KIR MARY

VIKING®

FM APPROVED

UL LISTED

K.M KIRMARY Co.
For Engineering Supplies

FIRE PUMPS

All Viking Products

Grooved Fittings&Valves

Threaded Fittings

PIPES

PIPE MACHINERY

FIRE HOSES

FM Approvals

Member of the FM Global Group

ISO International Organization for Standardization

LISTED

Address 5A Khaled Ibn AlWalid St.,
Sheraton, Heliopolis,
Cairo, Egypt
Tel 2267 5339 - 2266 4920
Fax 2266 4930
Mobile 0122 7389 528 - 0122 7905 248
0121 1178 250 - 0101 9542 941
e-mail info@kirmary.com
sales@kirmary.com
website www.kirmary.com

Trusted above all.

Viking S.A.
Zone Industrielle Haneboesch
L-4562 Differdange /

Niedercorn
Luxembourg
Telephone +352 - 58 37 37 - 1
Facsimile +352 - 58 37 36

Differdange, 21st June 2018

TO WHOM IT MAY CONCERN

Subject: Distributorship Letter

This is to certify that the company **Kirmary For Engineering Supplies**, with main office in 5 A Khaled ebn el Waleed st., Sheraton, Cairo, Egypt, is a Viking S.A.'s authorized non-exclusive distributor for fire fighting water-based products, foam-based products and systems and for the Viking's brand "Fireking" line of hydrants.

This distributorship letter is valid until 31/12/2019

Sincerely,

Viking S.A.

VIKING
Viking S.A.
Z.I. Haneboesch
L - 4562 DIFFERDANGE
Tel : (352) 583737 - 1 Fax: (352) 583736

Alan Arelli
Managing Director

R.C. Luxembourg B 30463
Bus. Lic. No 00112200/2
Managing Director: Alan ARELLI MAFFIOLI
BGL/BNP Paribas Luxembourg 30-450740-15
VAT: LU 14116511

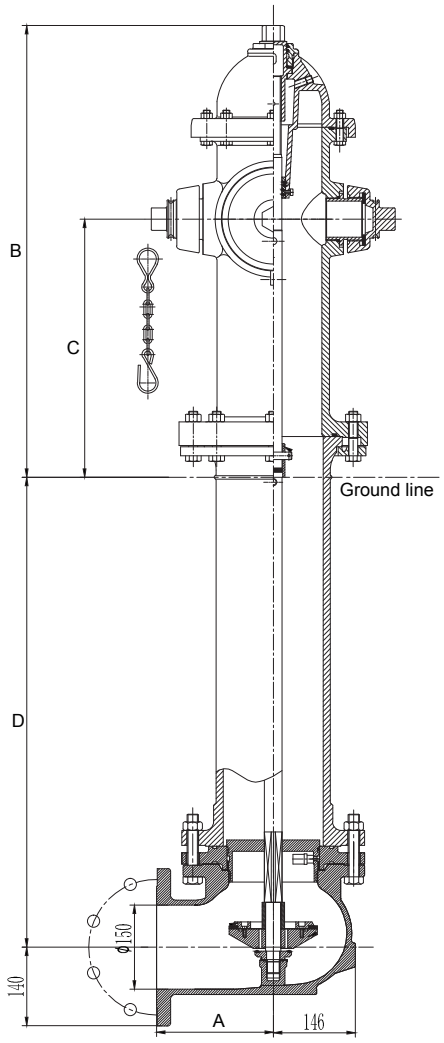
Fire Hydrant

HYF & HYM Dry Barrel Fire Hydrant

Technical features

- **Valve sizes** : 133.4 mm / 5-1/4"
- **Pressure data** :
  Working pressure : 17.2 bar (250 psi)
- **Finish** : Red & black epoxy paint
  Interior & exterior to AWWA C550
- **Connections** : 6"/DN150 Flanged (HYF) (PN16/ANSI #150)
  or mechanical joint (HYM)
- **1 x Pumper Outlet** : 4-1/2" NH thread
- **2 x Hose Outlet** : 2-1/2" NH thread
- **Specifications** : Confirms to AWWA C502
- **Note** : Each hydrant is supplied with a hydrant wrench

Model HYM



Fire Hydrant - HYF & HYM — Physical Data

Part number PN/ANSI	Model	Dimension mm (mm / inch) A	B	C	D	Weight (kg)
HYF-025P	HYF	208 / 8.2	805 / 31.7	460 / 18.1	762 / 30	165
HYF-030P					911 / 36	178
HYF-035P					1,063 / 42	185
HYF-040P					1,215 / 48	190
HYF-045P					1,368 / 54	196
HYF-050P					1,520 / 60	211
HYF-055P					1,673 / 66	220
HYF-060P					1,825 / 72	241
HYF-065P					1,978 / 78	246
HYF-070P					2,130 / 84	251

For the mechanical joint (HYM) version connections, contact Viking.

Fire Hydrants & Equipment

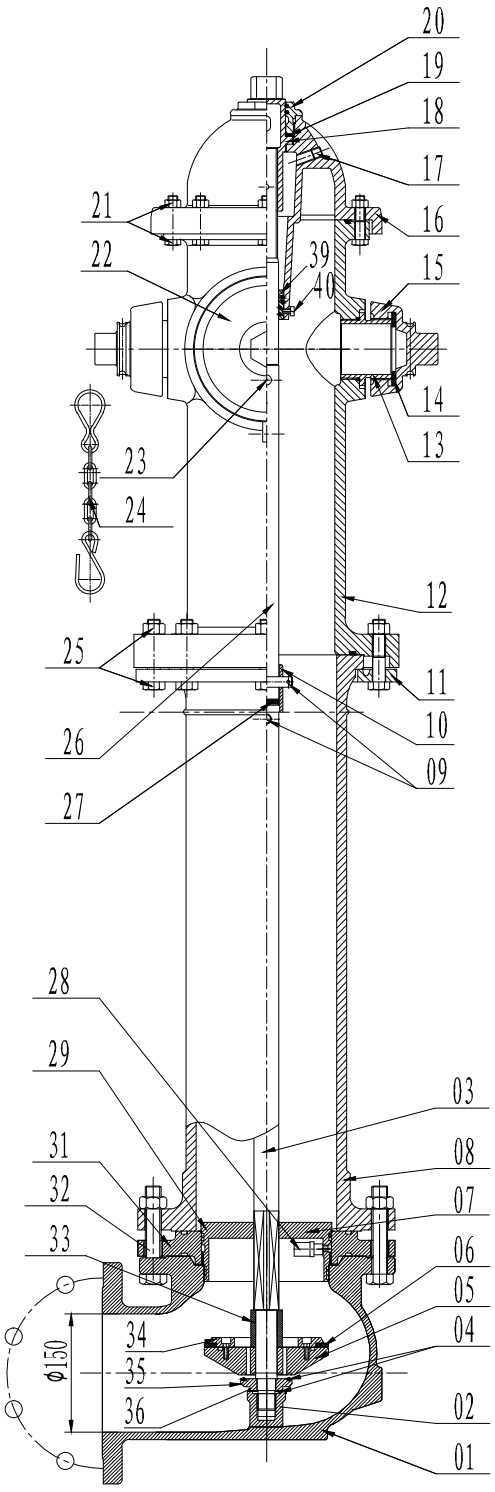
29-06-2017 Version of 12-05-2017 updated (updated part numbers to consolidate PN/ANSI)

Fire Hydrant

HYF & HYM Dry Barrel Fire Hydrant

Fire Hydrant - HYF & HYM

Parts



Item No.	Description	Material	Specification
1	Connector	Ductile iron	ASTM A536 Grade 65-45-12
2	Lock nut	Ductile iron	ASTM A536 Grade 65-45-12
3	Connecting rod	Carbon steel 1045	ASTM A29/29M
4	Lock nut gasket	EPDM	ASTM D2000
5	Tray	Ductile iron	ASTM A536 Grade 65-45-12
6	Seal	EPDM	ASTM D2000
7	Guide bracket	Aluminium bronze	ASTM B148
8	Lower barrel	Ductile iron	ASTM A536 Grade 65-45-12
9	Perforated pin	Carbon steel 1045	ASTM A29/29M
10	Connecting rod sleeve	Stainless steel	ASTM A351
11	Clamp	Ductile iron	ASTM A536 Grade 65-45-12
12	Body	Ductile iron	ASTM A536 Grade 65-45-12
13	Outlet	Aluminium bronze	ASTM B148
14	Outlet gasket	EPDM	ASTM D2000
15	Outlet cover	Ductile iron	ASTM A536 Grade 65-45-12
16	Bonnet	Ductile iron	ASTM A536 Grade 65-45-12
17	Thread plug	Aluminium bronze	ASTM B148
18	Screw stem nut	Aluminium bronze	ASTM B148
19	Screw nut gasket	PTFE	
20	Screw nut seat	Aluminium bronze	ASTM B148
21	Bonnet bolt & nut	Carbon steel 1035	ASTM A29/29M
22	Pumper cover	Ductile iron	ASTM A536 Grade 65-45-12
23	Cylindrical pin	Carbon steel 1045	ASTM A29/29M
24	Chain	Carbon steel Gr. B	ASTM A283-B
25	Body bolt & nut	Carbon steel 1035	ASTM A29/29M
26	Stem	Carbon steel 1045	ASTM A29/29M
27	Cushion	EPDM	ASTM D2000
28	Pressure relief valve	Stainless steel	ASTM A240
29	Seat	Aluminium bronze	ASTM B148
31	Seat fixing plate	Ductile iron	ASTM A536 Grade 65-45-12
32	Lower barrel bolt & nut	Carbon steel 1035	ASTM A29/29M
33	Annular tube	Carbon steel 1045	ASTM A29/29M
34	Plate	Ductile iron	ASTM A536 Grade 65-45-12
35	Lock nut seat	Ductile iron	ASTM A536 Grade 65-45-12
36	Check gasket	EPDM	ASTM D2000
39	Screw stem bushing	Stainless steel	ASTM A240
40	Bolt	Stainless steel	ASTM A240

29-06-2017 Version of 12-05-2017 updated (updated part numbers to consolidate PN/ANSI)

Fire Hydrant

HYF & HYM Dry Barrel Fire Hydrant

Fire Hydrant - HYF & HYM Installation, operation & maintenance

Installation

1. Hydrants should be handled with care to avoid damage. It is recommended to keep hydrants closed until use.
2. If the hydrant is not to be used straight away then it is recommended to coat threads and other machined parts with an anti-rust oil and the hydrant should be stored in a dry and ventilated area. For long-term storage, the hydrant should be checked regularly.
3. Before installation of hydrants, the connection should be free from dirt or other matter.
4. The positioning of the hydrant should be in accordance with local requirements. Ideally the pumper should face the street and all connections should be away from any obstruction to connecting hoses.
5. The inlet elbow should be placed on a solid surface and if possible brace the side opposite the incoming flow to reduce reaction stresses.
6. The underground parts of the hydrant should be surrounded with coarse gravel for support and drainage.
7. After the hydrant has been installed and tested, it is recommended to fully flush the hydrant before closing for service. Before replacing the nozzle caps, it is recommended to check for correct drainage of the hydrant on closing of the valve. This can be achieved by placing a hand over the nozzle opening, a suction should be felt.

Operation

1. Unscrew the nozzle caps and connect hoses.
2. Open the hydrant using the hydrant key (included) to the fully open position by turning the valve nut in an anti-clockwise direction – do not force the hydrant to open further past the fully open position. Note that the hydrant valve is not intended to control the flow, it should be used in either the fully open or fully closed position. To control flow, a pressure/flow control valve should be fitted to the nozzle outlets on the hydrant.
3. To close, turn the valve nut in a clockwise direction – again, do not over tighten.

Maintenance

1. Carry out a visual inspection for signs of significant corrosion which may impair performance.
2. Where possible, carry out leak tests by opening one of the nozzle caps slightly and then opening the hydrant valve. Once the air has escaped tighten the hose cap and check for leaks.
3. Close hydrant and remove one nozzle cap so that the drainage can be checked.
4. Flush the hydrant.
5. Clean and lubricate all nozzle threads.
6. Clean the exterior of the hydrant and repaint if required.

29-06-2017 Version of 12-05-2017 updated (updated part numbers to consolidate PN/ANSI)

ONLINE CERTIFICATIONS DIRECTORY

HBOR.EX27370
Hydrants

Page Bottom

Hydrants

See General Information for Hydrants

VIKING CORP EX27370
210 INDUSTRIAL PARK DR
HASTINGS, MI 49058-9706 USA

Base-valve design:

Model	Base-valve Size, in.	Hose Outlet (No. of Outlets), in.	Pumper Outlet (No. of Outlets), in.	Rated Pressure, psig
HYM	5-1/4	(2) 2-1/2	(1) 4-1/2	250
HYF	5-1/4	(2) 2-1/2	(1) 4-1/2	250

Last Updated on 2016-12-22

Questions? Print this page Terms of Use Page Top

Dry Barrel Hydrants

Hydrants are aboveground extensions of underground water mains, equipped with valves and/or connections for attaching fire hose. On FM Approved models, the pressure containing parts are usually made of cast iron or ductile iron. The valve seat, valve guide and other important working parts are usually made of bronze. A weather cap on the operating stem nut prevents the accumulation of ice, which would cause the hydrant to bind. Hose nipples are threaded, leaded and pinned, or twist-locked and set-screwed into the hydrant upper body.

The valve is opened or closed by a 15 in. (380 mm) long wrench fitted onto the operating stem nut. To prevent freezing, any water in the hydrant barrel drains out at the bottom through a small valve which opens simultaneously as the hydrant is shut down after use.

The name of the manufacturer and the year of manufacture are cast on the barrel, as well as the working pressure and the depth of bury line. On the bonnet, an arrow and the word "open" show the direction for opening the hydrant. The counterclockwise direction to open is required. Hydrants with pumper connections are not recommended for installation within plant yards.

Plans for installation of hydrants should be forwarded to your insurance company for review prior to installation. In particular, plans should be submitted if the hose and/or outlet connections are different from those listed below.

FM Approved hydrants can usually be obtained with standardized mechanical joint inlet or flanged inlet connections. Other types of inlet connection are mentioned in the specific manufacturer's listings. Hydrants should be anchored in accordance with FM Global Property Loss Prevention Data Sheet 3-10 or equal.

Standard outlets are for 2 1⁄2 in. (64 mm) hose size. Hydrants can be obtained with independent hose gate valves. Hydrant sizes shown are the inside diameter of the main hydrant valve. Unless otherwise noted in the listing, the hydrants have 175 psi (1205 kPa) rated working pressure.

Some hydrants, referred to as traffic types, have intentional sections of weakness near the ground line which fracture readily when struck with sufficient force by a moving motor vehicle. They are used to minimize damage to the main hydrant valve and simplify repairs.

Unless otherwise specified, the standard FM Approved hydrant inlet connection is 6 in. NPS.

Models HYM and HYF

Model	*Size, inch (mm)*	*Hose Outlets, inch (mm)*	*Pumper Connection, inch (mm)*	*Rated Working Pressure, psi (kPa)*	*Remarks*
HYM, Traffic Type	6 (152)	Two - 2 ½ (64)	4 ½ (114)	250 (1725)	a
HYF, Traffic Type	6 (152)	Two - 2 ½ (64)	4 ½ (114)	250 (1725)	b

Remarks:
a.) Available with a ANSI/AWWA C111/A21.11 Mechanical Joint Inlet Connection
b.) Available with a ASME B16.5 Class 150 Flanged Joint Inlet Connection

Company Name:	The Viking Corporation
Company Address:	210 N Industrial Park Dr, Hastings, Michigan 49058, USA
Company Website:	http://vikingcorp.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Class of Work:	1510-Hydrants(Dry Brl Ty), Pvt FS

وزارة الدفاع
ادارة المهندسين العسكريين
مشروع ١١٠

التاريخ :٢٠١٩/٠٢/٠٢

REF: P110-MA-MEP-0306

لجنة اعتماد مـــــواد

مقدم من شركة : سامكريت	تاريخ الطلب :	رقم الطلب:
☐	CERTTIFICATES ☐	SAMPLE ☐	CATALOGUES ☐	DATA SHEET ☐

إلي جميع الشركات والمكاتب الإستشارية

تم إعتماد العينة الأتية :

وصف العينـــة : FIRE HYDRANT
تصنيع شركـــة : KIRMARY
توريد شركـــة : VIKING
بلد المنشـــأ : لوكسمبرج

نحيط سيادتكم علما بانة لا مانع من الإعتماد كود (B) مع الإلتزام بما يلي:

١- تقديم شهادة منشأ عند التوريد مختومة من الغرفة التجارية ببلد المنشأ وموثقة من السفارة المصرية بنفس البلد.
٢-التوريدات تكون مطابقة للعينة المعتمدة.

عضو (١)
التوقيع ( )
نقيب /احمد عايدى رمضان

عضو (٢)
التوقيع ( )
ملازم أ / محمد المرساوى

رئيـــس لجنة الاعتماد
التوقيع ( )
عقيد / محمد جمال سلطان

تعليمات: في حالة إستخدام الشركات مواد غير معتمدة من المكتب الفني سيتم مصادرتها وإتلافها

SIAC SHAKER I D G Alamein

اسم المشروع: جامعة العلمين الدولية للعلوم والتكنولوجيا (جامعة اهلية)

طلب اعتماد مواد Materials Submittal

طلب جديد ■ | رقم طلب الاعتماد: SIAC/UNI/MATR/127 | رقم الطلب السابق:

طلب معاد تقديمه ☐ | تاريخ الطلب: 7/2/2019 | تاريخ الطلب السابق:

سبب تقدم طلب الاعتماد: ☐ من أجل معلومات ☐ من أجل الملاحظات والتعليقات ☐ من أجل الاعتماد

الفرع: ☐ مدني ☐ معماري ☐ إنشائي ■ ميكانيكا ☐ كهرباء ☐ اخري

المرفقات: ■ كتالوجات ☐ مخططات ☐ شهادات ☐ عينات ■ معلومات تقنية ☐ حسابات

جدول المواد / المعدات: ملاحظة: يرجى إضافة مرفقات في حالة وجود بنود أكثر من الفراغ المتاح.

مسلسل	الأسم / الرقم / الوصف	نوع البند	المصدر	المصنع / الموزد	مرجع المواصفات	المراجع الفرعية	حالة الاعتماد
1	Fire Fighting Fire Hydrants	Mech	KIRMARY	VIKING			B
2							
3							

ملاحظات المقاول: نشهد أن طلب الاعتماد المقدم أعلاه مطابق تماماً لمخططات ومواصفات العقد، ما لم يتم ذكر خلاف ذلك كما هو موضح أدناه.

استثناء:

مدير المشروع / المقاول:

اسم المهندس /

التوقيع: التاريخ: 7/2/2019

توصيات الاستشاري: الموافقة على اعتماد المواد المقدمة أعلاه لا يعفي المقاول من مسؤولياته حسب العقد.

* certification of origin should be provided.

- يجب تقديم شهادة المنشأ
- يجب تقديم شهادات الاختبارات
- يجب ارفاق الكتلوج fire hydrant
- يجب إعتماد عينة خ الموقع

ممثل الاستشاري:	ممثل المالك:
الاسم:	الاسم:
الوظيفة:	الوظيفة:
التوقيع:	التوقيع:
التاريخ:	التاريخ:

نتيجة الطلب:

A ☐ معتمد

B ■ معتمد مع ملاحظات غير ضرورية

C ☐ مرفوض ويجب إعادة التقديم إعادة التقديم

D ☐ بدون اجراء

استلام الاستشاري للطلب	استلام المقاول بالنتيجة
التوقيع:	التوقيع:
التاريخ:	التاريخ:

Dr. Mohamed Salheen
129 Mostafa El Nahhas Street, Nasr City, Cairo, Egypt
Tel./Fax: +(202) 22728225 - E-mail: info@idg.com.eg

ECG ENGINEERING CONSULTANTS GROUP S.A.

CONCORD FOR ENGINEERING & CONTRACTING

مصر دائما
الرقابة الإدارية

وزارة الدفاع
الهيئة الهندسية للقوات المسلحة
إدارة الاشغال العسكرية

REQUEST FOR APROVAL (RFA)
NO.: ACA-RFA-779 (Rev. 01)

PROJECT NAME: Construction of new Building for Administrative Control Authority	**PROJECT NO.:** 2399
CLIENT: Administrative Control Authority	
TO: Engineering Consultants Group	**FROM:** Concord For Engineering & Contracting
ATTN: Eng. Ahmed Hanafy	

TREAD: Civil o | Arch o | Mech. o | HVAC o | Plu. & Fire Protection √
Elec. o | Infra o | Inform. Tech. o | Others o

Doc. Refs.:	**Location** General Project
Bill Ref. No.:	**Bldg.:** All Buildings
Drwg. No.:	**Level:**
Spec. No.:	**Axis:**
	Site Works: Fire Fighting Works

SUBJECT:- **Fire Hidrant (Viking - KirMary)**

REQUEST DESCRIPTION:

Kindly Find Attached:-
Manufacturer :- Viking
Country :- USA
Supplyer :- KirMary
For your review and approval.

ECG Engineering Consultants Group
مشروع مبنى هيئة الرقابة الإدارية
(Project: 2399)
RECEIVED
By Khaid Date 6-5-19

ATTACHMENT DOCUMENTS:-

1- One Hard Copy
2- Sample Board

REQUESTED BY

NAME/SIGNATURE	TITLE	DATE
Eng. Usama Nada	MEP Manager	06-May-19
Eng. Sameh Mahfouz	Project Manager	

CONCORD FOR ENGINEERING & CONTRACTING

RESPONSE:

☐ Approved ☑ Approved With Comments ☐ Approved With Comments and Resubmit ☐ Not Approved

- Sample For Fire hydrant is approved
- origin country certificate should be submitted.

ECG Engineering Consultants Group
مشروع مبنى هيئة الرقابة الإدارية
(Project: 2399)
APPROVED
With Corrections / Notes As Noted Do Not Resubmit
By _____ Date _____

A. Torgoman
7-5-2019

ATTACHED DOCUMENTS:

RESPONDED BY

NAME/SIGNATURE	TITLE	DATE
Received By		
NAME/SIGNATURE Samer	TITLE P.D.C	DATE 7-5-2019
Received By		
NAME/SIGNATURE	TITLE	DATE