WATER SUPPLY - SEWAGE
FIRE FIGHTING - GAS SUPPLY

ORION STOP

MIDDLE EAST

AVK HAUT MARNAISE S.A.S.

GENERAL CHARACTERISTICS OF THE HYDRANT

- 360° directional setting
- Automatic drain with self cleaning
- Foot valve equipped with an anti-hammer device: constituted by a diffuser proportional of water flow at opening and at closing of the pillar
- Simple and robust mechanism
- Flat reared aluminum cover with 2 side self reflective strips and easy handles
- Simple and robust mechanism
- Fast and simple disassembly of the complete mechanism by the top of the apparatus
- One open key is supplied for each hydrant
- All the bolts and screws are in stainless steel
- 2 x Outlet 2" 1/2 and caps in bronze
- 1 x Outlet 4" and caps in bronze

In case of traffic accident on the upper part of the hyrant, the security bolts have been studied to break.
The advantages are as follows:
- no damage for underground parts
- no water leakage
- easy and fast bolt change

The "breakable" device has been designed to allow an economical and quick repair after the shock: one bolts and gasket kit is supplied with two fire hydrants + one S-bend per hydrant in option.

QUALITY

The hydrants are manufactured in an ISO 9001 V2008 certified company and tested according to the French Standard NF EN 14383.

The flanges of the duckfoot are PN10/16.

SURFACE COATING

- Underground parts: all the ductile iron parts are coated with a non-toxic powder, Epoxy, blue colour, 300 microns minimum.

- Overground parts: all the ductile iron parts are coated with a first layer of a non-toxic powder, Epoxy, blue colour, 150 microns minimum and a second layer of a non-toxic polyester powder, red colour, 150 microns minimum. Total thickness is 300 microns.

Repair kit

Operating key

S-bend optional and on request

INDIVIDUAL PARTS OF THE ORION STOP MIDDLE EAST

ALL THE PARTS
ARE AVAILABLE TO UNIT'S SALE

ITEM NO.	QTY.	Title	Material
28	2	O-ring	EPDM (NSF)
27	1	O-ring	EPDM (ESW)
26	2	O-ring	EPDM (ESW)
25	1	Gasket NBR	NBR, AS1646
24	2	PIN 4x16	Alu. 2011
23	16	Washer	SS ISO 3506; Grade A2
22	1	Gasket	NBR, AS1646
21	2	Flange	EN-GJS-400-15
20	1	Hydrant top	DI EN 1563; GJS-500-7
19	1	Hydrant Head	DI EN 1563; GJS-500-7
18	1	Stem extender nut DN 100	Brass EN 12164 CW614N
17	1	Frost drain cover	PA 6.6 (Polyamid)
16	1	Bolt Soc	SS ISO 3506; Grade A2
15	1	Spring Pin	SS W 1.4310; Grade A2
14	1	Gasket spec	EPDM (ESW)
13	1	Retaining	DI EN 1563; GJS-500-7
12	1	Stopper body	DI EN 1563; GJS-500-7
11	1	Ball	SS EN 10088-1; (W 1.4104)
10	1	Spring	SS EN 10088-1; (W 1.4310)
9	1	O-ring	EPDM (NSF)
8	1	O-ring	EPDM (NSF)
7	1	Frost drain body	Brass EN 12165 CW612N
6	1	Duckfoot	DI EN 1563; GJS-500-7
5	4	Free flange	EN-GJS-400-15
4	1	Stem Cap	DI EN 1563; GJS-500-7
3	1	Stem	SS EN 10088-1; (W 1.4021)
2	2	Stem nut	Brass EN 12164 CW614N
1	1	Lower barrel	DI EN 1563; GJS-500-7

58	1	Coupling (BS336)	-
57	2	Cap (BS336)	-
56	1	Gasket	EPDM
55	1	Cap (BS336)	-
54	2	Gasket	EPDM
53	2	Coupling (BS336)	-
52	3	Spring Pin	SS W 1.4310; Grade A2
51	4	Hex Bolt	SS ISO 4014; Grade A2
50	4	Hex Bolt	SS ISO 3506; Grade A2
49	1	Bolt	SS ISO 3506; Grade A2
48	2	Hex bolt	SS ISO 3506; Grade A2
47	2	Bolt Soc	SS ISO 3506; Grade A2
46	8	Hex Nut	SS ISO 3506; Grade A2
45	4	Hex bolt	SS ISO 3506; Grade A2
44	1	Traffic flange	DI EN 1563; GJS-500-7
43	1	Stem cap	DI EN 1563; GJS-500-7
42	1	Stem nut	DI EN 1563; GJS-500-7
41	1	Stem extender	SS ISO 3506; Grade A2
40	1	Stem nut	DI EN 1563; GJS-500-7
39	1	Stem control	SS EN 10088-1; (W 1.4021)
38	1	Sealing	NBR, EN 681-1
37	2	Rivet	Alu. 2011
36	4	Bolt	SS ISO 3506; Grade A2
35	4	Washer	SS ISO 3506; Grade A2
34	2	Nut	SS ISO 3506; Grade A2
33	2	Screw Pan DIN 7981 C A2 4.8x19 C	SS W 1.4310; Grade A2
32	2	Flange cover - Lower	PA 6.6 (Polyamid)
31	2	Flange cover - Upper	DI EN 1563; GJS-500-7
30	4	Collar	Dezn. res. brass EN 12165:CW602N (CZ132)
29	1	Stem extender	SS ISO 3506; Grade A2

ORION STOP MIDDLE EAST - PRODUCT REFERENCES

Reference	DN	Weight	Outlet 2"1/2	Outlet 4"
781007187121	100	80	x 2	x1

OUR FIRE FIGHTING PRODUCT RANGE

YOUR LOCAL AGENT & DISTRIBUTOR (STOCK)

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