

INLET NOZZLE

INSTALLATION MANUAL



MODELS:
EM4414 A/E

1. INLET NOZZLES

Inlet nozzles are one of the most important pool fittings for a proper water recirculation. 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 the overflow, creating a "vertical" recirculation.

IMPORTANT

This instruction manual includes essential information on the safety measures to be implemented for installation and startup.

Therefore, the installer as well as the user must read the instructions before starting installation and start up.

Keep this manual for future.

2. INSTALLATION INSTRUCTION

The positioning of the wall 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. It is recommended to install the Wall return inlets in the opposite side of the skimmers, and 200 - 300 mm. depth from the water surface. (Fig. 1)

The flow rate required for the installation will determine the number of inlets needed. Three different diameters (14 mm, 20 mm and 25 mm) are available in the eye ball, so you can choose three different flow rates according to the pool requirements:

EYEBALL Φ 14 MM	EYEBALL Φ 20 MM	EYEBALL Φ 25 MM
Flow rate 3 m ³ /h	Flow rate 4.5 m ³ /h	Flow rate 7 m ³ /h

Unthread the central piece where the eyeball is placed with one of the tools supplied, and with the other tool (small pipe with Φ 20 mm from one side and Φ 25 mm from the other side) and a hammer, remove the unwanted parts of the eyeball (Fig. 2).

It is recommended to install the wall conduit model EM2841 (for concrete pools) or EM2842 (for Vinyl pools).

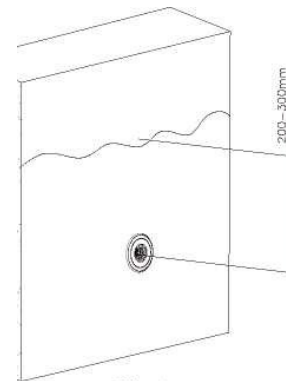


Fig. 1

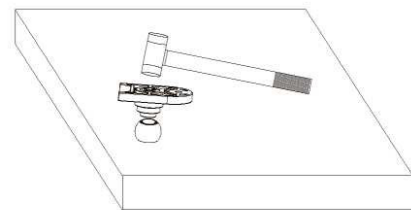
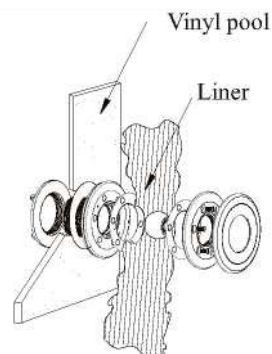


Fig. 2

EM4414

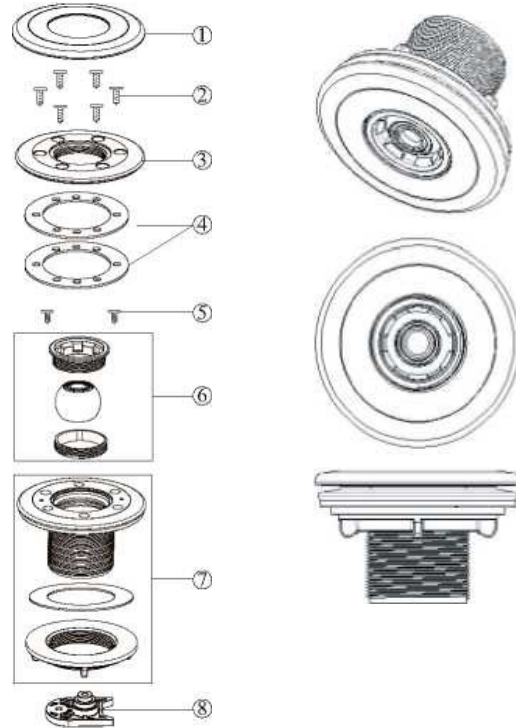
	FOR VINYL POOLS WITH LINER
MATRICAL CONNECTION	Pipe Φ 50 mm or thread 2"
IMPERIAL CONNECTION	Pipe Φ 1 1/2" or thread 2"



3. SPARE PARTS

EM4414

POS.	PRODUCT DESCRIPTION
1	Facering
2	Screws M5x14
3	Ring
4	Liner gaskets
4	Screws M3x9.5
5	Assembly eyeball
6	Body GB50
7	BodyBSI.5"
8	Nut and eyeball regulator



5. WARRANTY POLICY

This products with the highest standard of workmanship, using the best materials available through state of the art process. Peraqua proudly warrants its products as follows

EXTENDED WARRANTY FOR SPECIFIC PRODUCTS (OFFERED FROM DATE OF INVOICE)

PRODUCT	WARRANTY PERIOD
Filters & Filter Systems	
Pumps	
Underwater Lights	
Ladders	
Control devices	
Heat Pumps & Heat Exchanger	
Salt Chlorinators & UV Systems	
Pool Fittings	
Cleaning Equipment & all others	

5.1. EXCEPTIONS THAT MAY RESULT IN DENIAL OF A WARRANTY CLAIM

1. Damage caused by careless handling, improper repackaging or shipping.
2. Damage due to misapplication, misuse, abuse or failure to operate and install tile equipment as specified in this manual.

3. Damage caused by a misuse, abuse or failure to operate and install the equipment out of the scope of a professional level demanded in similar equipment or installation type.
4. Damage due to unauthorized product modifications or failure to use Peraqua original replacement parts.
5. Damage caused by negligence or failure to properly maintain products as specified in this manual.
6. Damage caused by failure to maintain water chemistry in conformity with the standards of the swimming pool industry for any length of time.
7. Damage caused by water freezing inside the product.
8. Accident damage, fire or other circumstances outside the control of Peraqua.
9. Items had been repaired or altered in any way by any person that is not authorized by Peraqua.
10. Wear & tear parts.

5.2. CLAIM PROCESS

Summary of Peraqua Claim Process in 3 steps:

- a) Claim: Customer contacts Peraqua salesperson and provides completed details of the claim which includes:
 - a. Information about the failed product such as the part number(s) and serial number(s).
 - b. Description of the complaint/failure.
 - c. Pictures
- b) Once the complaint is received, the product quality incident will then be reviewed by Peraqua's Quality Control Department following the „Peraqua Warranty Policy“.
- c) Conclusion: After the investigation is completed, Peraqua will inform the distributor accordingly.

5.3. WARRANTY OBLIGATION

Peraqua warrants any of above items from workmanship and/or material(s).

Should a defect become evident during the term of warranty, Peraqua will, at its option, repair or replace such item or part at its own cost and expense. Customer will need to follow the warranty claim procedures from Peraqua in order to obtain the benefit on this warranty.

Peraqua is not, however, responsible under this warranty for any cost of shipping or transportation of the equipment or parts there of "to" or "from" our technical operations.

Peraqua is not able to be liable for any loss of time, inconvenience, incidental expenses such as labor cost, phone calls, legal cost or material cost incurred in connection with the replacement or removal of the equipment, or any other consequential or incidental damage on persons or assets. Peraqua will be not responsible for any business profit loss operation stop due to the non-conformity product equipment. No indemnity or damages can be claimed on any account whatever.

5.4. WARRANTY OR REPRESENTATIONS BY OTHERS

No dealer or other person has authority to make any warranty or representation concerning Peraqua or its products. Accordingly, Peraqua is not responsible for any such warranty or representation.

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