"/100	5"/125	6"/150	8"/200	10"/250	12"/300
L	7.01/178	7.50/191	8.00/203	9.00/229	10.0/254	10.50/267	11.50/292	13.00/330	14.00/356
H	16.18/411	16.18/411	18.19/462	20.24/514	24.76/629	27.91/709	36.18/919	43.94/1116	51.18/1300
D	7.20/183	7.20/183	9.96/253	9.96/253	12.05/306	12.05/306	13.98/355	17.52/445	17.52/445

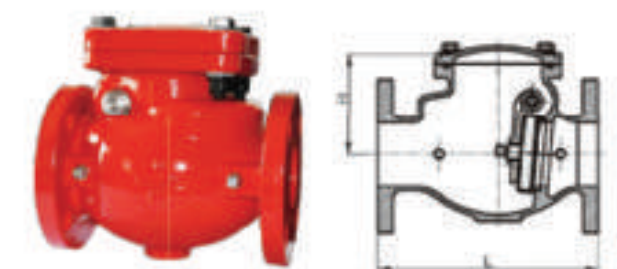
Materials List . UL LISTED/ NON UL

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Clapper	Ductile Iron	A536 65-45-12+EPDM
Clapper Arm	Ductile Iron	A536 65-45-12
Hinge Pin	Stainless Steel	AISI 304
Seat	Bronze	ASTM B62
	Stainless Steel	AISI 304

Size	2"150	2.5"/65	3"/80	4"/100	5"/125	6"/150	8"/200	10"/250	12"/300
L	8/203	10/254	11/279	13/330	14/356	16/406	19.5/495	22/559	26/660
H	4.60/117	5.04/128	5.21/132.5	8.76/222.5	11.42/290	11.69/297	14.37/365	16.34/417.5	17.83/453



Fireriser® Swing Check Valve



DIXON FIRE PUMP

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Working pressure

21 BARS/300PSI

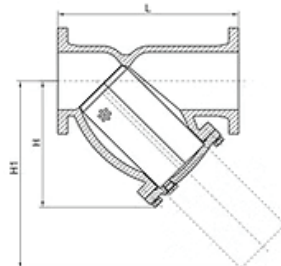
Temperature: from -10°C to 120°C

Fusion bonded epoxy coated RAL3002

Materials List. UL LISTED/ NON UL

Component	Material	Specification
Body	Ductile Iron	A536 65-45-12
Cover	Ductile Iron	A536 65-45-12
Screen	Stainless Steel	AISI 304
Gasket	EPDM	
Plug	Carbon Steel	

Fireriser® Y Strainer



Size	2"/50	2.5"/65	3"/ 80	4"/100	5"/125	6"/150	8"/200	10"/200	12"/300
L	7.99/203	10.00/254	10.24/260	12.13/308	15.67/398	18.58/472	21.65/550	25.75/654	30.00/762
H	5.20/132	6.22/150	6.89/175	7.99/202	11.42/290	13.15/334	15.39/391	18.11/460	23.23/590
D	7.68/195	9.45/240	10.63/270	12.60/320	16.73/425	19.49/495	22.44/570	27.56/700	33.07/840

Flexible Joint

Features

- Connection Ends: Flange to BS EN 1092-2:1997
- Working Pressure: PN10/16
- Temperature Range: -10-115
- Vacuum Capacity 700MM/HG
- Size: Available size client's requirements.



DUCTILE IRON FLANGED FOOT VALVES

Technical Features:

- Disc Check Valve
- Body Valve: Epoxy Coated GGG40 Ductile Iron
- Flanged Ends According to DIN 2501 PN16
- Seal: EPDM
- Stem and Guide: Ductile Iron



Size (Inches)	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
DN (mm)	50	65	80	100	125	150	200	250	300

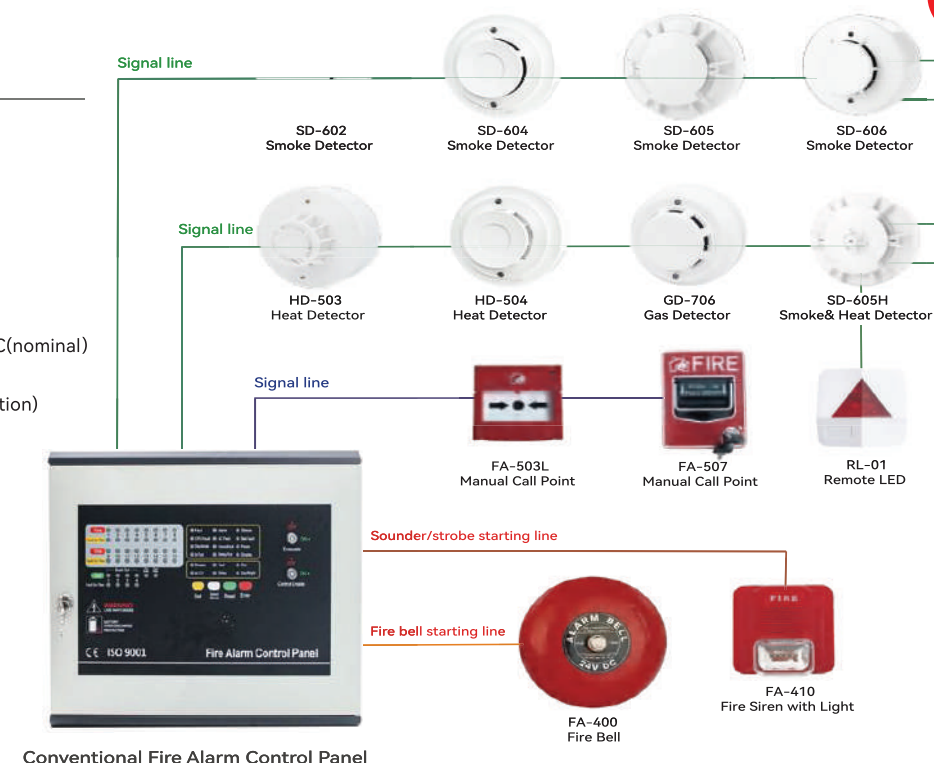
DIXON FIRE PUMP

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Conventional Fire Alarm System

Fire Alarm Control Panel

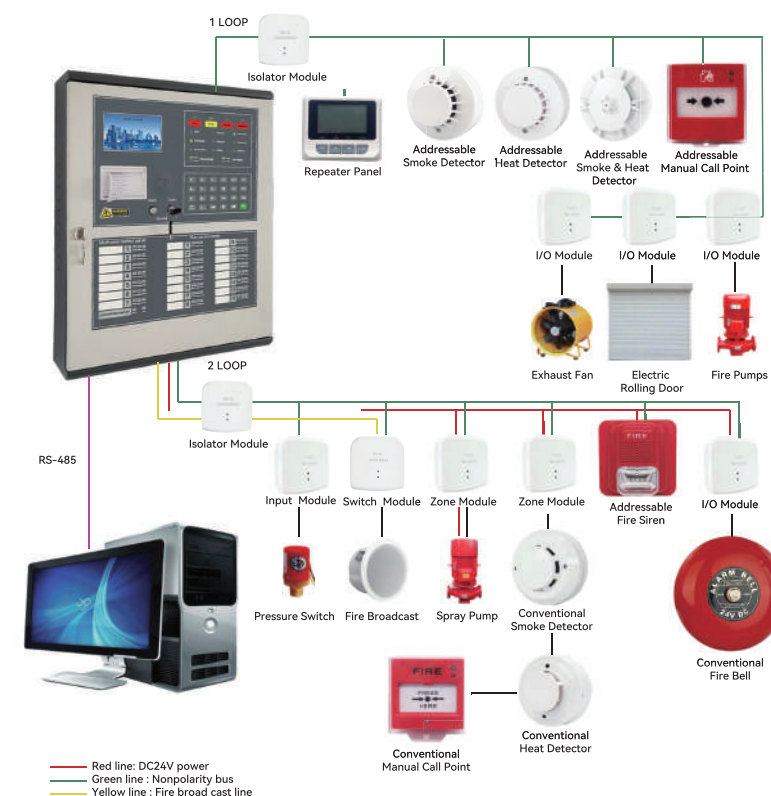
- Zone numbers: 1-32 zones
- AC input: 110V~220V
- Battery type: 2x12V/7AH
- Max number of devices per zone: 20pcs
- End of line resistor: 4.7kΩ
- DC output: 29V
- Alarm output: Relay output
- Max siren output current: 4x500mA@24VDC(nominal)
- Operating temperature: -10°C ~50°C
- Operating humidity: ≤ 95%RH(no condensation)
- Dimension: L400*W105*H350mm



Addressable Fire Alarm System

Addressable Fire Alarm Control Panel

- Supply voltage: AC 220V(110~242V) @ 50/60Hz
- Operating voltage: DC 21V modulating
- Capacity of main power supply: 28.5V/14A
- Linkage power output: 28.5V/3A
- Battery: 7AH/12V,2pcs
- Max current output for conventional siren: 500mA
- Battery fuse: 5A
- AC supply fuse: 5A
- Number of addresses: 2*220
- Operating temperature: 0°C~50°C
- Operating humidity: ≤ 95%(no condensation)
- Degree of protection: IP20
- Material: Metal
- Dimension: L400*W500*H115 mm
- Net weight: 11Kg (with batteries)



Our Other Product



Electric Motor Controller



Diesel Engine Controller



Jockey Pump Controller



Battery Charger - 24 V



Battery Charger - 12 V



Sprinkler



Alarm Check Valve



Fire Pump Control Panel



Butterfly Valve with Supervisory Switch



Flow Switch



Pressure Switch



Flow Meter



supervisory-tamper-switch



Air Release Valve



Pressure Reducing Valve



Pressure Relief Valve



UL listed Fire Alarm cable



Hose Rack Nipple



Pressure Gauge

DIXON FIRE PUMP

reliable pumps for your project

DIXON FIRE PUMP

reliable pumps for your project

PORTABLE FIRE EXTINGUISHER

ABC DRY POWDER & CO2

ABC Dry Powder is a multi-purpose, and truly versatile extinguishant suitable for Class A, B, C & Electrical fires.

Available in a wide range of sizes and tested to remarkably high performance fire-ratings in accordance to EN3 standards and Singapore SS 232 Standards, they are suitable for commercial, industrial, and even home usage...etc....

The cylinders are of steel construction, coated with epoxy powder for high corrosion resistance, and fitted with brass valves with pressure gauges.



Carbon Dioxide (CO2) Extinguishers are suitable for Class B risks involving flammable liquids and for electrical hazards. CO2 is harmless to electrical equipment and is ideal for modern offices, electronic risks, and fires caused by the combustion of liquids such as oils, fats, solvents etc. ..

CO2 Fire Extinguisher is available in Carbon Steel and manufactured in compliance to BS EN3 Standards.



Our Certification

