

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 the 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 Emaux original replacement parts.
- 5.- Damaged 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 Emaux.
- 9.- Items had been repaired or altered in any way by any person that is not authorized by Emaux.
- 10.- Wear & tear parts.

5.2. - CLAIM PROCESS:

Summary of Emaux Claim Process in 3 steps:

- a) Claim: Customer contacts Emaux 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 Emaux's Quality Control Department following the "Emaux Warranty Policy".
- c) Conclusion: After the investigation is completed, Emaux will inform the distributor accordingly.

5.3. - WARRANTY OBLIGATION:

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

Should a defect become evident during the term of warranty, Emaux 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 Emaux in order to obtain the benefit on this warranty.

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

Emaux is not able to 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. Emaux 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 Emaux or its products.

Accordingly, Emaux is not responsible for any such warranty or representation.



FLOOR RETURN INLETS

MANUAL INSTALLATION.

MODELS:

EM2861(A) / EM2861(E)
EM2861(A1) / EM2861(E1)
EM2862(A) / EM2862(E)
EM2863(A) / EM2863(E)

FLOOR RETURN INLETS

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 startup.

Keep this manual for future reference.

1.- FLOOR RETRN INLET:

Return inlets 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.

2.- 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 m³/h. However, the flow rate can be adjusted by screwing or unscrewing the central bolt (Fig. 1).

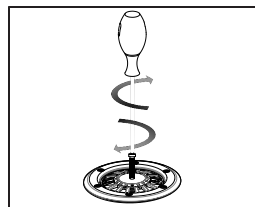


Fig.1

Models **EM2861** and **EM2862** are designed for concrete pools (Fig. 2).

Model **EM2863** is available for Vinyl and Liner pools (Fig 3):

- 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 wall conduit model **EM2842**.
- For concrete pools with liner, install the Floor return inlet with only one joint. It is recommended to install the wall conduit model **EM2841**.

3.- CONNECTIONS:

	EM2861	EM2862	EM2863
Type of pool	Concrete pools	Concrete pools	Vinyl or Liner pools
Metrical connections	Pipe Ø63 mm PN10 (EM2861E) Pipe Ø63 mm PN16 (EM2861E1)	Pipe Ø 50 mm; Screwthread 2"	Pipe Ø 50 mm; Screwthread 2"
Imperial connections	Pipe Ø2" Class 12 (EM2861A) Pipe Ø2" Class 15 (EM2861A1)	Pipe Ø 1 ½"; Screwthread 2"	Pipe Ø 1 ½"; Screwthread 2"

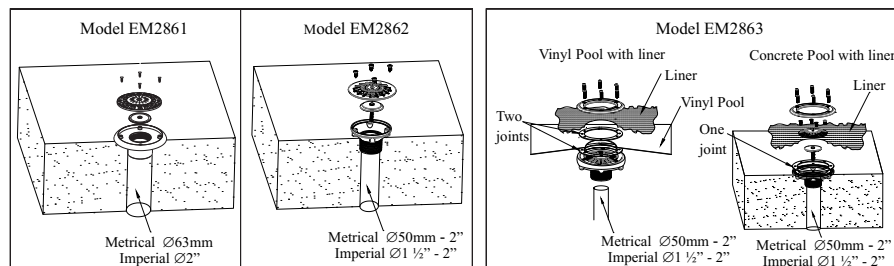


Fig.2

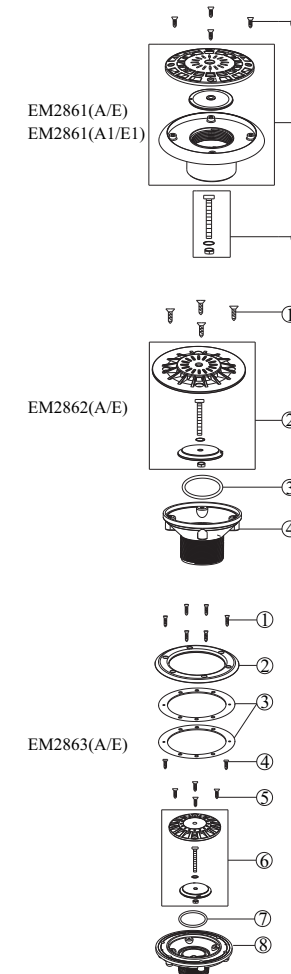
Fig.3

4.- SPARE PARTS LIST:

POS.	CODE	PRODUCT DESCRIPTION
1	03012112	Screws
2	89140515	Body GB63 PN10 (EM2861E)
2	89140516	Body BS 2" Class 12 (EM2861A)
2	E160805	Body GB63 PN16 (EM2861E1)
2	E160804	Body BS 2" Class 15 (EM2861A1)
3	89140517	Flow regulator screw

POS.	CODE	PRODUCT DESCRIPTION
1	03011018	Screws M5x20
2	89140502	Lid with flow regulator
3	02010277	O-ring
4	01050208	Body GB50
4	01050215	Body BS 1.5"

POS.	CODE	PRODUCT DESCRIPTION
1	03012109	Screws M5x24
2	01050209	Face ring
3	02010279	Liner gaskets
4	03011003	Screws M4x12
5	01011333	Screws M5x15
6	89140506	Lid and flow regulator
7	02010277	O-ring
8	01050210	Body GB50
8	01050217	Body BS 1.5"



5. - WARRANTY POLICY:

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

EXTENDED WARRANTY FOR SPECIFIC PRODUCTS (OFFERED FROM DATE OF INVOICE).	
Product	Warranty Period
Filters & Filter Systems	2 years
Pumps	1 year
Underwater Lights	1 year (bulbs 90 days)
Ladders	1 year
Control devices	1 year
Heat Pumps & Heat Exchangers	1 year
Salt Chlorinators & UV Systems	1 year (2 years for cell material)
Pool Fittings	1 year
Cleaning Equipment & All others	1 year