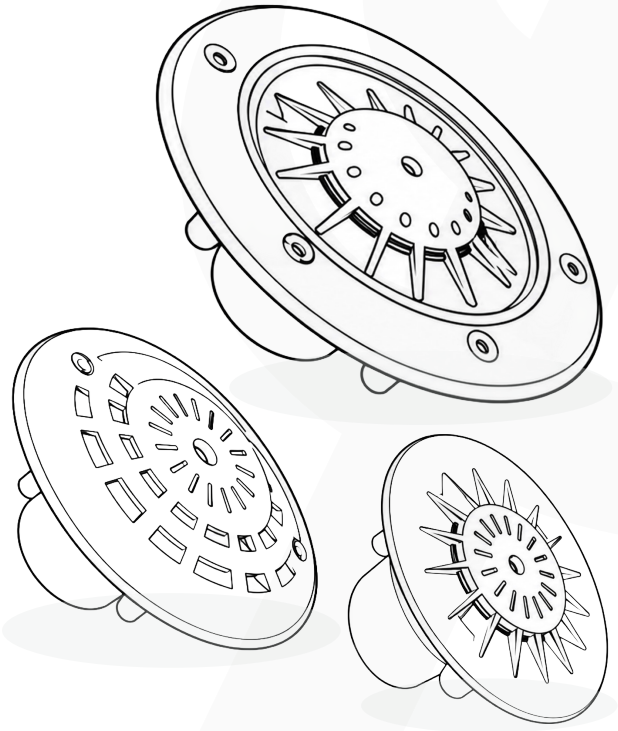
Installation Manual

FLOOR RETURN INLETS

Model: F-194 / F-194-L



(ITALY) AQUA S.p.A. | 42018 San Martino in Rio, Reggio Emilia Via Crotti, 1 | aqua@aqua.it, www.aqua.it
T +39 (0)522 695805 F +39 (0)522 646160 |

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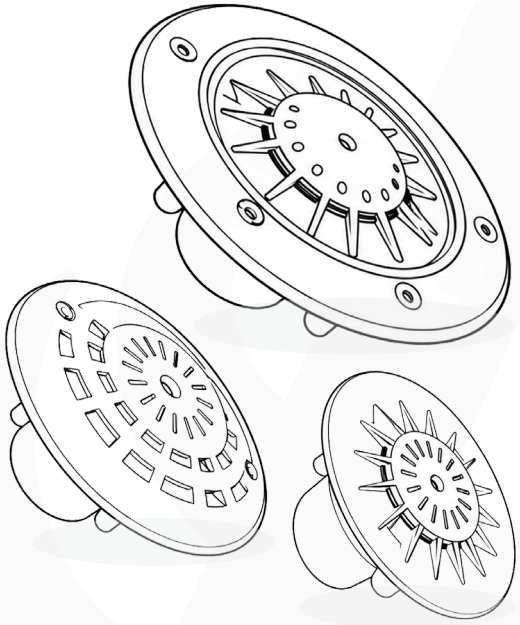
Model: F-196/ F-194-L

This manual contains important information for the safe installation, operation and maintenance of your filter.



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IMPORTANT This instruction manual includes essential information on the safety measures to be implemented for installation and start up Therefore the installer as well as the user must read the instructions before starting installation and startup.

Keep this manual for future reference

01 FLOOR RETRN INLET

Return inlets are one of the most important pool fittings for a proper water recirculation. Wall return inlets are specially designed for those pools with s kimmers since the water. Two different models of return inlets are available: Wall return and Floor return inlets. Wall return inlets are specially designed for those pools with skimmers, since the water recirculation in the pool is horizontal" from the inlets to the skimmers"

On the other hand the Floor return inlets are recommended to be installed in swimming pools with overflow channel They prevent dirt from settling by lifting it towards theoverflow creating a vertical" recirculation"

02 INSTALLATION

The positioning of the Floor return inlets is important in order to obtain a proper water recirculation and avoid any zone in the pool where water is not circulated periodically. The total flow rate will determine the number of inlets needed. Each Floor return inlet allows a water flow rate of 12 m'h. However, the flow rate can be adjusted by screwing or unscrewing the central bolt (Fig. 1).

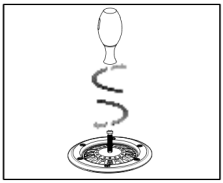

Fig.1

Models F-194 is designed for concrete pools (Fig. 2).
Model F-194 is available for Vinyl and Liner pools (Fig 3):

Ù For Vinyl pools with liner, install both two joints, one behind the vinyl pool and the other behind the liner. It is recommended to install the wa]nduit model.

• For concrete pools with liner, install the Floor return inlu with only one joint.It is recommended to install the wall conduit model.

03 CONNECTIONS

	F-194	F-194	F-194-L
Type of pool	CONCRETE AND LINER POOLS	CONCRETE AND LINER POOLS	Vinyl or Liner pools
Metrical connections	Pipe : 63 mm PN10 (EM2861E) Pipe : 63 mm PN16 (EM2861E1)	Pipe : 50 mm; Screwthread 2"	Pipe : 50 mm; Screwthread 2"
Imperial connections	Pipe : 2" Class 12 (EM2861A) Pipe : 2" Class 15 (EM2861A1)	Pipe : 1 ½"; Screwthread 2"	Pipe : 1 ½"; Screwthread 2"

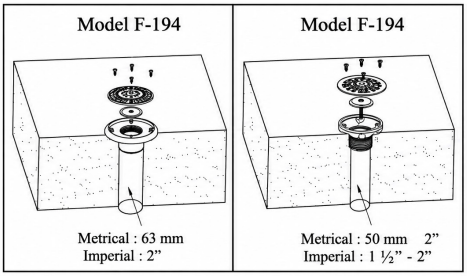
Model F-194
Metrical : 63 mm
Imperial : 2”
Model F-194
Metrical : 50 mm 2”
Imperial : 1 ½” - 2”

Fig.2

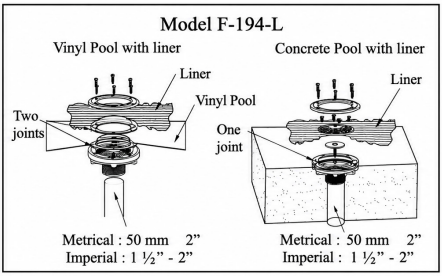
Model F-194-L
Vinyl Pool with liner
Liner
Vinyl Pool
Two joints
Metrical : 50 mm 2”
Imperial : 1 ½” - 2”
Concrete Pool with liner
Liner
One joint
Metrical : 50 mm 2”
Imperial : 1 ½” - 2”

Fig.3

OFFICE

HEAD OFFICE

(I) **AQUA S.p.A**
42018 San Martino in Rio, Reggio Emilia - Italy - Via Crotti. 1
P +39 0522 695805/85 - F +39 0522 646160
aqua@aqua.it | www.aqua.it

Aqua S.p.A - Pool Division
46043 Castiglione d. Stiviere, Mantova - Italy P
+39 0376 671973 - F +39 0376 940139
infopools@aqua.it | www.aqua.it

BRANCHES

(UK) **AQUA WATER SYSTEMS LTD**
Unit 135 Oak Drive Hartlebury Trading Estate,
Worcestershire, DY10 4JB
P +44 (0)1299 251050 - F +44 (0)1299 253704
sales@askaua.co.uk | www.askaqua.co.uk

(E) **AQUA FILTRACION S.A.**
Pol.Ind Castellbisbal Sud 08755
Castellbisbal, Barcellona
P +34 (0)93 7711855 - F +34 (0)93 7711772
info@aqua.es | www.aqua.es

(TR) **AQUA SU ARITIMI SAN. VE MUH. TIC. LTD. STI.**
Ferhatpasa Mahallesi Maresal Fevzi Cakmak
Cad. - No:45 Pk.34888 Atasehir / Istanbul - Turkey
P +90 216 661 60 60 - F +90 216 661 68 50
info@aqua.com tr | www.aqua.com.tr

(UAE) **AQUA MIDDLE EAST FZC**
1J-07/4 and 1J-07/3 - Hamriyah Free Zone
P.O.Box 42585 Sharjah - United Arab Emirates
Tel No. +971 6 526 0563 - Fax No. +971 6 526 0564
contact@aqua-me.ae | www.aqua-me.a

(IND) **"AQUA WATER SYSTEMS INDIA PVT LTD "**
4A/4B/4C-,Puttappa Industrial Estate Mahadevapura
Post, White Fiels Road, Bangalore 560 048
P 0091 80 4152 1313 - F 0091 80 4152 1414
contact@aquaindia.in - sales@aquaindia.in | www.aquaindia.in

(RUS) **"AQUA GROUP RUS"**
Jiuridical Adresss: 107014, Egerskaya str, 1, Moscow, Russia
Residence Adress: 127081, Chermianskaya str, 3, Moscow, Russia
Phone-Fax : +7 495 6458078, +7 495 969 2413
mail@aqua-italy.ru | www.aqua-italy-ru-www.aqua.it

(EGY) **"AQUA GROUP LLC"**
Office : Regus – Sarayat EL Maadi, Egypt
Management & Ware house : Plot no 2-2 nd service axe
2nd Industrial Zone, October, Egypt
Phone : +20 2 3820 2259 | info@aqua.eg

(PL) **EKOPOMP**
Trojkatna 6, 54-414 Wroclaw, Poland
P : +48 713538196
biuro@ekopomp.pl
www.ekopomp.pl

(BE) **DIMM**
Nijverheidsstraat 47/A 8970 Poperinge, Belgium
P : +33 32848 1077
dimm@dimm.be
www.dimm.be

(PL) **AQUAQUIMICA, LDA.**
Pq industrial de laundos 12a, 4570-311 laundos, Portugal
P : +351 252 600 190 F : +44 (0)1299 253704 comercial@
aquaquimica.pt www.aquaquimica.pt