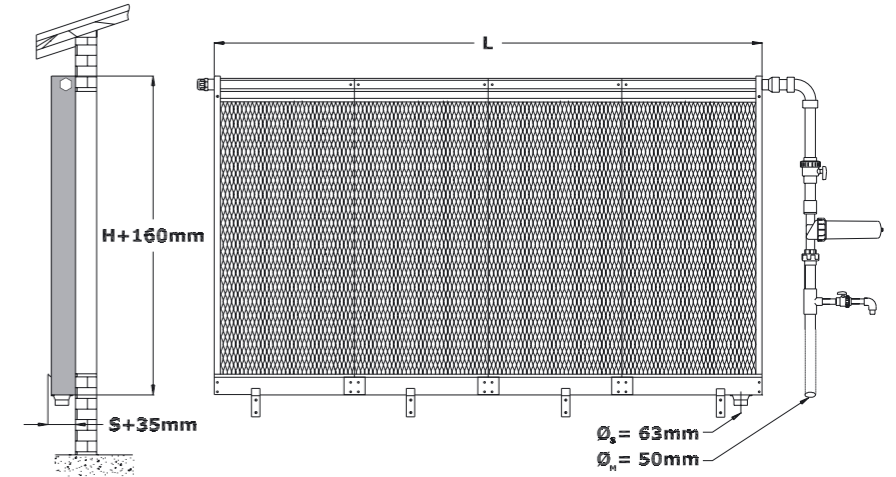


MFP MFX a user-friendly product designed to easily install the **PERICOOL** evaporative cooling pads in all their applications.



On the left: detailed drawing of the inner side of the top water channel. A perforated pipe along the MFP MFX system sprinkles the distribution pad by means of small holes in order to wet **PERICOOL** pads uniformly.



The scheme above refers to MFP10-MFX10 systems.

MFP
This sign stands for gutter frame made of dark-coloured phosphatised galvanised steel (Pluvimag).



MFX
Gutter frame made of stainless steel, suitable above all for installations with a high percentage of corrosive elements.



The photo below shows the water discharge pipe focusing the bottom channel beading which enables the perfect draining of water inside the channel itself.



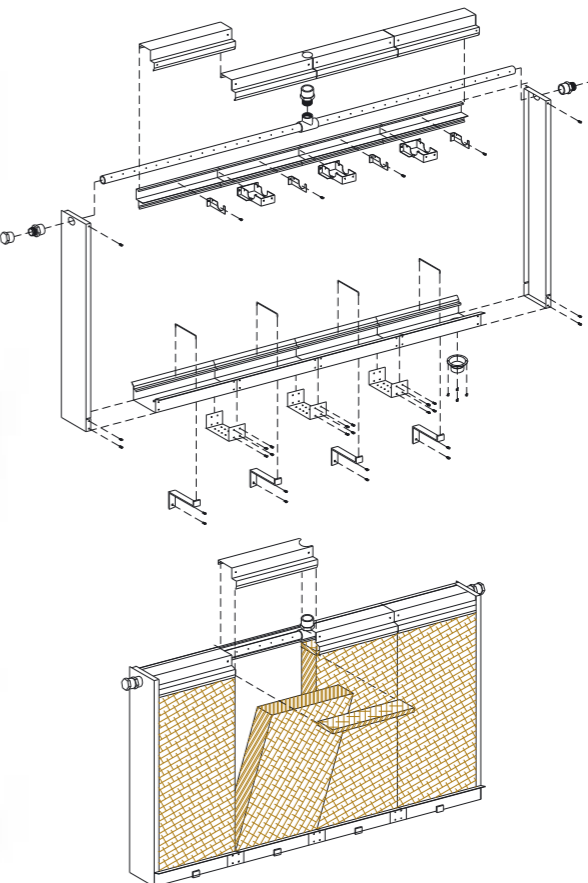
In the middle: section view of the top water channel and the bottom water discharge channel with **PERICOOL** evaporative cooling pads without end cap.



Top and down: detail of the top and bottom angles of the MFP MFX system end cap.



Photo below: stiffener of the bottom channel avoids its strains and straddles under the pressure of the weight of **PERICOOL** evaporative cooling pads.



The exploded drawings show the main components of MFP MFX systems supplied in kit form. The top cover can be easily taken off (see the drawing below) for inspection of the water distribution channel and replacement of **PERICOOL** pads.

TECHNICAL FEATURES AND DIMENSIONS			
	MFP made of phosphatised galvanised steel Pluvimag MFX made of stainless steel		
Modules	10	20	30
Length – L (multiples of 0,6m)	from 6 to 12 m	from 12.6 to 18 m	from 18.6 to 30 m
	Lengths inferior to 6 m are available upon request		
Width (PERICOOL® pad) - S	100 & 150 mm		
Width including edges – S + 35	PERICOOL® pad width + 35 mm		
Height (PERICOOL® pad) - H	1000,1200,1500,1800 & 2000 mm		
Total height – H + 160	PERICOOL® pad height + 160 mm		
Water discharge pipe diameter	63 mm		
Water supply pipe diameter	50 mm		
Brackets - SU	To equip the end parts with, 1 per meter		

Different heights are available upon request.

Accessories for installation

ID water supply kit:
All the components which make up the water connection system to **PERICOOL** evaporative cooling pads including the water flow adjustment valve ①.
Side water supply for MFP10-MFX10 and MFP20-MFX20 systems; central water supply for MFP30-MFX30 systems (S= 100 mm).

SC water discharge kit:
All the components which make up the water discharge kit conveying the non-evaporated water back to the water tank.

F3-F7 filter:
keeps water impurities.

F3 F7	dimensions	
models		
F3	MFP10-MFX10	-
F7	-	MFP20-MFX20 MFP30-MFX30



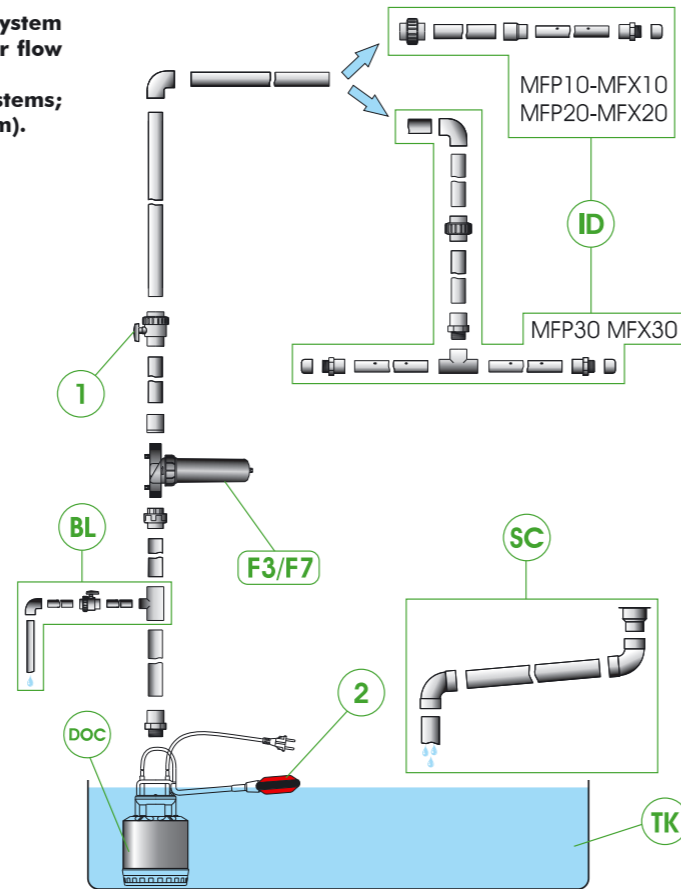
TK water tank:
collects the exceeding (non-evaporated) water from **PERICOOL** pads.
It should be provided with a water level control system.

TK	dimensions (mm)		
model	capacity (litres)	external diameter	height with cover
TK 500	500	910	985
TK 1000	1000	1110	1390



DOC submersible pump :
Has the function to supply and re-circulate water from the water tank to **PERICOOL** evaporative pads sustained by the MFP-MFX system. It is equipped with floaters ② which stops it in case the tank water level is too low.

Model	Voltage	Power		Q = Capacity											
		kW	HP	l/min	0	25	50	75	100	125	150	175	225		
														H = total head in meter water column	
DOC3	230V 1~	0.25	0.33	6.9	6.3	5.6	4.7	3.7	2.5	1.2	----	----			
DOC7	230V 1~	0.55	0.75	11.1	10.8	10.4	9.9	9.3	8.5	7.6	6.5	3.7			
DOC7T	400V 3~	0.55	0.75	7.2	6.8	6.4	6.0	5.5	4.8	4.1	3.1	----			



BL mineral discharge kit:
By means of the mineral discharge valve the salt level of the water in the tank can be easily controlled. Eliminating a certain quantity of water from the circuit before entering the **PERICOOL** cooling pads permits to keep the salt level unchanged and avoids damaging consequences such as calcification in the system.

Series

MFP
MFX

Gutter frame system and accessories for evaporative cooling application



Photos in the main application fields



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All indications in this catalogue are without engagement. In a constant effort to improve our products, specifications may change.



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Quality products

