

## Fire Hose Box & Accessories

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We Offer  
Creative  
Design

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# Welcome to Arka Sanat Pishroo

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Our dreams is build a new generation of high quality design and development with professional skills and efficiency technology in firefighting and fire alarm systems.

Arka Sanat is specialized in designing, manufacturing and installation Firefighting and Fire Alarm systems. When it comes to fire safety and extinguishing solutions, reliability is essential. Therefore, Arka Sanat exclusively cooperates with internationally acknowledged partners.

Arka Sanat with his brand that name is "Trust" has multiple experiences of consulting and performing in national industries of Oil and Gas, Petrochemical, Refinery, Mining, Municipality, Airport, Fire department, Administrative and Commercial centers.

However Arka Sanat offers a lot more than products and services. By all means, we are involved during the complete project and the final commissioning to finish every project successfully.





## Why Choose Us?

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Our strong sense of identification with client projects means that we are constantly striving to provide solutions, even for issues they aren't yet aware of. To this end, we adopt a progressive approach to technology and marketing techniques.

This sense of identification also means we value and promote seamless interaction with clients' own teams, and ensure the best value is obtained from their event budget.

We love what we do, some might say a bit too much & we bring enthusiasm and commitment to every project we work on.



Focus on quality



Professional



Great company value



Quick response



20 years of experiences



Passionate team

## Our Best Services

Today, The Arka Sanat provides Fire Safety Systems with integrated solutions for any fire protection challenge.

The Arka Sanat profession focuses on Designing and Construction a wide variety of safety equipment to human health and safety in the workplace.

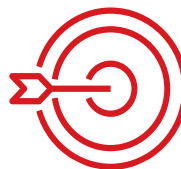
Rely on Arka Sanat to deliver:

### Design & Engineering:



Arka Sanat engineering services leverage the cross-functional group of experts at RK to deliver creative, accurate solutions to complicated challenges in a shorter period of time.

### Procurement:



Making the details come together is critical to a projects success. Our team works with suppliers to negotiate competitive pricing, delivery expectations, logistics, and administrative details. They also work closely with project management to assure all items are at the site when needed in good condition.

### Construction:



Arka Sanat provides predictable and reliable service for firefighting and Fire Alarm Systems. we offer accountability for results. Safety was the driving force behind the decision to start our company, and it remains a crucial factor on every construction project.





It is better to fail in originality than to succeed in imitation



## About Our Product

We are a professional & solid company team who works with passion & skills to provide the best design for business needed.

Arka Sanat Company will provide all parts of Hose Box & Accessories with the highest quality, as follows:

- Fire Hose Reel Cabinet
- Foam Hose Reel Station
- Fire Hose Reel
- Fire Extinguisher Cabinet
- Hose Reel & Extinguisher Cabinet
- Fire Hose
- Fire Hose Box
- Nozzles
- Fire Hose Coupling
- Fire Extinguisher
- Water Curtain
- Fire Hose Reel Valve

These are manufactured in corrosion resistant material, bronze and brass and are suitable for both onshore and offshore applications



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# Fire Hose Cabinet

Arka Sanat offers fire hose reel cabinets in different styles to meet varying installation requirements. All styles of cabinets are equipped with a hose, valve, reel, key, hing and other accessories.

Fire hose reel cabinet manufactured based on the latest modern technical processes and complies with the best international standards. It has different styles of doors and different types of cabinet.

in genral Arka Sanat offers three types of fire hose reel cabinet as follow:

- Wall Mounted
- Self Standing
- Spicial Fire Hose Cabinet

## Wall Mounted FireHose Reel Cabinet

Wall mounted fire hose cabinet according to UNE/EN 671-1 and 20 m fire hose made according UNE 694.

It is composed by:

- Made of 1.5 mm thickness
- Material: Carbon Steel, Stainless steel
- Easy-open lock
- Support arm fixing
- Pre-holes for water supply
- Reel, hose, swing arm, and supply hose
- Nozzle

Painted in red color RAL3000, It can be made in another color, with the RAL provided by the costumer, or in stainless steel and Gold.

The door design has some options: standard, red blind, white blind, white semi-blind, totally stainless and etc.



Model No.: RK - HRC - 101



Model No.: RK - HRC - 102



Model No.: RK - HRC - 103



Model No.: RK - HRC - 104



Model No.: RK - HRC - 109



Model No.: RK - HRC - 106



Model No.: RK - HRC - 108



Model No.: RK - HRC - 107





## Self Standing Fire Hose Reel Cabinet

Arka Sanat Factory provides high performance Synthetic Hose Reel Cabinets in Recessed, Surface and Semi-Recessed mounted design.

Self Standing Fire Hose Cabinet as well as sheet made parts are:

- Constructed from 1 mm to 2 mm
- Electro Galvanized Steel Sheets with all round fold edges are curled to assure the safe handling.
- Fabricated with Mig welding process , afterwards, electrostatic powder painted & oven baked to 200° for appearance and protection from rust.



Model No.: RK - HRC - 201

- Cabinets Door Handle are made of Stainless Steel and turn handles are chrome plated.
- Optional; Available Nozzle is adjustable brass Jet , spray and close (Fog Nozzle).
- Standard Features of Synthetic Hose Reel Cabinet 1½" & 2½"
- Provide with two knock outs, which allows either left or right side water entries.
- Right Handle door leaf hinged flush mounted on door frame, 180° door opening.
- 10 mm holes are provided on the back for fixing at the wall.
- Bright chrome plated Recessed Door lock.
- White Colour Synthetic Fire Hose 1½" x 30 meters long NST Threaded Male & Female Coupling , Service Pressure 150 psi (10 bar), burst pressure 500 psi (35 bar).
- 1½" Jet Nozzle made of brass & copper with NST Threaded female end.
- 1½" Brass Angle valve or landing valve (as per required) with NST Threaded male ends.
- Optional; available Nozzle is adjustable brass Jet , spray and close.

# Spicial Fire Hose Reel

Fire Hose Rack Cabinet:

300 Series Fire Hose Cabinets accommodate a single 1-1/2" fire hose assembly with either Poly-Flex or PR-Super Flex hose. it will also accommodate a portable 2-3 kg ABC fire extinguisher when required.

- Fire hose cabinet size: H1000 X W800 X D350 mm.
- Made of STEEL, SAFTYGLASS-PANELLED FRONTDOOR.
- Hinged contiously with push to open device & Keylock.
- Painted RED or with the RAL provided by the costumer, or in stainless steel.

The fire hose cabinet can be made with blind door, stainless steel blind door and semiblind door.



Model No.: RK - HRC - 301



Model No.: RK - HRC - 302



Simple design is  
always the best





### Foam Hose Reel Station:

The Arka Sanat Foam Fire Fighting Station is a self contained unit that relies only on water flow and pressure to lace the system into operation. It is designed to be installed in a fixed location such as Helidecks, offshore processing, storage or handling areas where it is used to control fires or spills of flammable or combustible liquids.

The unit is constructed in such a manner that one person may operate it to its full potential with the speed and effectiveness necessary in an emergency situation when foam is necessary. The units are capable of holding 120 to 200 Liters of foam concentrate, has a 350 lpm in-line inductor pre-piped to a fixed mounted continuous flow hose reel containing 1" to 1-½" hard rubber hose, hand line nozzle with standard or pistol grip and ball shut off.

### Features:

- Nozzle is a non air-aspirating type, which has a better stream and gives a constant flow whether on straight stream or fog patterns.
- Painted Steel hose reel is mounted on top of tank. Galvanized steel available.
- Tank is supplied with ½" drain plug and 2" fill opening on top of tank.
- Tank can be refilled during operation of the unit.
- In-line inductor pickup tube has manual ball valve that can be closed so that unit can be used with water only.
- In-line inductor has variable metering valve 1% - 3% - 6%.
- Brass manifold with full-port ball valves.
- Suitable for use with any type foam concentrate.



Model No.: RK - HRC - 401



Model No.: RK - HRC - 402



# Fire Hose Reel

A range of fire hose reels which combine high performance and rugged constructions with compact and elegant design. All models in this standard range are available as either manual or automatic versions, with a wide variety of sizes and capacities. Automatic versions feature an automatic valve mechanism manufactured from high impact acetal.

Manual versions can be fitted with a ball or gate valve. A hose nozzle interlock is fitted to all ball valves ensuring the water supply is turned on before running out the hose.

Arka Sanat fire hose reel mounted on a swinging arm with internal waterways which swings 180°. the reel can easily be removed from the cabinet to facilitate the installation.

## Specification:

- Material: Carbon Steel or Stainless Steel
- Size: H900 x W800 x D300 mms
- Fire Hose Length: 20 m (for station type: 50 m)

## FEATURES:

- Wide range of sizes and capacities.
- Designed for fast 'hose-on' installation and maintenance.
- Automatic versions of all models, 19mm and 25mm. Traditional bronze axle and nylon bearings for long-term dependability.
- Supplied fully assembled, complete with roller hose guide (fixed models), stop valve (manual models) and instructions.
- Optional floor pedestals.
- Full range of cabinets.
- Offshore manual versions.
- Fixed reels can be offered with flexible inlet water pipes.

for use in office buildings, schools, hospitals, kindergartens, sports arenas, cinemas, hotels and conference centres, airports and shopping centres.



Model No.: RK - HR - 101



Model No.: RK - HR - 201



Model No.: RK - HR - 301



Model No.: RK - HR - 302



Model No.: RK - HR - 303





# Fire Extinguisher Cabinet

Arka Sanat Fire Extinguisher Cabinet is the industry's most popular design. Available in various door styles and mounting options to complement virtually any type of construction.

### Details:

Material: Carbon Steel, Aluminum, Stainless Steel

Mounting: Recessed, Semi-Recessed, Surface or Trimless and self standing type.

Thickness: 1.5 mm

### Size:

Determined by the fire extinguisher size and available wall depth.

Dimension for portable extinguisher cabinet:  
750(H) x 300(W) x 250(D) mm

Dimension for wheeled extinguisher cabinet:  
1800(H) x 1200(W) x 1100(D) mm

Painting: Red RAI 3000

Finish: Mirror Finish/Brush Finish



Model No.: RK - EC - 201

Cabinets doors are available with options of full metal, full glass frame, center break glass and wired glass door to meet requirements. Instruction sign in English are silkscreen printed on the cabinet.



Model No.: RK - EC - 103



Model No.: RK - EC - 102



Model No.: RK - EC - 101

# Hose Reel and Extinguisher Cabinet

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Arka Sanat Rubber Hose Enclosure RK-REC series are double door for manual and automatic type builds. Arka Sanat cabinets are made from mild steel or stainless steel with the sheet thickness of 1.0 to 2.0mm are also available with Hairline, Brush & Mirror finish (304 & 316 Grade). The outer edge of the hose reels is rolled over for safe handling and aesthetic appearance. The lock mechanism is either lock type, key type or turn handle. Available in Brushed, Hairline and mirror finish.

Size:

Width: 800 to 1000 mm  
Height: 1600 to 2100 mm  
Depth: 230 to 400 mm

We can imagine that you still have some question about you own specific situation after reading this leaflet. Our colleagues will be pleased to help you by making a good chance for your kind of risk. Please contact us:

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RK - REC - 101

RK - REC - 102

RK - REC - 103

RK - REC - 104

RK - REC - 105

## Horizontal Hose Reel and Extinguisher Cabinet:



Model No.: RK - REC - 201



Model No.: RK - REC - 202





## Fire Hose

Arka Sanat supply their range of high quality Fire Hose to customers around the world and pride themselves on high stock levels and fast delivery times meeting the needs of time-sensitive orders. We supplied fire hose in accordance with National Fire Protection Association (NFPA) standards. Our fire hose is typically used for municipal attack line, industrial construction, relay pumping, master stream appliance, and crash/fire rescue use due to its 300PSI service pressure rating.

Stocking a wide range of type hoses in a variety of lengths, diameters and colours. Arka Sanat are a leading manufacturer and supplier to Fire & Rescue Services, Oil & Gas Operators, Marine Sectors and Industrial Users.

In general we supply fire hose in below category:

- Single Jacket Fire Hose
- Double Jacket Fire Hose
- Rubber Covered Fire Hose
- Rack Hose
- Booster & Rigid Hose



Model No.: RK - FH - 101



Model No.: RK - FH - 102



Model No.: RK - FH - 103



Model No.: RK - FH - 104



# Fire Hose Box

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Arka Sanat provides a wide range of effective Hydrant Hose Cabinets, these cabinets are designed in such a way that one person can operate one unit both safe and effectively fighting fire.

## Cabinet Design:

Cabinets and door leaves are made of electro galvanized steel of Thickness 1.2 mm to 2.0 mm which depends upon the use and customer requirement.

Cabinets are surface mounted and self stand finish with all around safe handling folded edges without any sharp edges and burrs.

Cabinet painting is done by oven baked electrostatic powder coating finish.

frame 180° door opening.

Silk screen printed in operating instruction English language inside the cabinet door.

Fire Hose Box included below items:

- Fire Hose
- Water Nozzle
- Foam Nozzle
- Hose Coupling
- Adaptor
- Foam in Line Inductor
- Foam Concentrate
- Spanner
- Gasket



Model No.: RK - HBC - 101

# Branch Pipe & Nozzle

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Branch pipes and nozzles are commonly used for range of wash down and jet spray applications and can be connected to standard hose or layflat fire hose using instantaneous fire hose couplings. The following are our most common types.



Model No.: RK - NZ - 101



Model No.: RK - NZ - 201



Model No.: RK - NZ - 301



Model No.: RK - NZ - 401



## Fire Hose Coupling

Fire hose couplings are commonly used to quickly connect and disconnect hoses during the delivery of water. They are available in a wide range of types in both British and International styles. Our most popular fire hose couplings are Instantaneous and we also supply Hydrant Valves, Dividing Breechings and Standpipes to suit this coupling. Please follow the below items to view more information and the availability each type.



### Specification:

- Material: Gunmetal, aluminum alloy, stainless steel and brass.
- Seal: material of seal is NBR or fluororubber. (Stainless steel couplings have thread seal in PTFE, aluminum alloy couplings have NBR seal.)
- Storz female thread has two seals to prevent divulge.
- Size: 2 1/2" and 1 1/2"

# Storz Fire Hose Couplings

Storz fire fighting couplings are installed easily and resistant to corrosion, rust used for firefighting hose, PVC pipe and other low pressure pipes. Arka Sanat manufactured all type of storz couplings.

Storz fire fighting couplings have the same head structure, not distinguish male and female threads. Shapes in suction hose coupling, female thread, male thread and blind cap with chain. When assembly, heads with the same lug distance can be buckled together, which is convenient and fast. Seal ensures the tightness of connecting place. They are used to connect firefighting hose, PVC pipe and other low pressure pipes in the fire brigade, industry, refinery, building industry, agriculture, shipping, military and civil protection.

## Features of storz fire fighting coupling:

- Resistant to corrosion, rust, acid and alkali.
- Easy to install.
- Long service life.



Model No.: RK - CPL - 101



Model No.: RK - CPL - 102



Model No.: RK - CPL - 103



Model No.: RK - CPL - 104





# B.S. Fire Hose Couplings

B.S. fire couplings have a female spring loaded catch which release when disconnected from the male. They are commonly used by the British fire brigade for the delivery of water to firefighting systems but are sometimes used as an industrial hose coupling. They have a 2½" nominal bore head (either male or a female) and terminate in a variety of sizes of BSP female thread, BSP male thread and hose tails.



Model: RK - CPL - 202



Model: RK - CPL - 203



Model: RK - CPL - 204



Model No.: RK - CPL - 205



Model No.: RK - CPL - 206



Model: RK - CPL - 207



Model No.: RK - CPL - 201



# Fire Extinguisher

We are able to provide you with various kinds of fire extinguisher. All these types have the capability to cover different kinds of fire. Here below you can find the types:

- Carbon Dioxide Fire Extinguisher(CO2)
- Powder Fire Extinguisher
- Foam Fire Extinguisher
- Water Fire Extinguisher
- Tovin Agent Fire Extinguisher

Agent : CO2  
 Type : Portable, Wheeled  
 Size(kg) : 5, 10, 20, 30

Agent : Dry Powder  
 Type : Portable, Wheeled  
 Size(kg) : 6,9,12,25,50,100



Agent : Foam and Powder  
 Type : Wheeled  
 Size(kg) : 100, 150



Agent : Water, Foam  
 Type : Portable  
 Size(kg) : 6,9,12



Identify the type of materials in the area:  
 Class A: Solids such as paper, wood, plastic etc.  
 Class B: Flammable Liquid Such as Paraffin, Petrol, Oil etc.  
 Class C: Flammable Gases such as Propane, Butane etc.  
 Class D: Metals such as Aluminum, Magnesium, Titanium etc.  
 Class E: Fires involving Electrical Apparatus  
 Class F: Cooking Oil, Fat and etc.



The National Fire Protection Association (NFPA) has established the requirements for the number, size placement, performance and maintenance of portable fire extinguishers. These requirements are contained in NFPA 10, "Standard for Portable Fire Extinguishers".



We can imagine that you still have some question about you own specific situation after reading this leaflet. Our colleagues will be pleased to help you by making a good chance for your kind of risk.

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### Know your Fire Extinguisher

| <i>Symbols found on fire extinguishers and what they mean</i> | WATER | FOAM SPRAY | ABC POWDER | CARBON DIOXIDE | WET CHEMICAL |
|---|-------|------------|------------|----------------|--------------|
| Wood, paper & textiles  | ✓     | ✓          | ✓          | ✗              | ✓            |
| Flammable Liquids   | ✗     | ✓          | ✓          | ✓              | ✗            |
| Flammable Gases   | ✗     | ✗          | ✓          | ✗              | ✗            |
| Electrical Contact  | ✗     | ✗          | ✓          | ✓              | ✗            |
| Cooking oils & fats   | ✗     | ✗          | ✗          | ✗              | ✓            |



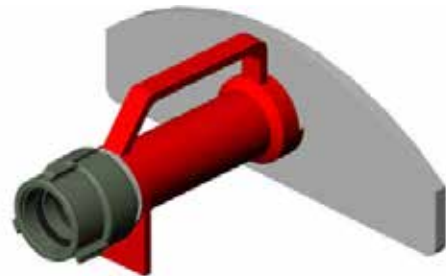
# Water Curtain

Fire Water Curtain Nozzle produces a flat curtain of water projecting upward. These nozzles are used to segregate the area by creating a water curtain.

The nozzle is made out of bronze as well as stainless steel construction. A nozzle up to 1000 LPM flow can be provided with instantaneous male connection for connecting the fire hoses for portable application.

The area coverage graph provided is in standstill air condition, hence the wind velocity at the site of installation is to be considered while designing the system for area coverage.

It is recommended to install main pipeline stainer in the system.



Model No.: RK - WCU - 101

# Landing Valves

Landing Valves are manufactured to BS 5041 and are available in 65 mm Ø female thread or flange end inlet and female instantaneous to BS 336 outlet. Arka Sanat also produces various types of landing valves.

| Product Code | Size | H(mm) | W(mm) | Inlet    | Outlet(mm) |
|--------------|------|-------|-------|----------|------------|
| RK-LNV-101   | DN40 | 124   | 112   | 1.5" BSP | 1.5" BSP   |
|              | DN50 | 154   | 124   | 2" BSP   | 2" BSP     |
|              | DN65 | 188   | 154   | 2.5" BSP | 2.5" BSP   |



Model No.: RK - LNV - 101  
Material: COPPER alloy (Brass)

# Dividing & Collecting Breeching

Arka Sanat offers a wide range of Dividing & Collecting Breechings including light alloy and gunmetal options, standard and ball-valve controlled options, 2-way and 3-way options and painted or unpainted options.

Designed to allow multiple hose lines to be connected to a single hose the breechings are available with British or International adaptors for compatibility to existing equipment.



Model No.: RK - DVD - 101



Model No.: RK - DVD - 201



Model No.: RK - DVD - 301



Model No.: RK - BRCH - 101



Model No.: RK - BRCH - 201





**“A satisfied customer  
is the best business  
strategy of all”**



Every client is unique, every situation is different. Practices turn to Arka Sanat for lots of reasons. But, in most cases, it distills down to a single word: Trust.

- Trust in our experience.
- Trust in our solutions.
- Trust in our results.

## Contact Us

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