



Catalogue  
in english



*Multifonction  
filtration unit!*



- Simple
- Effective
- Economic
- Esthetic

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# Presentation of the company & its products

## ■ Presentation of the company



- FILTRINOV takes advantage of the experience, the skills and the research department of the company TMI.
- FILTRINOV assure the full assembly of elements in its warehouse.
- FILTRINOV set up procedures of tests and tries to guarantee quality and longevity of all its products.

FILTRINOV was created in 2005 by Mr SAUSSAC Maxime & Fabien. This family-run company, based at St Etienne (42 - France), propose to its customers a wide range of innovative groups of filtration.

Today, FILTRINOV is in full development and its relationships, with pool experts, helps the expansion of its list of international customers.

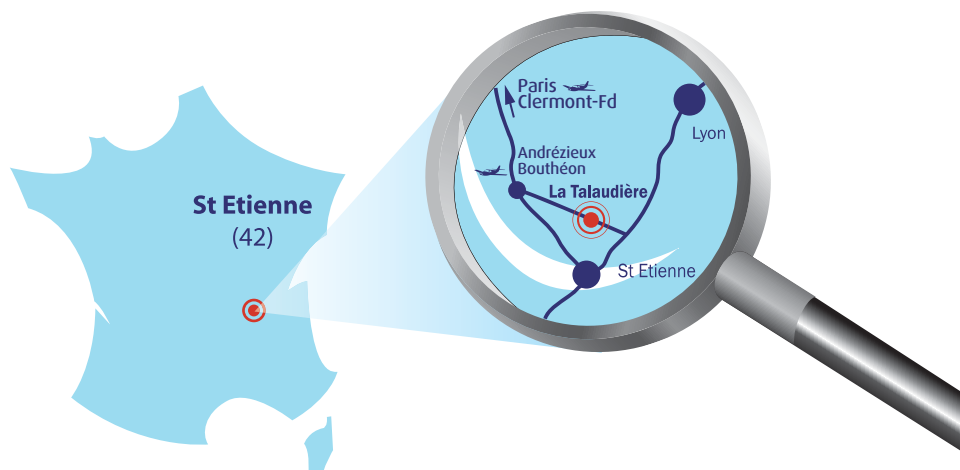
Thanks to an area of 800 m<sup>2</sup>, FILTRINOV has an important capacity of production and storage.

FILTRINOV develops and conceives new products to widen its range.

FILTRINOV has the advantage of integrating its own research department, where products are conceived in 3D, what allows to develop quickly, at a low cost and in full autonomy, specific products.



## ■ Where are we?

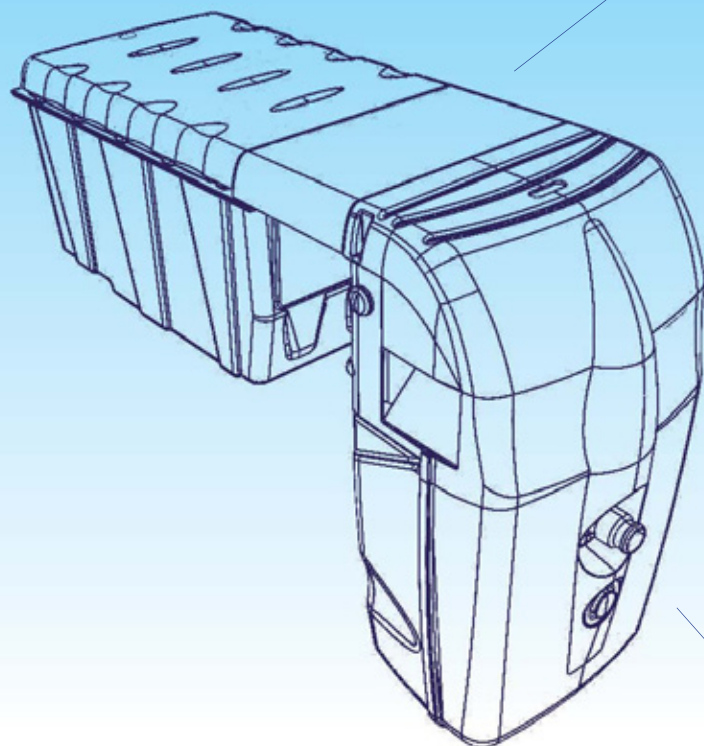


- 60 km from Lyon,
- 520 km from Paris by motorway and 1hour by plane.
- 330 km from Marseille by motorway
- 537 km from Toulouse

# Presentation of the company & its products

## ■ Presentation of our products and specificities

### ■ Advantages :



#### Esthetic

Perfect integration in the environment of the swimming pool, incorporates all the functions.

#### Simple

Automatic operation, no daily supervision.

#### Economic

no investment in the construction of a technical room.

#### Effective

Excellent filtration for a pure and healthy water



### ■ Why choosing our filtration units?

- The filtration unit allows to sell more pools because less time is needed for the construction and does not require swimming pool technicians and electricitrians.

- With the group of filtration, the interventions of the technicians according to the progress of the construction site are minimized.

- The group of filtration, thanks to its evolution capacities, allows to sell standard groups and add it gradually the options. **You sell then the options** (swim counter-current , treatment with salt) **later according to the budget of the customer.**

- For the renovation market, our unit is well adapted, because it avoids very high costs of renovation of pipings and filtration equipments. In the case of large swimming pools, it is easy and always economic to install 2 units.

- The filtration unit is also interesting for the owner who sales its house, who reconditions the swimming pool at a lower cost and produces the attractive operation of purchase.

- The group of filtration incorporates all the functions and is very easy to install.



# Reference product : FB12

An adapted product pools until 45m<sup>3</sup> :

## ■ FB 12

>> Pool (until 45 m<sup>3</sup>)



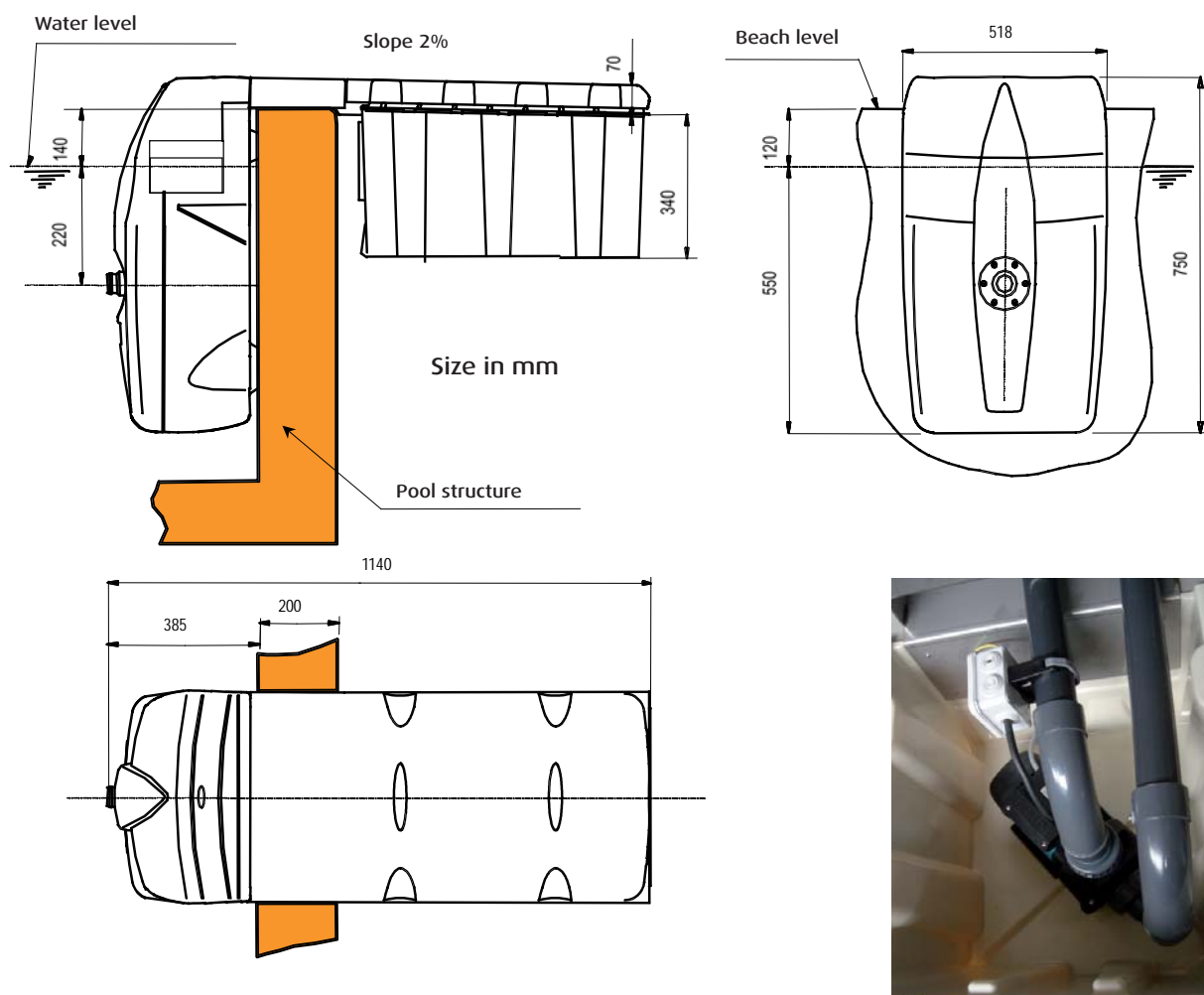
### Technical characteristics of filtration unit

Filtration pump	Power returned 0,5 kW
Flow rate	12 m <sup>3</sup> /h
Filter	Two cartridge filters
Filtration fineness	25 microns
Filtration area	4,5 m <sup>2</sup>
Shell	Realization in ABS-PMMA materials (thermoformed)

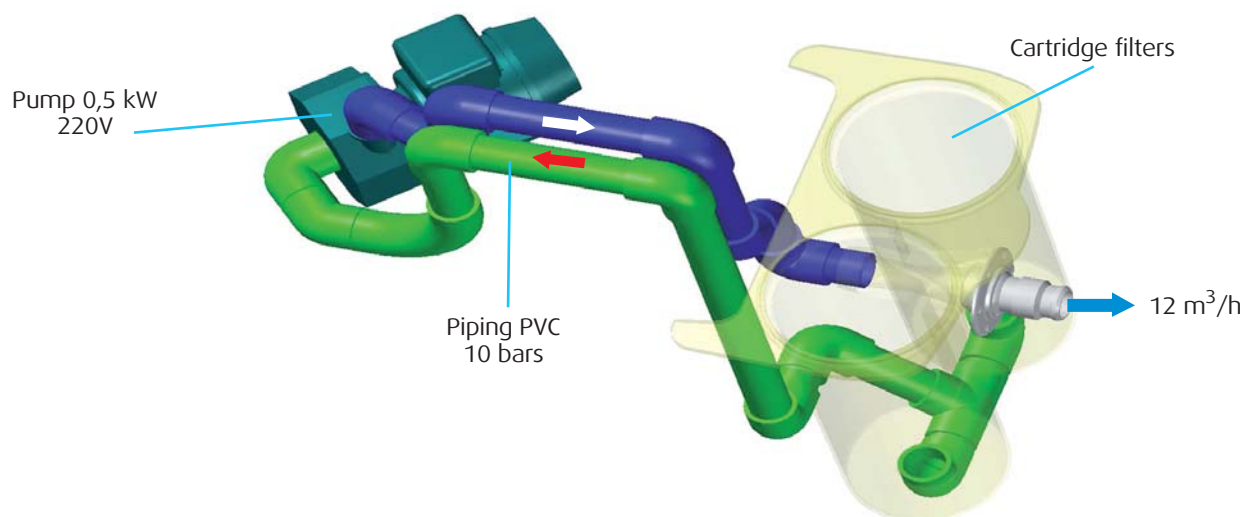
### Standard equipment

- A** Removable cover with a mechanical safety (lock)
- B** Control box for filtration (automatic or manual) and lighting
- C** Buried part containing :  
- **filtration pump** (12m<sup>3</sup>/h)
- D** Double **filtration cartridges** + **basket collecting leaves**
- F** **Skimmers**, two openings for water suction
- G** Directional heavy flow rate
- H** **Spotlight**

## Side plan of FB12



## General diagramm of FB12



## Reference product : MX - COO

Two adapted products depending the pools' sizes :

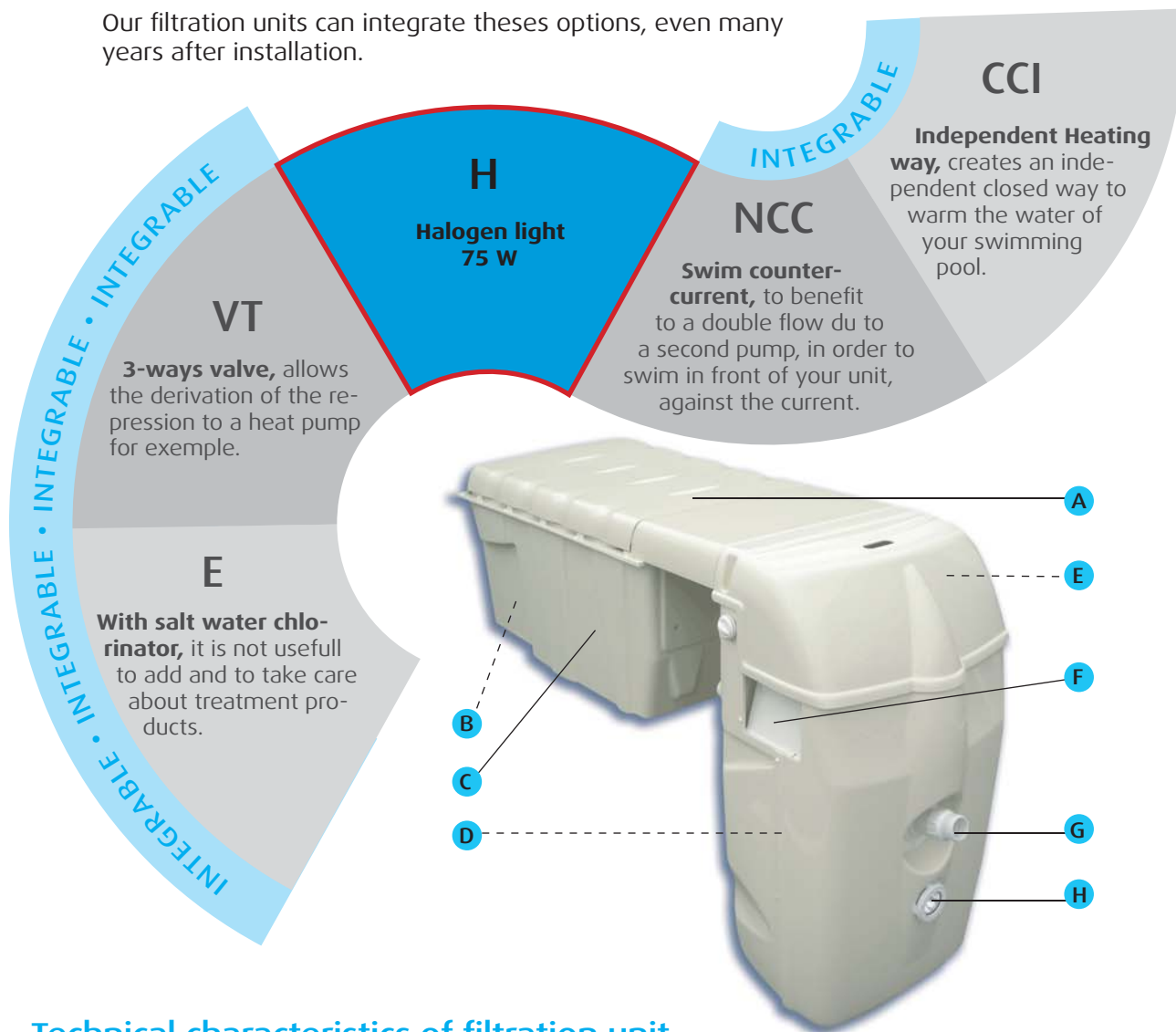
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

Our filtration units can integrate theses options, even many years after installation.



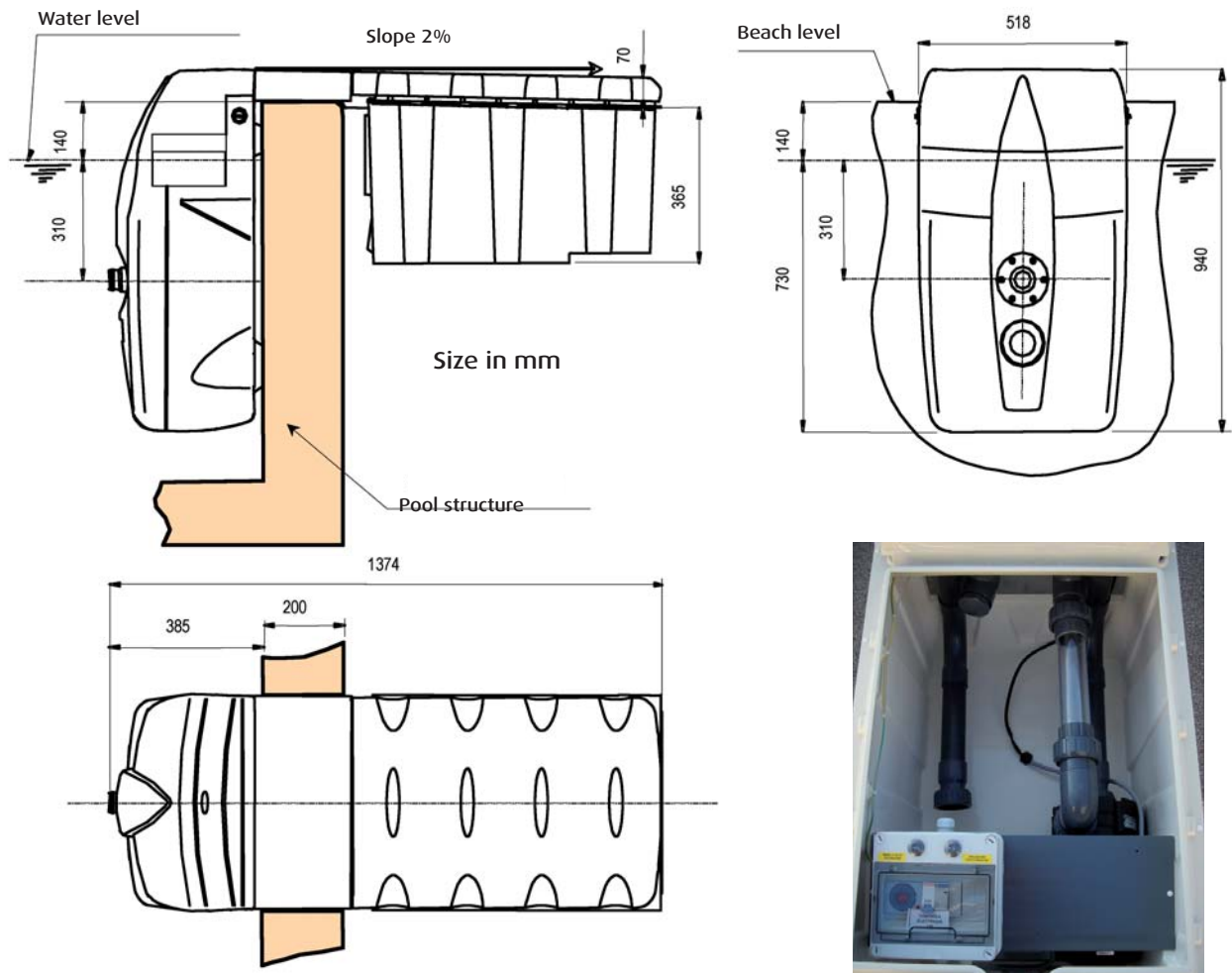
## Technical characteristics of filtration unit

	MX 18	MX 25
Filtration pump	Power returned 0,75 kW (1 ch)	Power returned 1,1 kW (1,5 ch)
Flow rate	18 m <sup>3</sup> /h	25 m <sup>3</sup> /h
Swim counter-current pump	Identical to filtration pump : power engine 0,75 kW Flow rate : 36 m <sup>3</sup> /h	Identical to filtration pump : 1,1 kW Flow rate : 50 m <sup>3</sup> /h
Filter	Two cartridge filters	
Filtration fineness	25 microns	
Filtration area	9 m <sup>2</sup>	
Lighting	Halogen lamp 75 W	
Electrolyser with salt	Reverse polarity for cleaning system. 4 g of salt/litre.	
Shell	Realization in ABS-PMMA materials (thermoformed)	

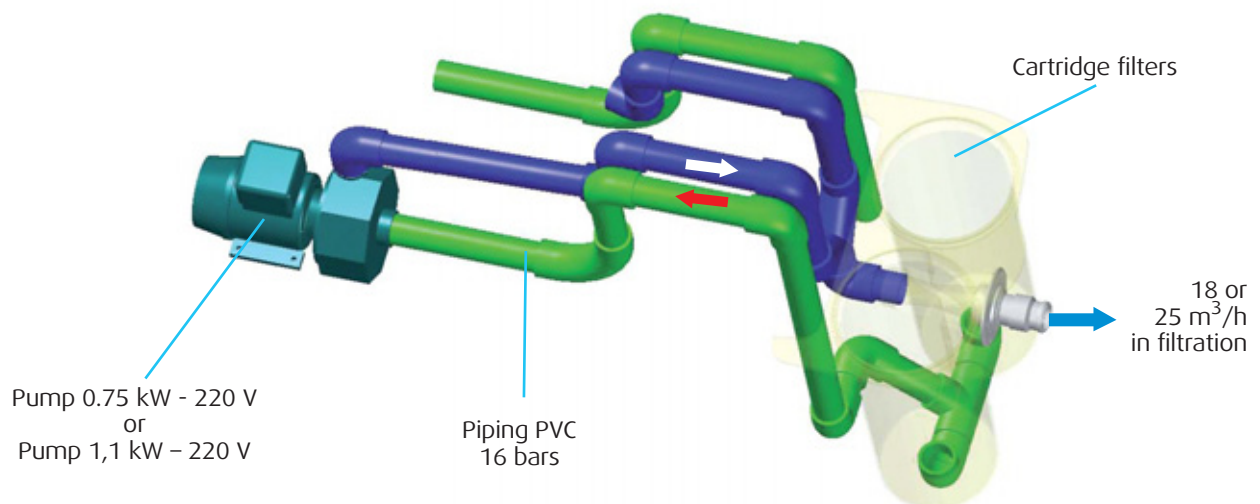
## Standard equipment

- A** Removable cover with a mechanical safety (lock)
- B** Control case for filtration (automatic or manual) and lighting
- C** Buried part containing :  
- filtration pump (12m<sup>3</sup>/h)
- D** Double filtration cartridges + basket collecting leaves
- E** Balneotherapy (Air flow rate adjustment for massage functions)
- F** Skimmers, two openings for water suction
- G** Directional heavy flow rate
- H** Spotlight

## Dimensional plan of MX (all the range)



## General diagramm of MX COO



# Reference product : MX - CNO

Two adapted products depending the pools' sizes :

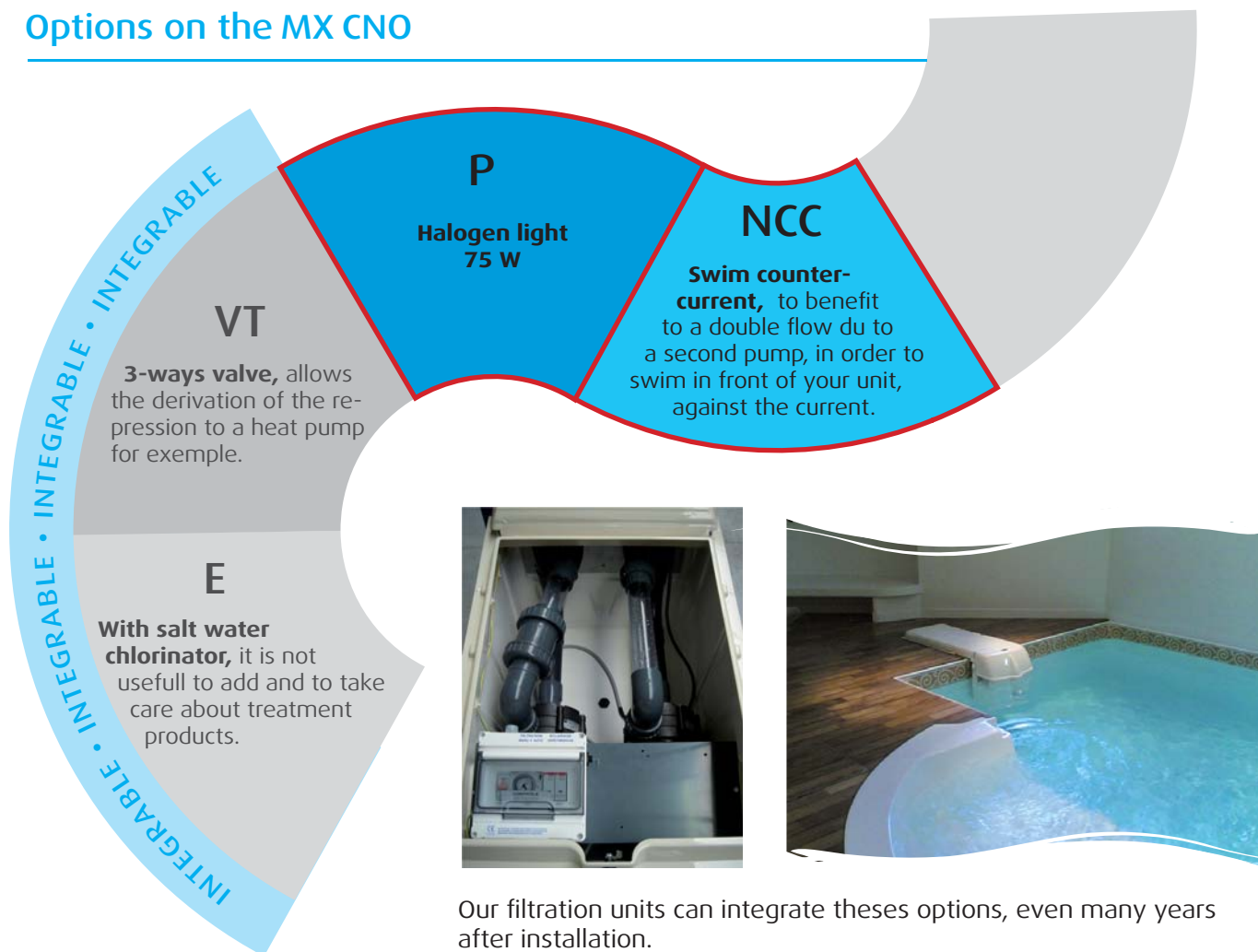
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX CNO



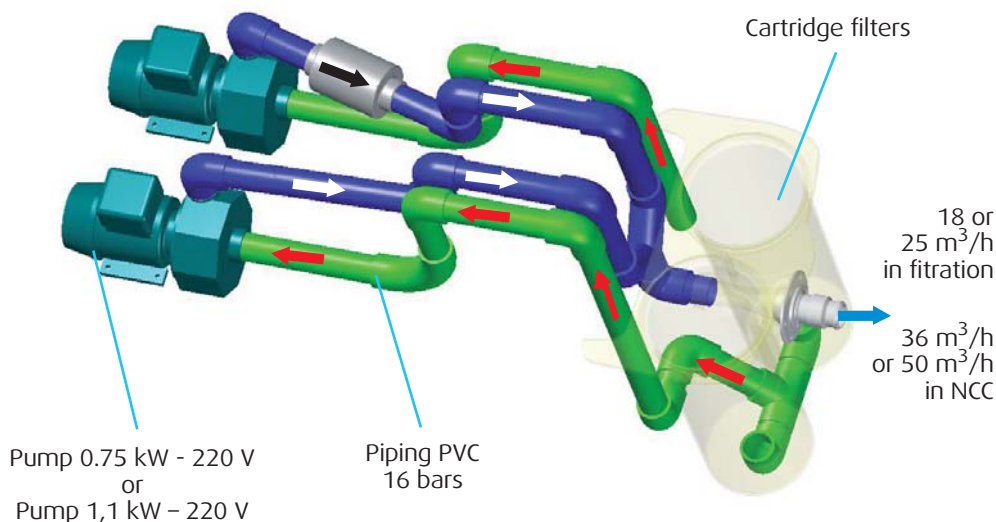
Our filtration units can integrate these options, even many years after installation.

### Characteristics

#### • NCC

Composed of a hydraulic network, a pump and a special electrical box.

### General diagramm of MX CNO





# Reference product : MX - COE

Two adapted products depending the pools' sizes :

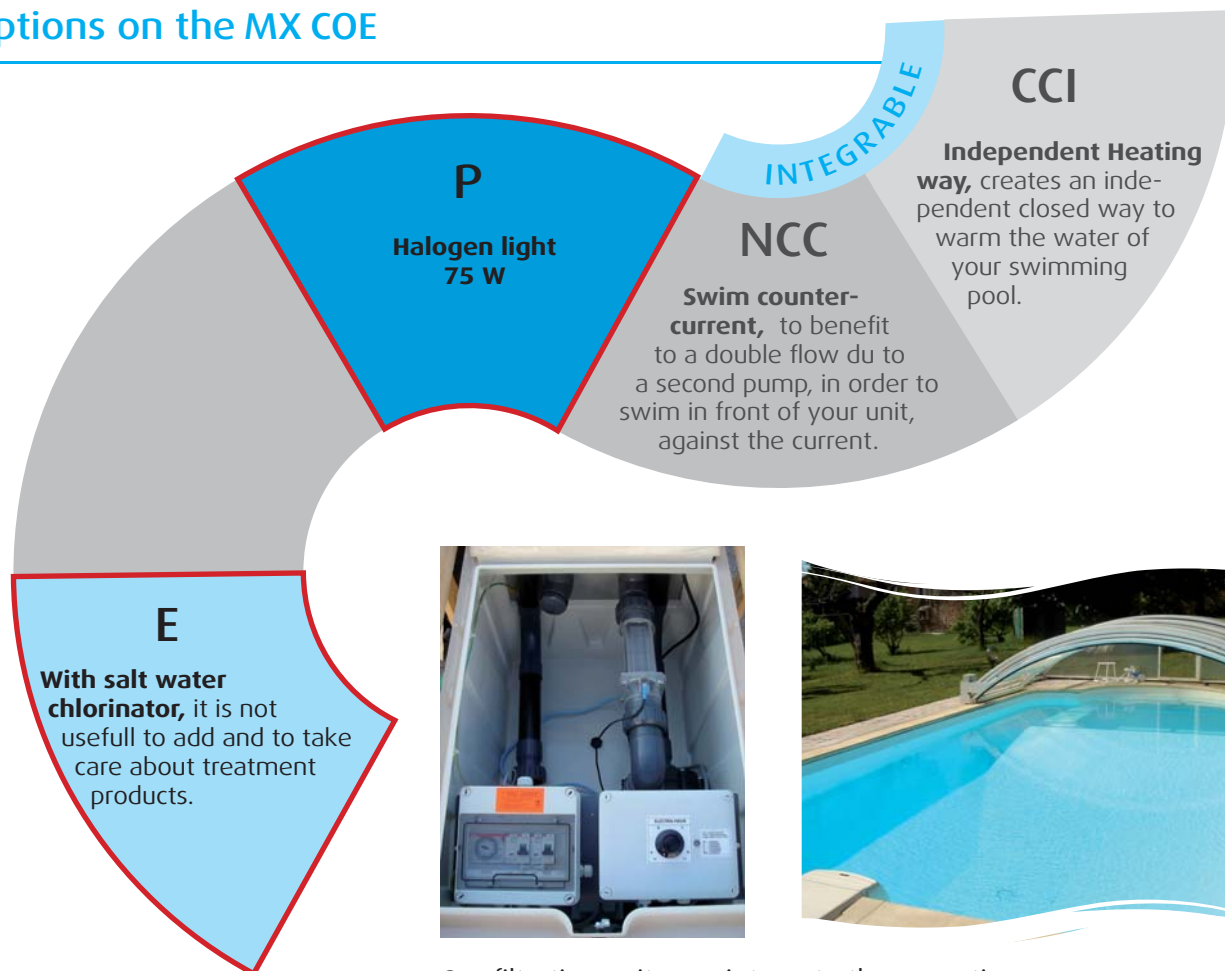
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX COE



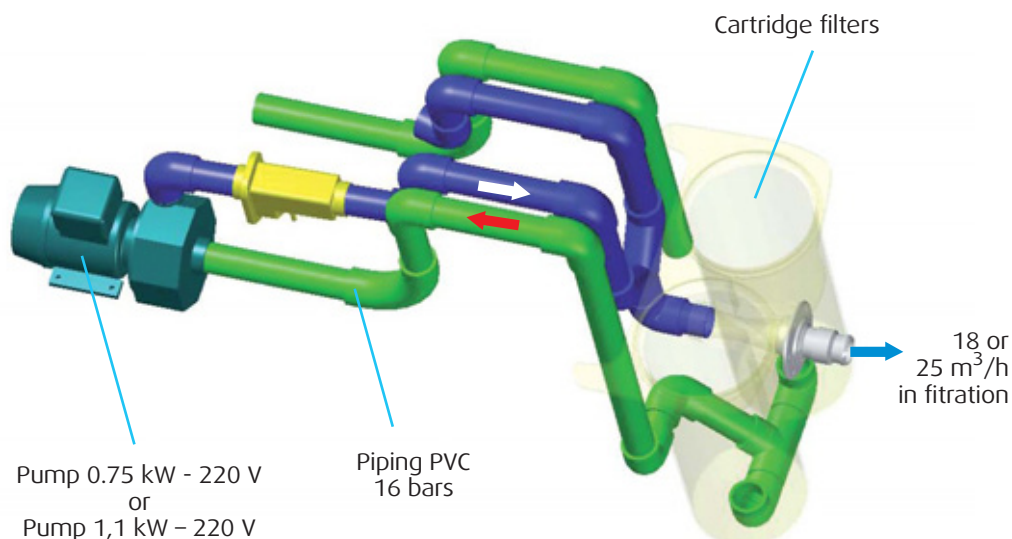
Our filtration units can integrate these options, even many years after installation.

### Characteristics

#### • E

Composed of a cell and its electrical card, an electrical box and a transformer 2\*24V.

### General diagram of MX COE



# Reference product : MX - CNE

Two adapted products depending the pools' sizes :

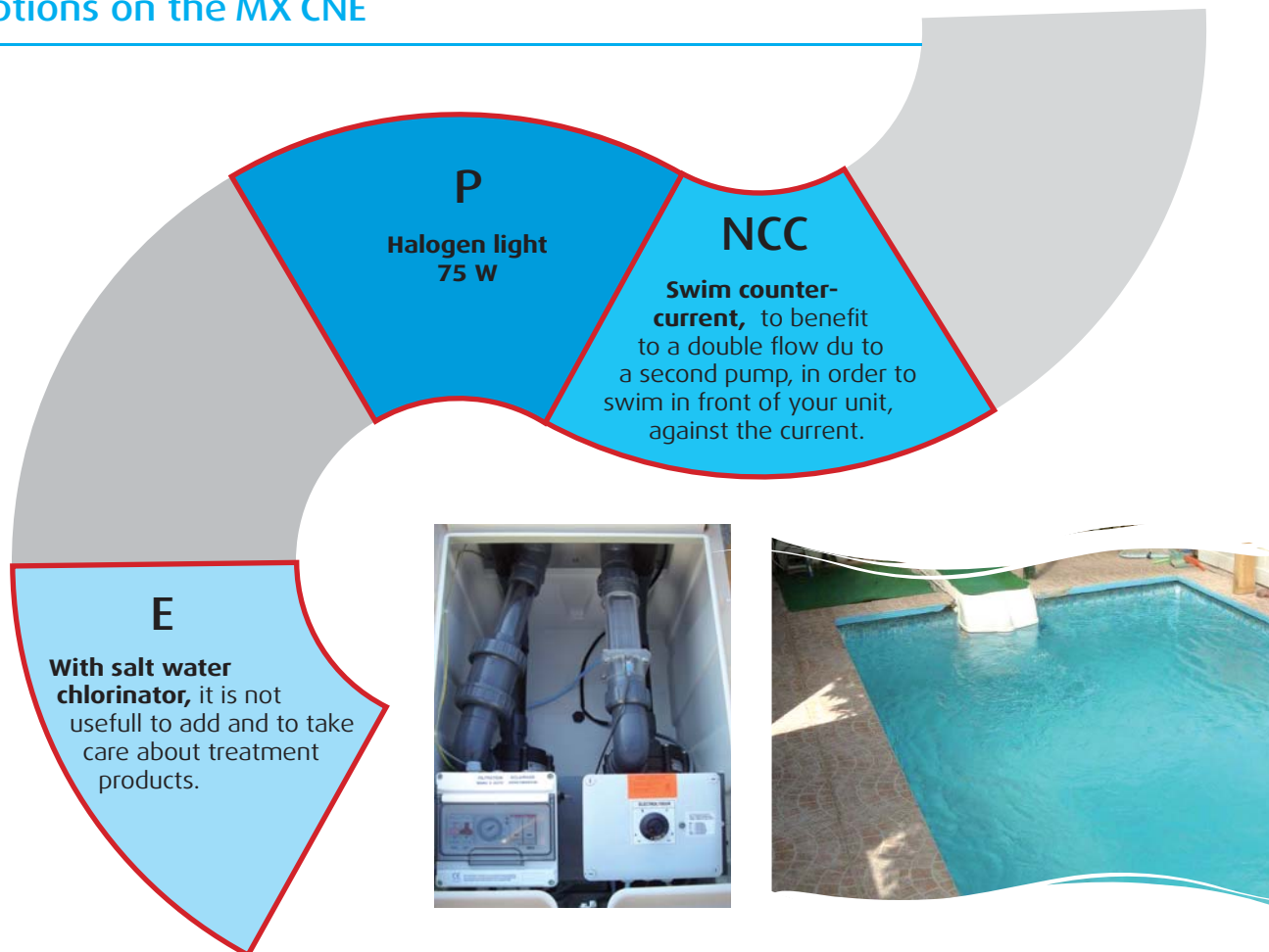
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX CNE



### Characteristics

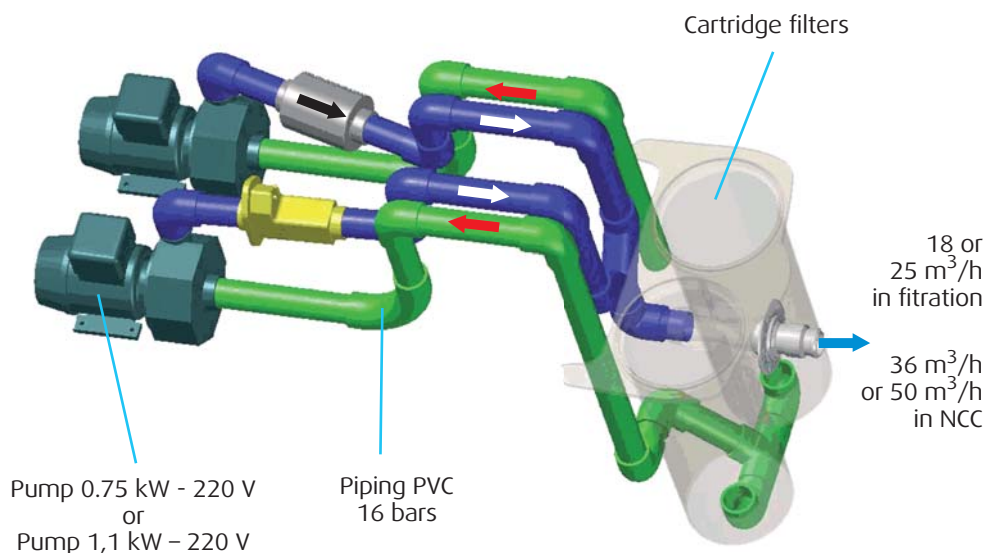
#### • NCC

Composed of a hydraulic network, a pump and a special electrical box.

#### • E

Composed of a cell and its electrical card, a electrical bow and a transformer 2\*24V.

### General diagramm of MX CNE



# Reference product : MX - COO VT

Two adapted products depending the pools' sizes :

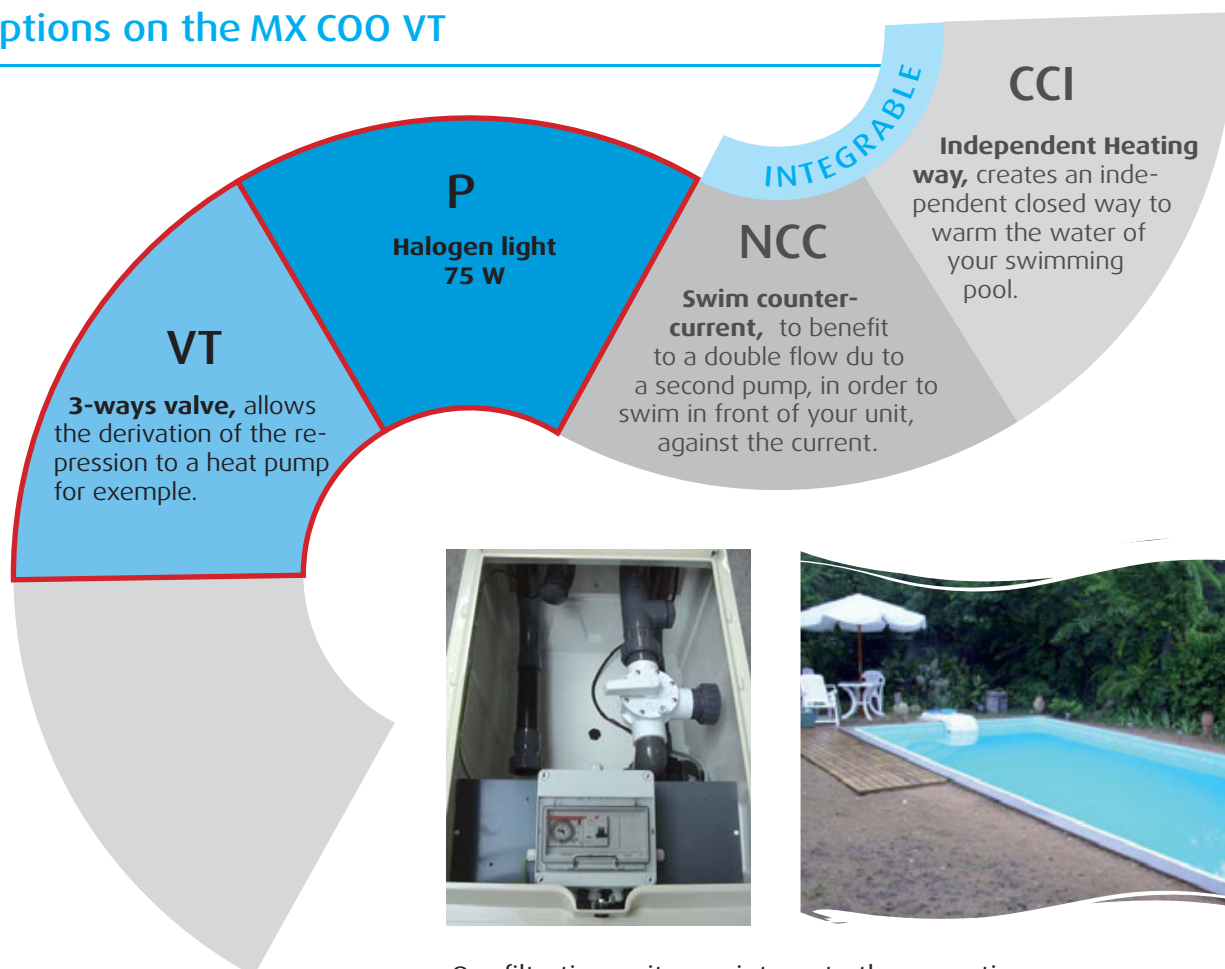
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX COO VT



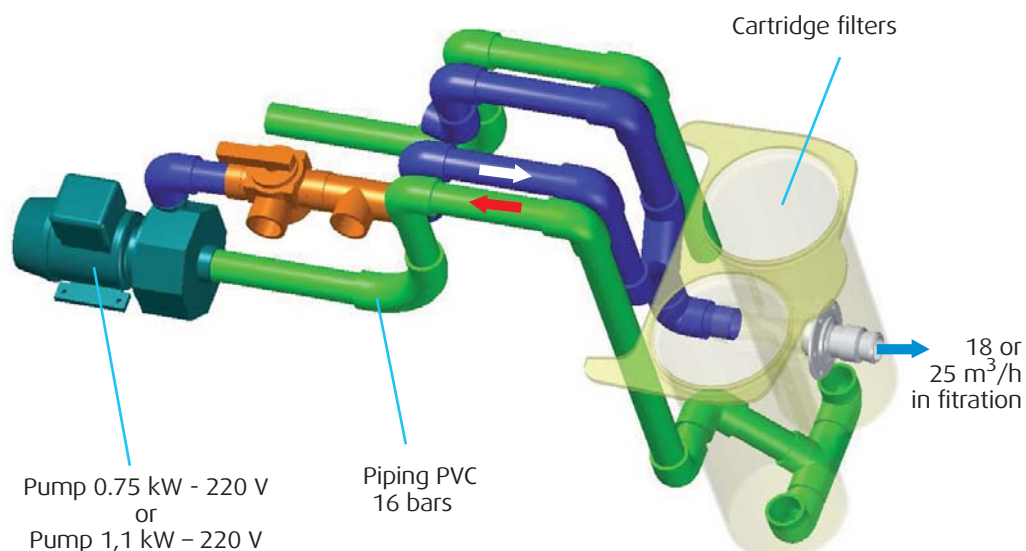
Our filtration units can integrate theses options, even many years after installation.

### Characteristics

#### • VT

Used for the derivation of the repression towards a heat pump for exemple. The option is composed of 3-ways valve (to connect the inlet of the heat-pump) and a «T» (to connect the outlet of the heat-pump)

### General diagramm of MX COO VT



# Reference product : MX - CNO VT

Two adapted products depending the pools' sizes :

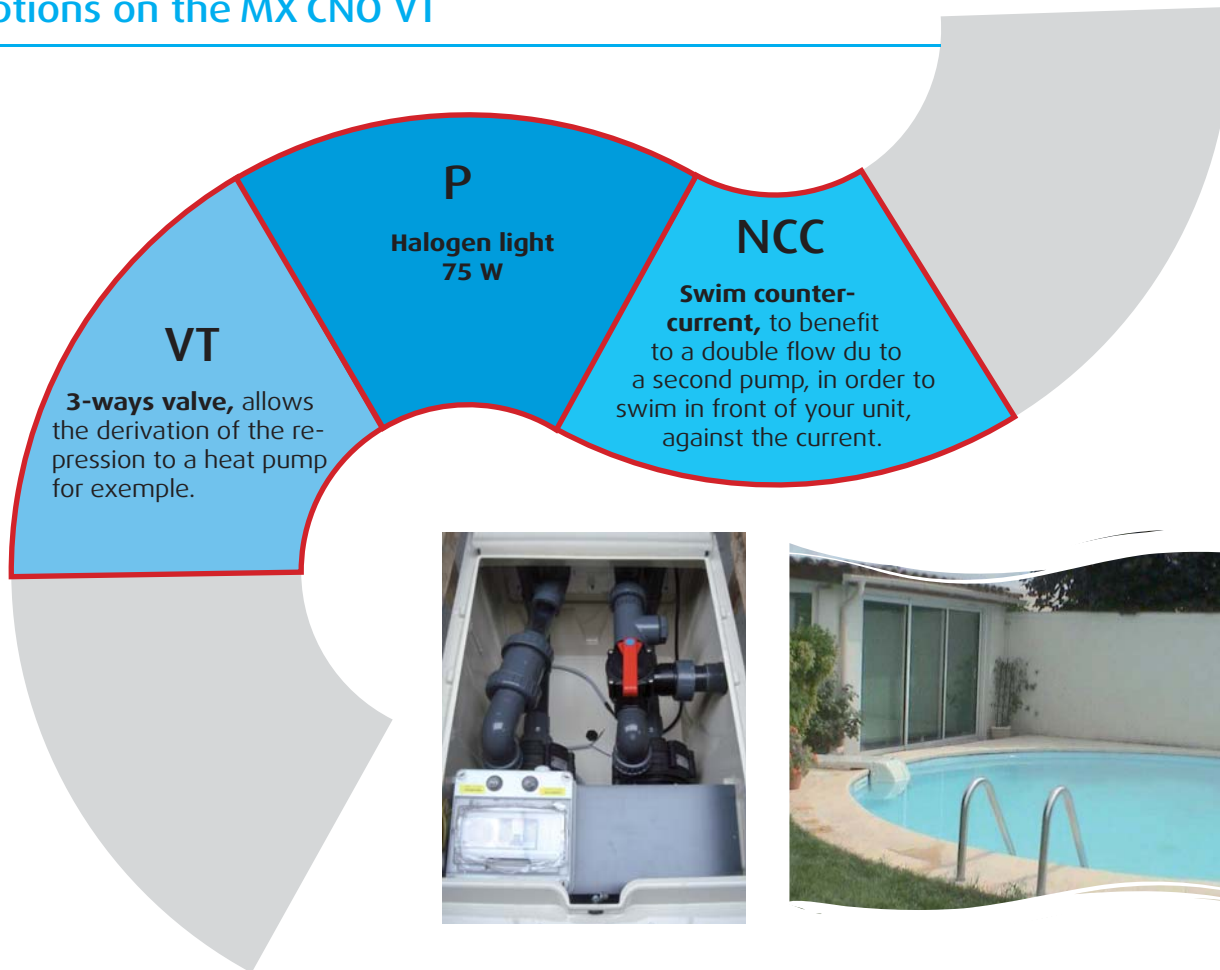
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX CNO VT



### Characteristics

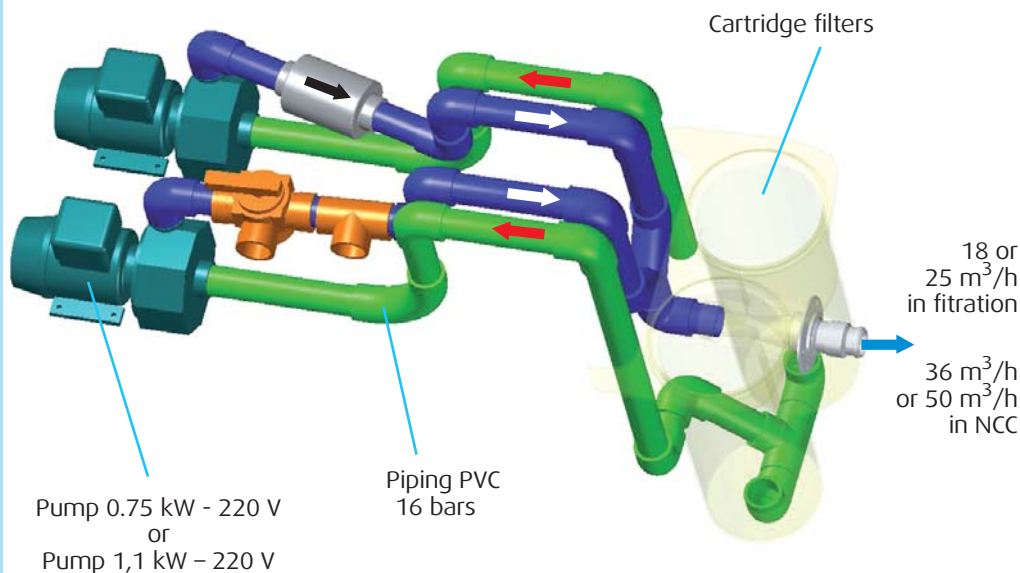
#### • NCC

Composed of a hydraulic network, a pump and a special electrical box.

#### • VT

Used for the derivation of the repression towards a heat pump for example. The option is composed of 3-ways valve (to connect the inlet of the heat-pump) and a «T» (to connect the outlet of the heat-pump)

### General diagramm of MX CNO VT





# Reference product : MX - COO CCI

Two adapted products depending the pools' sizes :

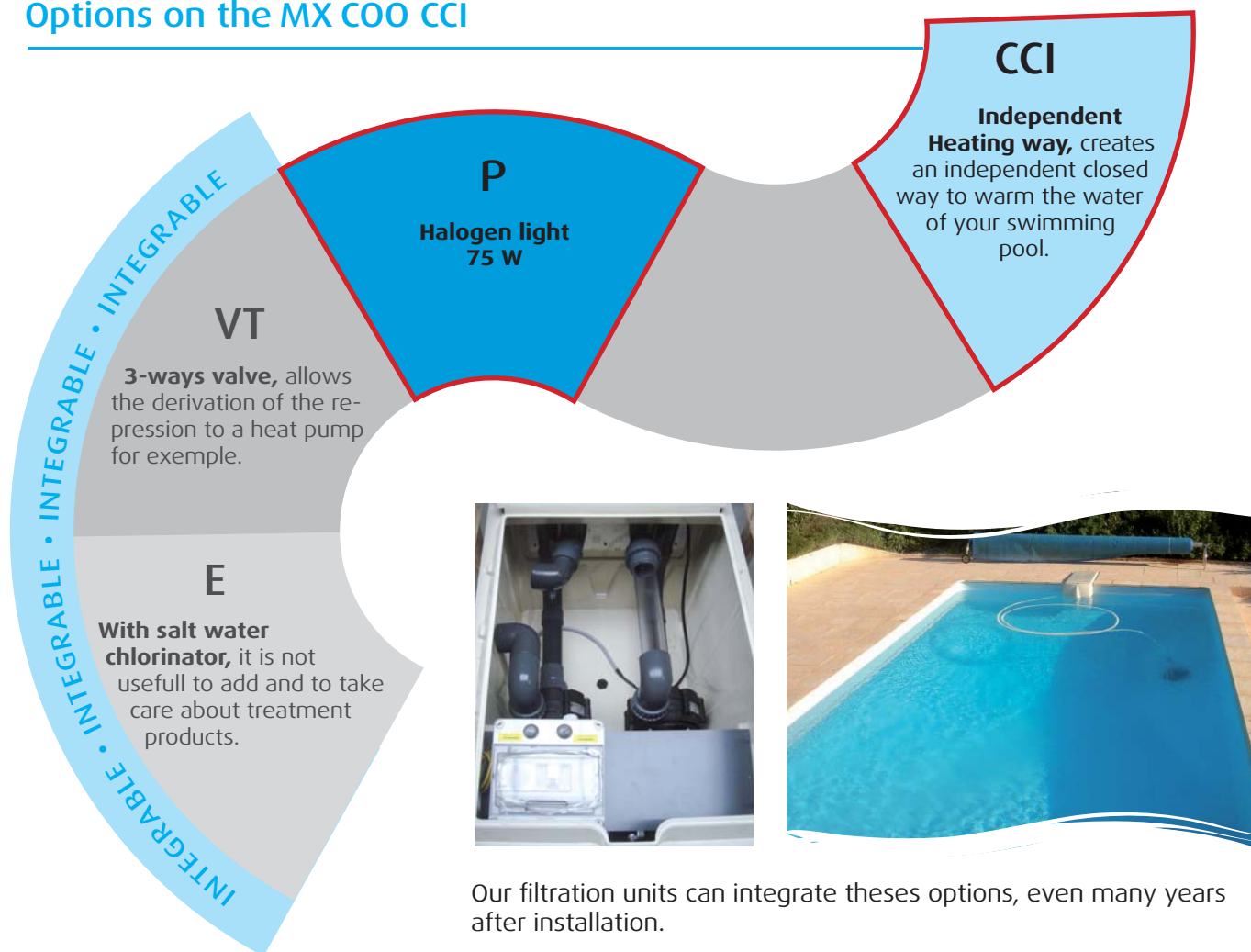
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

### Options on the MX COO CCI

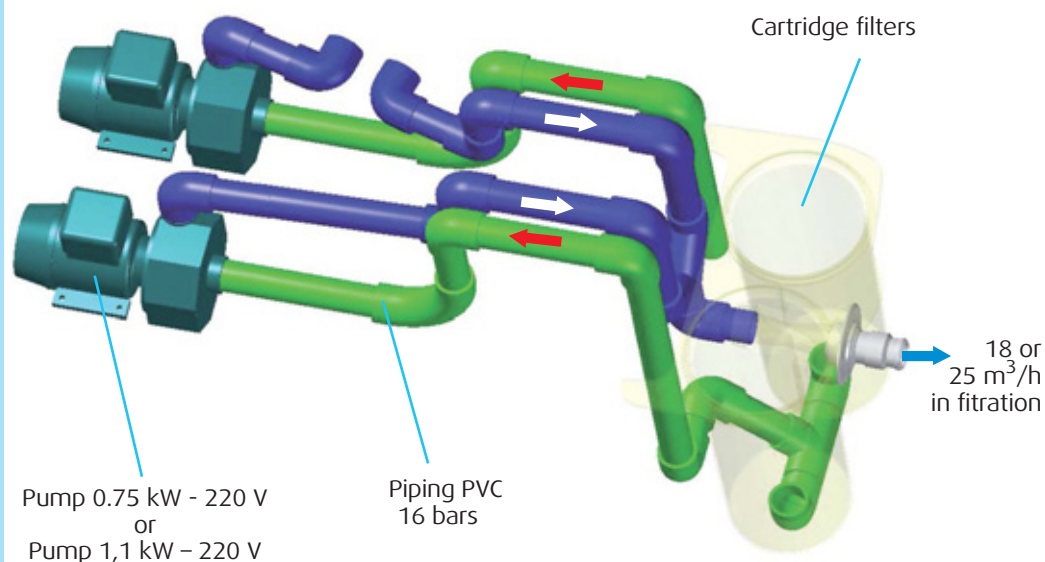


### Characteristics

#### • CCI

Composed of a 14 m<sup>3</sup>/h pump, independent thanks to a programmation clock.

### General diagramm of MX COO CCI



# Reference product : MX - COE CCI

Two adapted products depending the pools' sizes :

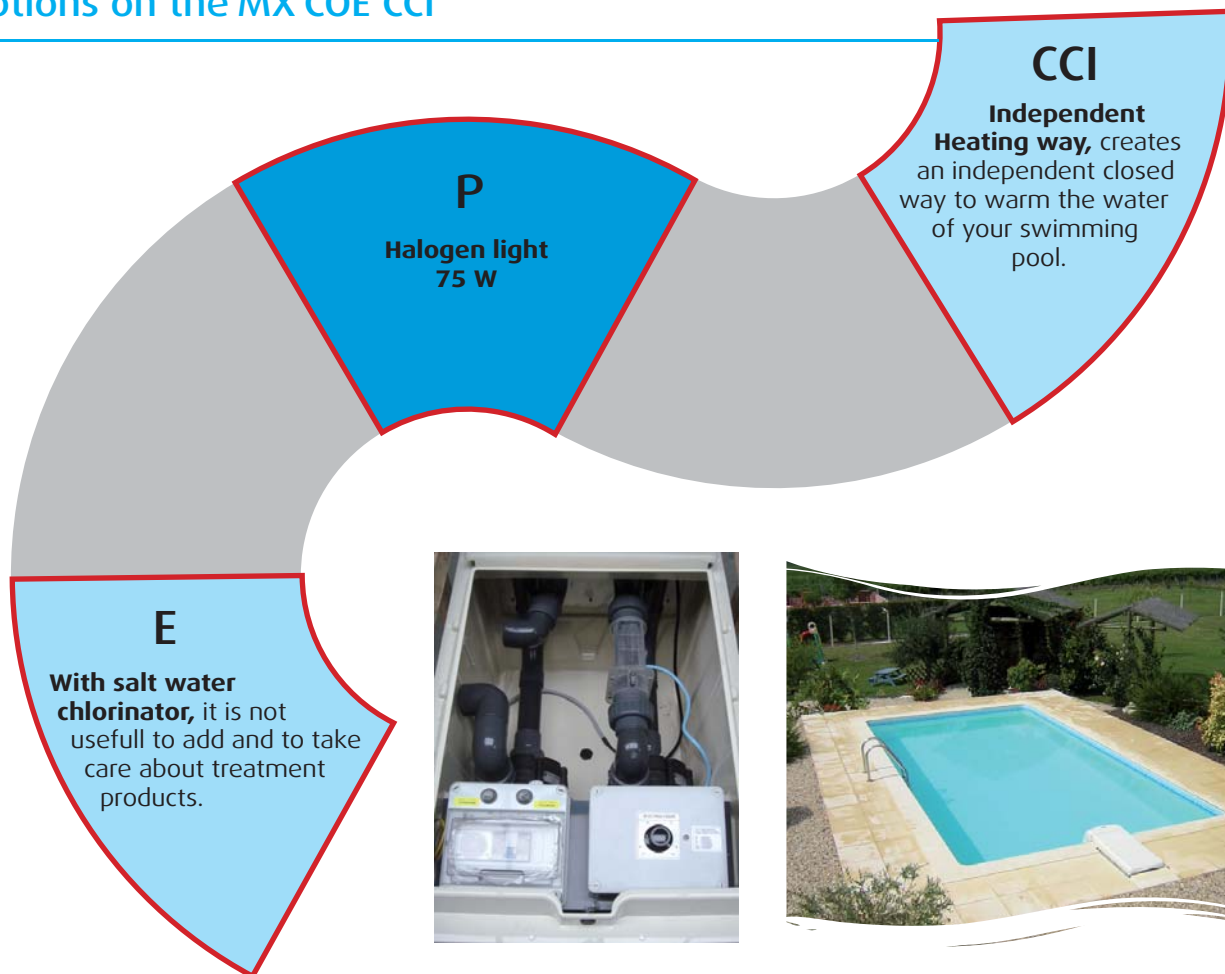
## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)

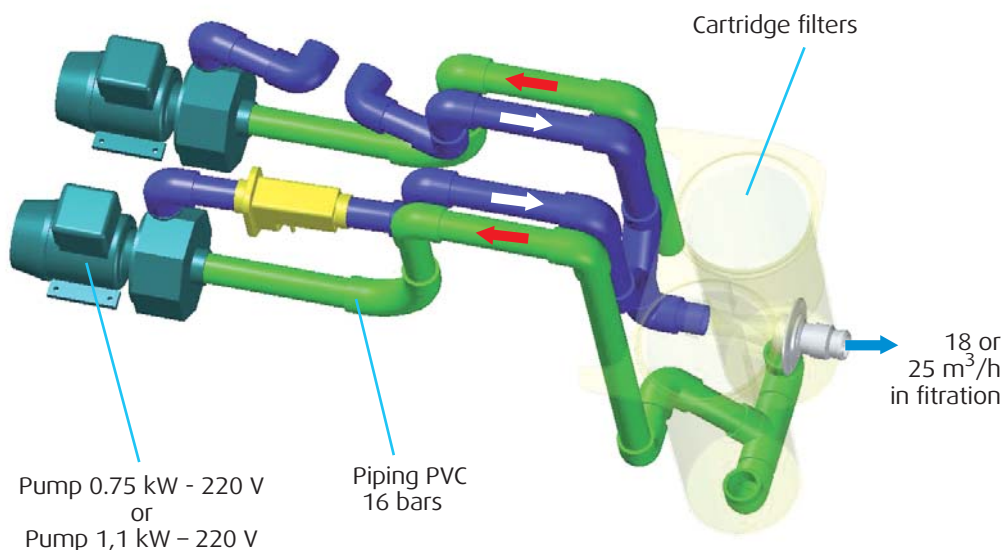
### Options on the MX COE CCI



### Characteristics

- **E**  
Composed of a cell and its electrical card, a electrical bow and a transformer 2\*24V.
- **CCI**  
Composed of a 14 m<sup>3</sup>/h pump, independente thanks to a programmation clock.

### General diagramm of MX COE CCI



# Reference product : MX - C 000

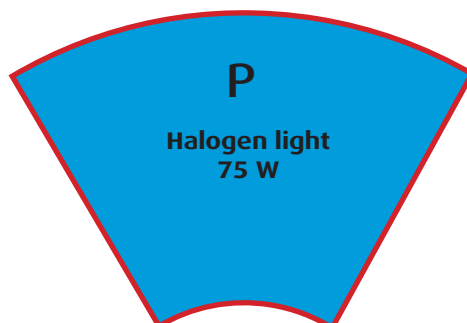
Two adapted products depending the pools' sizes :

## ■ MX18

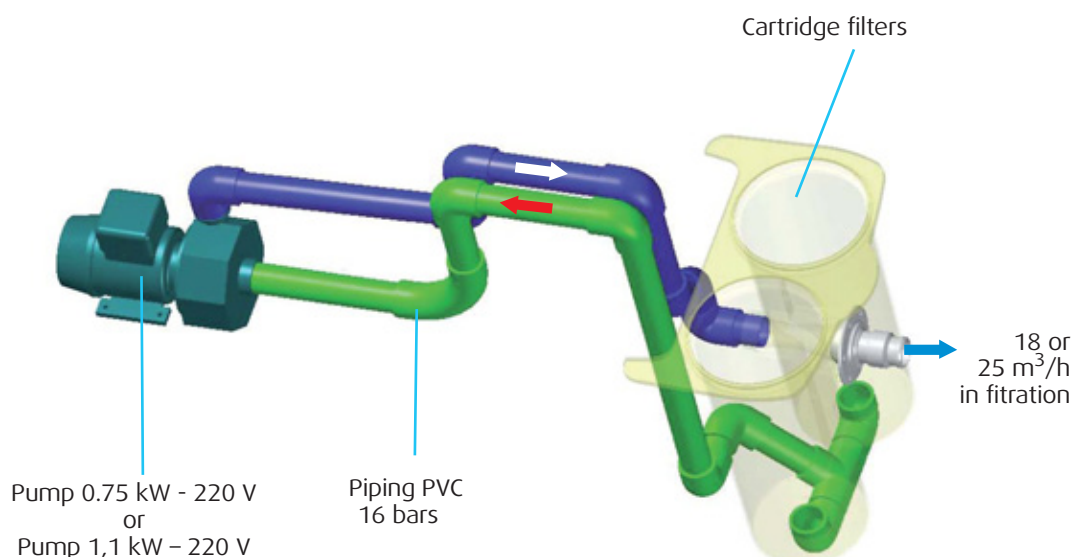
>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)



## General diagramm of MX C 000



# Reference product : MX - PSA

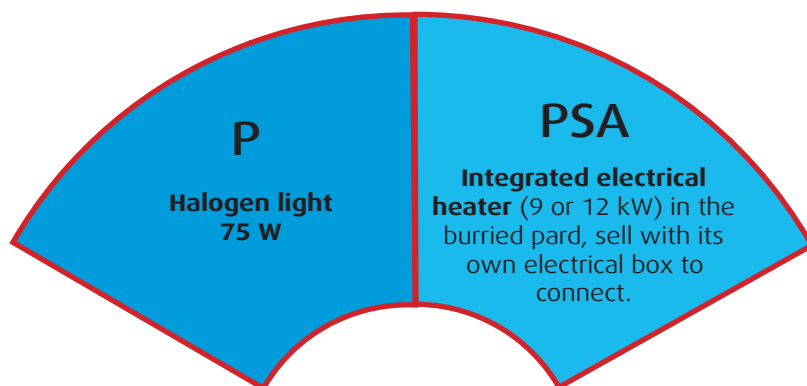
Two adapted products depending the pools' sizes :

## ■ MX18

>> Pool (until 80 m<sup>3</sup> max.)

## ■ MX25

>> Pool (until 110 m<sup>3</sup>)



### Connector block + electrical control box

- Integrated connector box, already cabled for the pump and the light

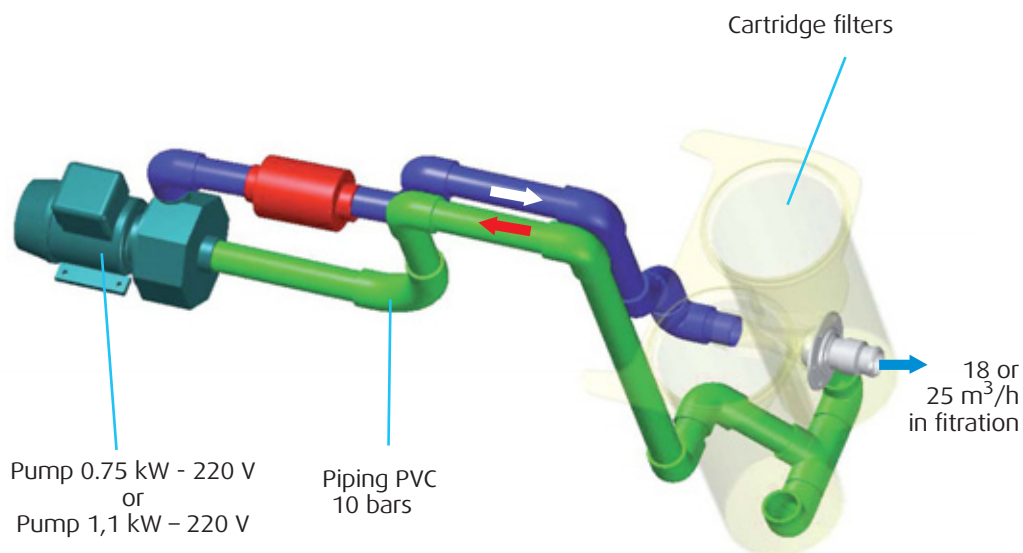
- Electrical box to connect outside (possible in single-phase or three-phase)

## Characteristics

### • PSA

- Composed of an electrical heater.
- Power : 9 or 12 kW
- Thanks to its digital regulator, you can select the temperature of pools. The electrical boxes can be made in Single-phase or three-phase.

## General diagramm of MX PSA





# Various options

Our filtration units can evolve.

They are made as you can integrate these options, even many years after installation.

Thanks to their simplicity and with a detailed file, these options can be integrated easily, even by the private.



## Option : Swimming counter current

Composed of an hydraulic network, a pump and an electrical box. To add this option, just change the «old» electrical box, plug the new pump and fix the hydraulic network upto the new pump.



## Option : Salt water chlorinator

Composed of a cell and its electronic card, an electrical box and a transformer 2\*24V. To add this option, just place the cell and the transfo, and plug them to the electrical boxes.



## Option : Circuit Chauffage Indépendant

To get this option, just place the new 14 m3/h pump next to the filtration one and plug it to the new electrical box.



## Option : 3 ways valve

To get this option, just place the hydraulic network. This option is composed of a 3-ways valve ( to connect the inlet of the heat-pump) and a «T» (to connect the outlet of the heat-pump).

- The different steps of installation for the renovation for your pool thanks to our filtration unit :



1 - Opening of the cover



2 - General establishment



3 - Tracing of cutting



4 - Cut out with diamond



5 - Power pick



6 - End of large work



7 - Presentation of the group



8 - The following day



## ■ Packings

A deep care was developed to have a solid and practical packaging.  
Further to the standard NIMP15, FILTRINOV is able to supply you treated boxes.



### Dimensions of FB

Length :	1,26 m
Width :	0,61 m
Height :	0,90 m
Gross Weight :	39 kg

### Dimensions of MX

Length :	1,50 m
Width :	0,61 m
Height :	1,09 m
Gross Weight :	80 kg

## ■ Containers



It is possible to put 24 units MX in a 20 feet container.

It is possible to put 52 units MX in a 40 feet container.





## Characteristics : Massage hose

For repression 40mm  
Massage hose which fit on the nozzles of any our units.

Réf : MX TUYAU MASSAGE



## Characteristics : Adaptation for repression robot

Réf : MX PRISE ROBOT



## Characteristics : Adaptation for brush and aspiration robot

Réf : MX SKIM VAC



## Characteristics : Pneumatic button to activate the swim counter-current

Réf : MX1825 E62



## Characteristics : Button of air venturi for the balneotherapy

Réf : MX1825 E61



**Characteristics :**

Control box embarked in MX18C 000 and MX18 C00.

It is equipped with 2 switches. One allowing the startup (or the stop) of filtration and one allowing the startup (or the stop) of lighting.

Moreover, this box is equipped with a clock allowing the programming of your filtration, with a circuit breaker for lighting and a contactor for the pump of filtration.

Réf: MX COFFRET 000

**Characteristics :**

Control box embarked in MX18CN0.

It is equipped with 2 switches. One allowing the startup (or the stop) of filtration and one allowing the startup (or the stop) of lighting.

Moreover, this box is equipped with a clock allowing the programming of your filtration, with a circuit breaker for lighting and 2 contactors ( 1 for the pump of filtration and 1 for the swim counter-current).

Réf: MX COFFRET CN0

**Characteristics :**

Control box embarked in MX18C0E and MX18CNE.

It is equipped with 2 switches. One allowing the startup (or the stop) of filtration and one allowing the startup (or the stop) of lighting.

Moreover, this box is equipped with a clock allowing the programming of your filtration, with 2 circuit breakers (for lighting and for the electrolyse) and 2 contactors ( 1 for the pump of filtration and 1 for the swim counter-current).

Réf: MX COFFRET CNE

Our filtration groups are equipped of 1 or 2 transformeurs (it depends of the options).  
The 2 transformeurs (in case of MX18/25C0E or MX18/25 CNE) are fixed on the same plate.

**Characteristics :**

**Transformateur** 230/12v – 150 VA  
pour l'éclairage

In : per cable : 2 times 1mm<sup>2</sup>

Out : per cable : 2 times 2,5mm<sup>2</sup>

Réf: MX TRANSFO 12 V

**Characteristics :**

**Transformateur** 230/2x24v – 150 VA

For lighting :

In : per cable : 2 times 1mm<sup>2</sup>

Out : per cable : 3 times 1,5mm<sup>2</sup>

Réf: MX TRANSFO 2x24V



**Characteristics : Tube of repression**  
Large directional flow  
Diam : 40 mm

Réf : MX BUSE REF



**Characteristics : Pump FB 12**

Mark : ESPA / Pump of 12m<sup>3</sup>/h / Power 0,5 KW.

Réf : FB POMPE 12



**Characteristics : Pump MX 18**

Mark : SPECK / Pump of 18m<sup>3</sup>/h / Power 0,75 KW.

A second pump is associated to the filtration pump in case of swimcounter-cuurent. So, we obtain a swim counter-cuurent of about 36m<sup>3</sup>/h

Réf : MX POMPE 18



**Characteristics : Pump MX 25**

Mark : SPECK / Pump of 25m<sup>3</sup>/h / Power 1,10 KW.

A second pump is associated to the filtration pump in case of swimcounter-cuurent. So, we obtain a swim counter-cuurent of about 50m<sup>3</sup>/h

Réf : MX POMPE 25



**Characteristics : Projecteur**

Mark : HAYWARD  
PROJECTEUR HALOGENE BETON 75 W

Réf : MX PROJECTEUR 75W

All the thermoformed parts of the MX18 contain ABS/PMMA. what makes the product very resistant to UV; theses parts will change neither color nor of mechanical characteristics with years. These parts are guaranteed 2 years and can obviously be ordered again passed this time.



**Characteristics :**  
**Front part** which integrate light and repression

Réf : MX TH AVANT



**Characteristics : Lid only riveted**  
 This covers the hydraulic network

Réf : MXTH CAPOT RESEAU SUP



**Characteristics :**  
 Lid allowing to reach the cartridges and the baskets.

Réf : MX TH CAPOT FILTRE



**Characteristics : Lid of the room pumps**  
 This one has 2 skins. A foam allows to have a very quiet product.

Réf : MX TH CAPOT LOCAL POMPE



## Characteristics : Cartridge filtre

Surface of filtration 4,5 m<sup>2</sup> ;  
Smoothness of filtration 25 µ.  
High : 390 mm ;  
Ext. diam : 175 mm ;  
Open diam : 72 mm

Réf : MX CARTOUCHE UNICEL

## Characteristics : Cartridge filtre

Surface of filtration 4,5 m<sup>2</sup> ;  
Smoothness of filtration 25 µ.  
High : 185 mm ;  
Ext. diam : 175 mm ;  
Open diam : 72 mm

Réf : FB CARTOUCHE UNICEL



## Characteristics : Pré-Filter

- Easier and less frequent maintenance of the basin
- Spacing of cleanings of the filter cartridges
- Safeguarding of the pump and the whole of the material

Réf : MX NET SKIM



## Characteristics : Sheet collecting basket

Mark ASTRAL  
High : 100 mm  
Ext. diam : 190 mm  
Open diam : 145 mm

Réf : MX PANIER



## Characteristics : Skimmer

Mark SNTE  
High : 125 mm  
Length : 164 mm

Réf : MX SKIMMERS



**FILTRINOV widens its range :**

**We also make filtration unit adapted to YOUR swimming pool structure :**

- With or without light,
- Without pump,
- With or without cartridges (if we have your own sand-filter for example),
- Adapted lid : Structure drilling or total covering
- Sand filter,
- Drilling.



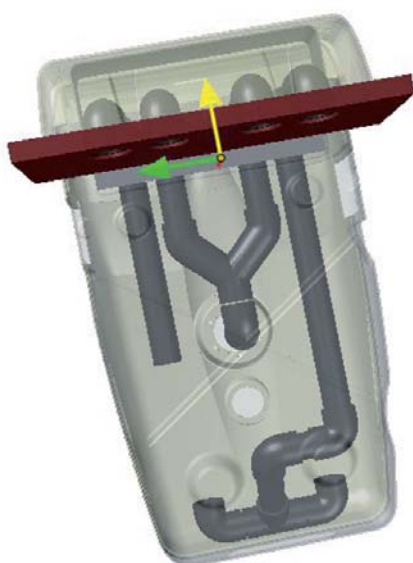
Front view



Back view



Bottom view



Inside composition example

**FILTRINOV** suggests you, according to the quantities, to integrate the options of your choice on your filtration unit. For possible adapted options, inform you directly with one of our saler. We shall indicate you the best adapted solution to your needs.

# Reference product : JET LUXE

Three adapted products depending your wishes :

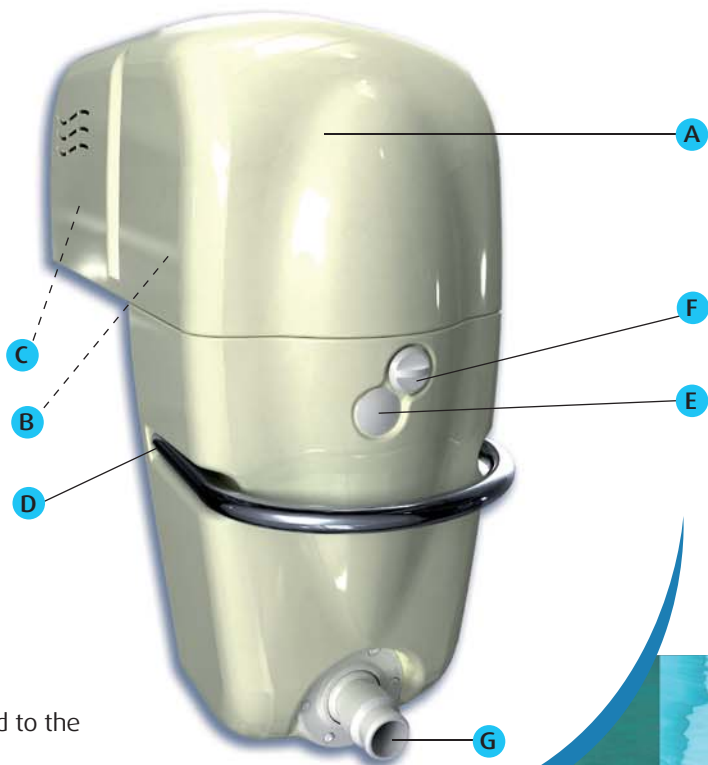
- JL30
- JL50
- JL70

Jet Luxe» range : Swim counter-current adapted to your wishes and your needs.



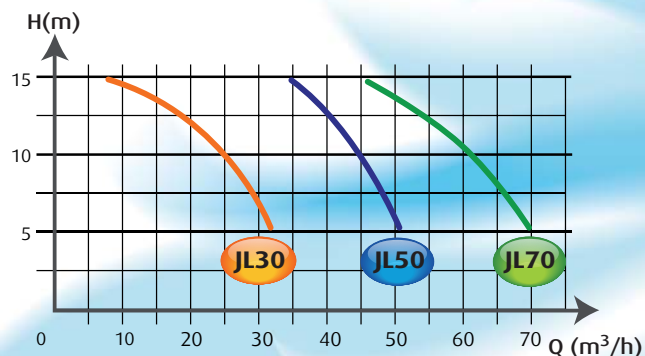
## Standard equipment

- A** **Cover** equiped of mechanic safety (screws) and electrical security
- B** **Cabled electrical box**
- C** **Swim counter-current pump**
- D** **Stainless handle** (for handling and being hold to the unit)
- E** **«Push button»** for start the unit
- F** **Balneotherapy** (Air flow rate adjustment for massage functions)
- G** **Directional heavy flow rate**

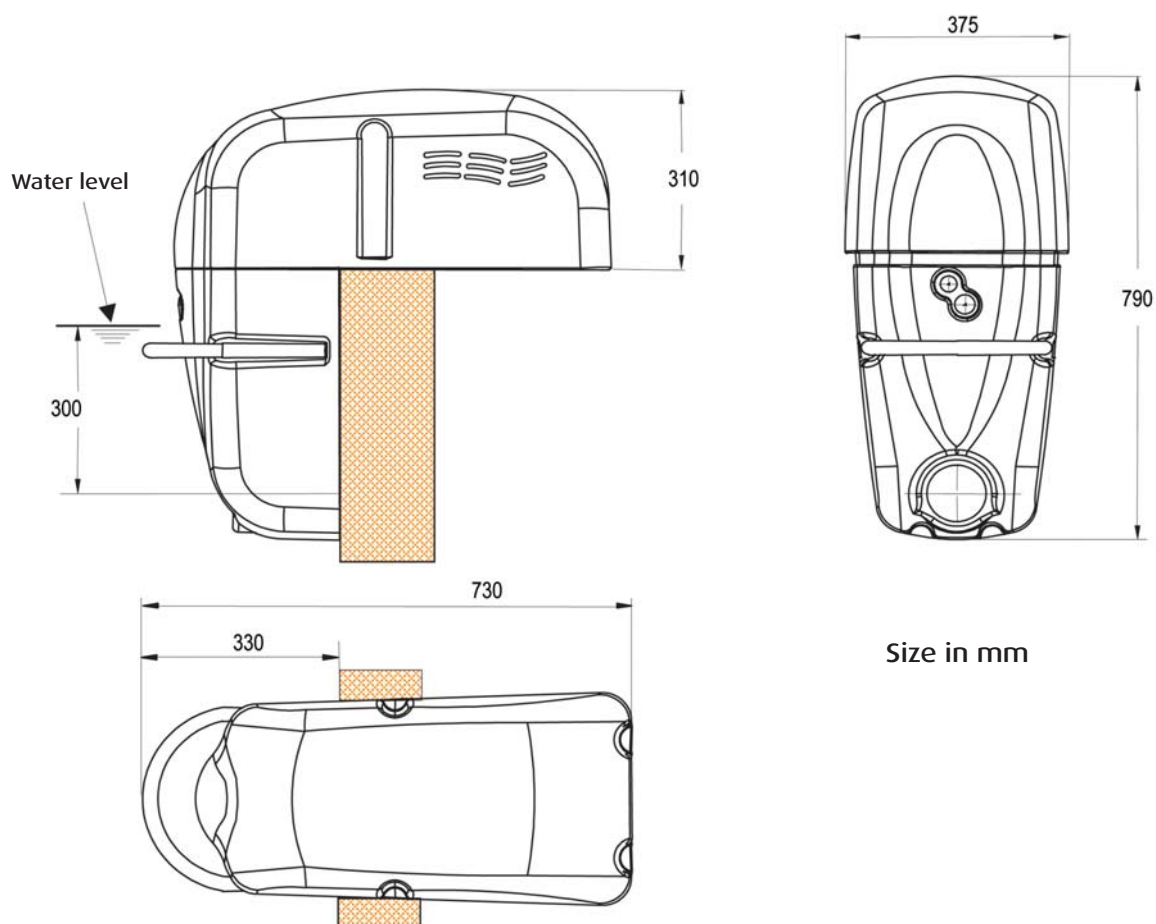


## Technical characteristics of filtration unit

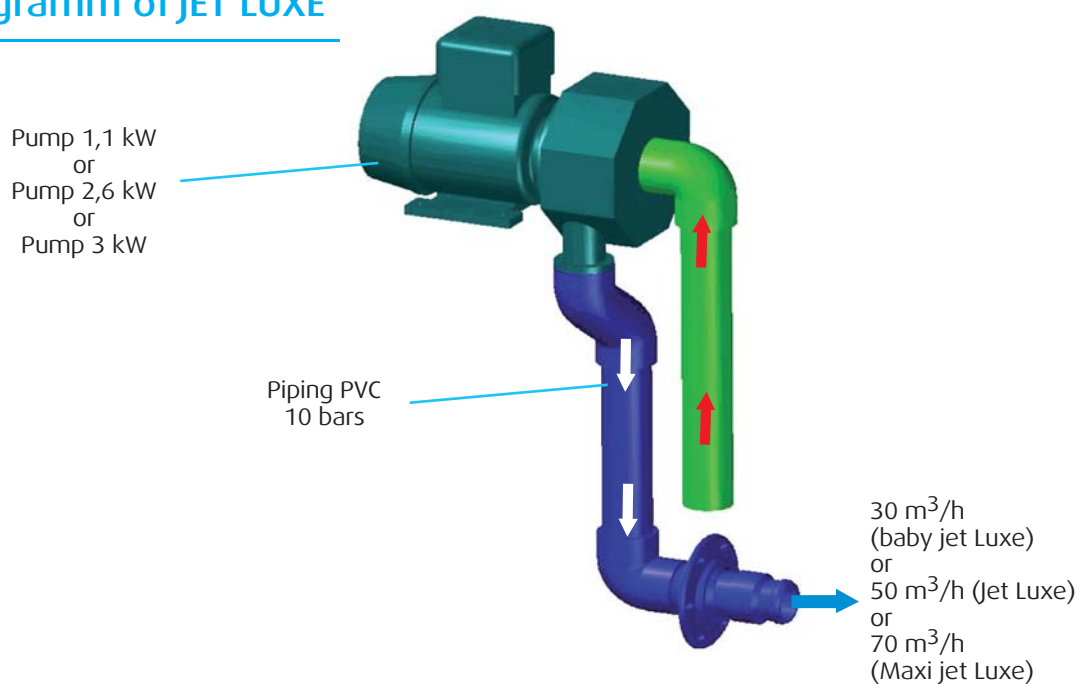
	Baby Jet Luxe	Jet Luxe	Maxi Jet Luxe
Power of the pump	1,1 kW	2,2 kW	2,2 kW
Flow rate	30 m³/h	50 m³/h	70 m³/h
Diameter tube	32	32	40
Equipment	Massage hose in option	Massage hose in option	Massage hose in option
Shell	ABS-PMMA	ABS-PMMA	ABS-PMMA



## Side plan of the JL range



## General diagramm of JET LUXE



## NOTES

[illegible]