



FILTRINOV

**COMPANY
& PRODUCTS**



**GS14
Filtration wall**
P. 04



**FB12
Filtration unit**
P. 06



**MX18 et 25
Filtration unit**
P. 08



**Swim counter-
current JL**
P. 18

- Simple
- Economic
- Effective
- Esthetic

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Presentation of the company & its products

■ Presentation of the company



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 aera of 800 m², FILTRINOV has an important capacity of production and storage.

FILTRINOV develops and conceives new products to widen its range.

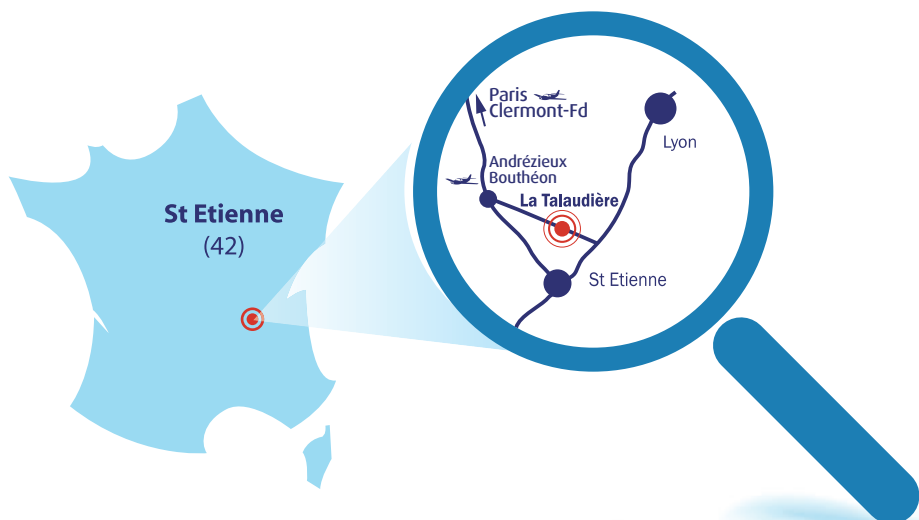
FILTRINOV has the avantage of integrating its own research department, where products are conceived in 3D, what allows to develop quickly, at a low cost and in full autonomy, specific products.

- FILTRINOV takes advantage of the experience, the skills and the research department of the company TMI.

- FILTRINOV set up procedures of tests and tries to guarantee quality and longevity of all its 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



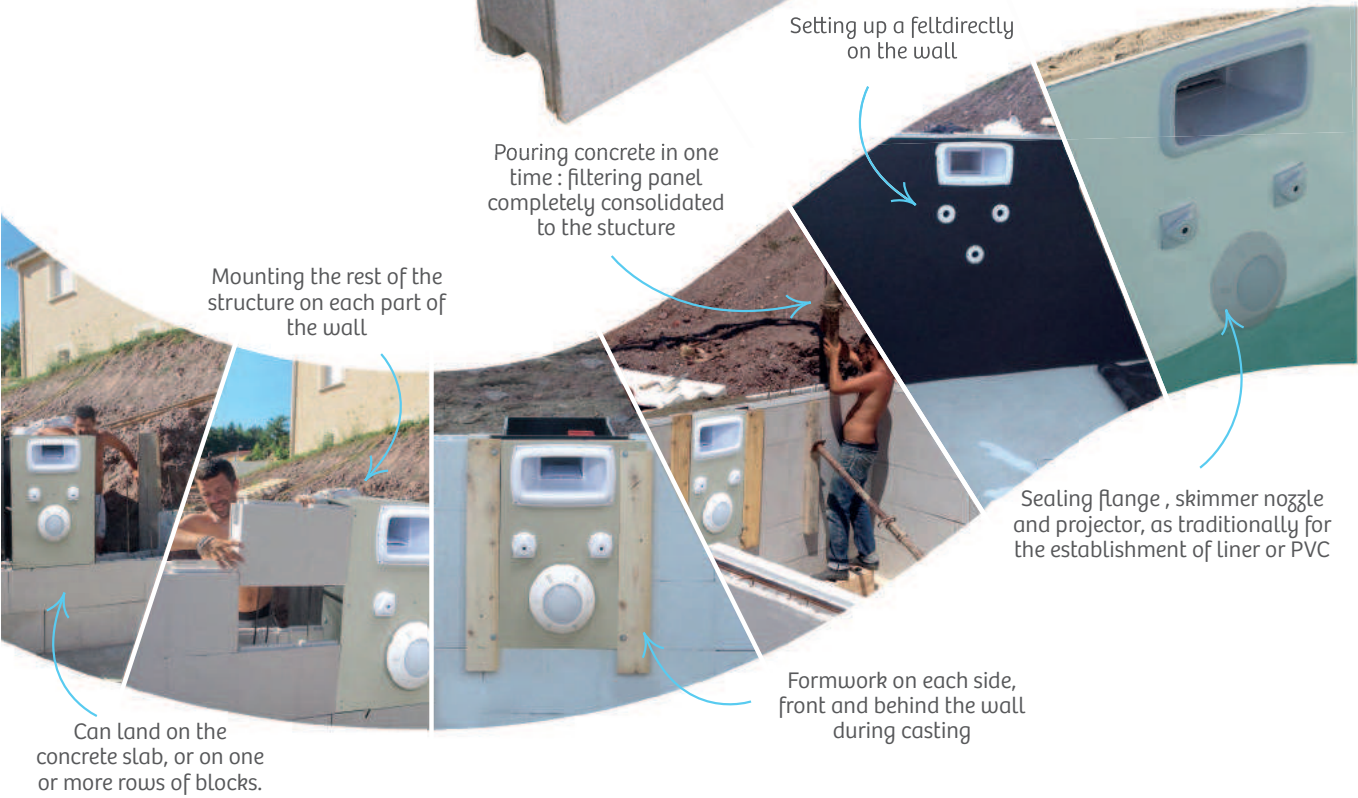
■ Why choosing filtration units FILTRINOV?

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

- All our filtration units incorporate all the functions and is very easy to install.
- With our filtration units, the interventions of the technicians according to the progress of the construction site are minimized.
- The filtraiton group and wall, thanks to their evolution capacities, allows to sell standard units and add it gradually the options. You sell then the options (swim counter-current , treatment with salt, by-pass) later according to the budget of the customer.
- For the renovation market, our pipeless 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.

NEW

Reference product : GS14 FILTRATION WALL



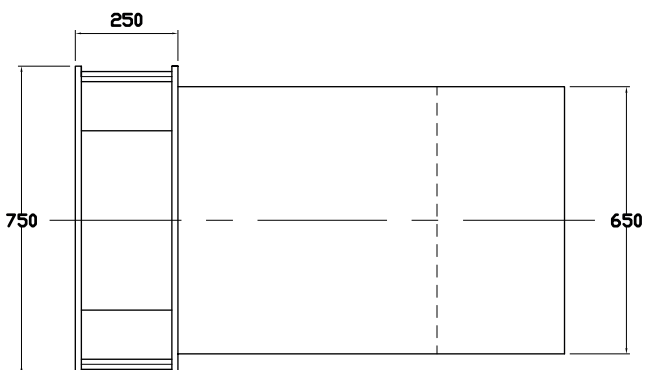
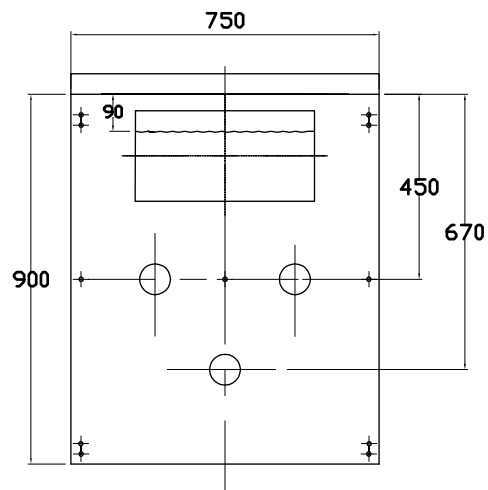
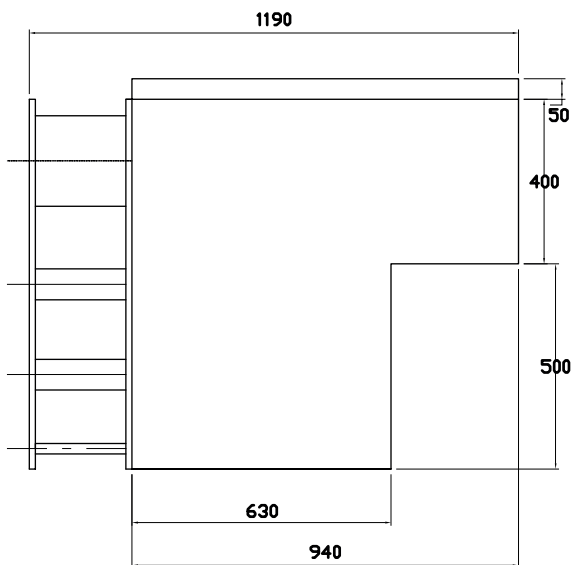


- A** 1 wide opening Skimmers
- B** 2 directional hoses
- C** 1 colored LED light
- D** Removable cover with mechanical safety
- F** Burried part with filtration elements, pump and options

- Filtration pump : 14m³/h 0,5Kw
- Cartouche filter :
area : 4,5 m² / fineness : 25 μ
- Control box
- Over flow

OPTIONS :

- Electrolyser with salt
- BY PASS



NEW

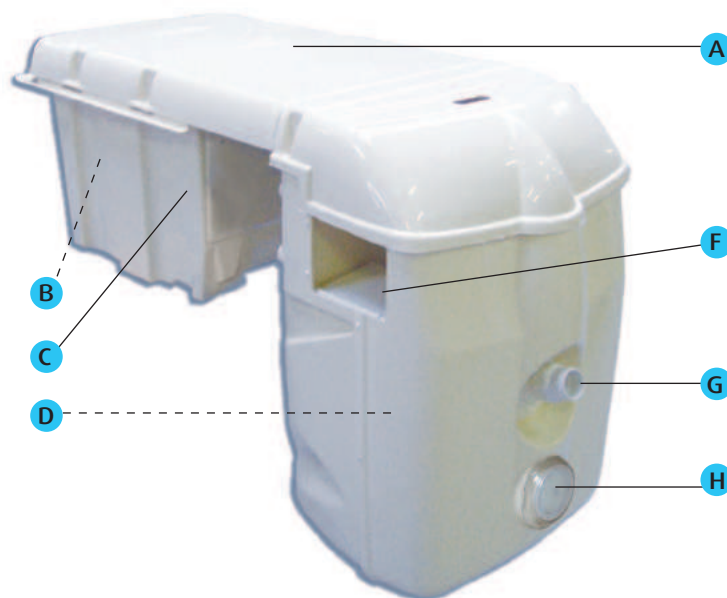
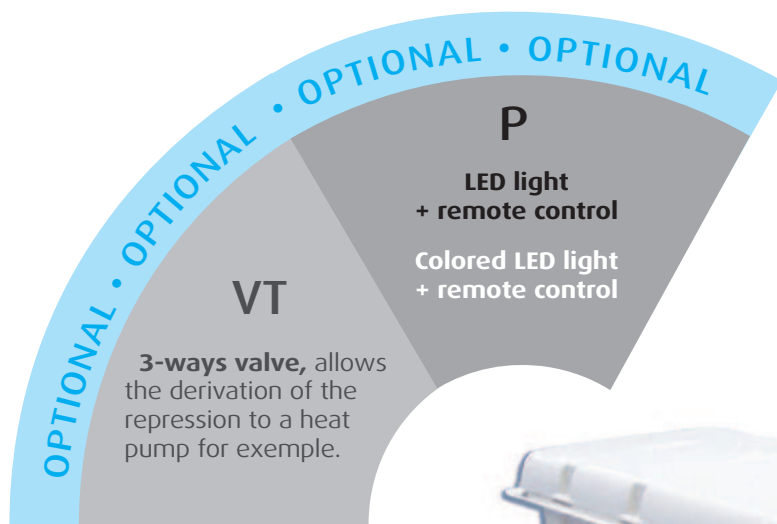
Reference product : GS14 FILTRATION WALL

Reference product : FB12

An adapted product pools until 45m³ :

■ FB 12

>> Pool (until 45 m³) • length max. 7m



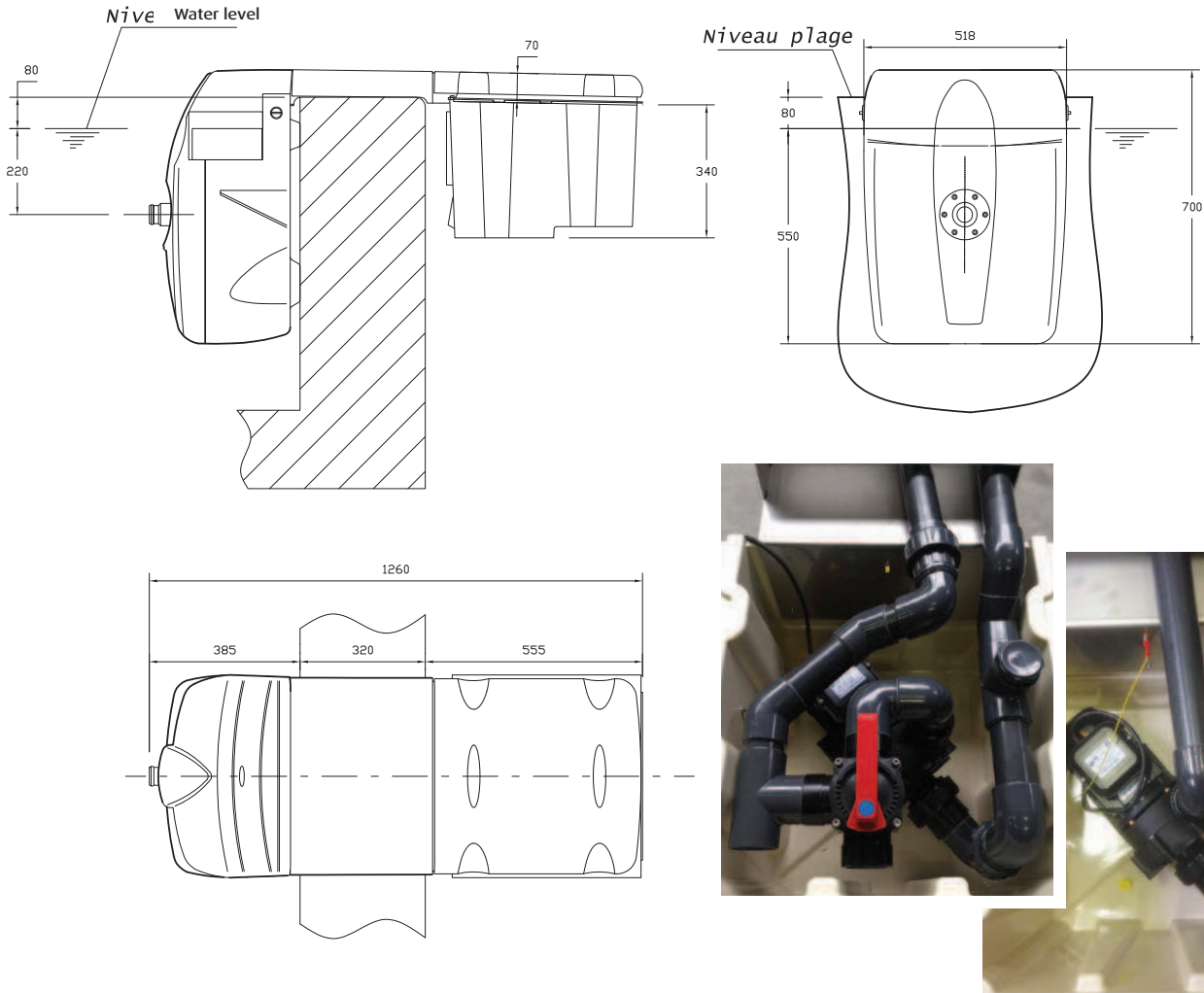
Technical characteristics of filtration unit

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

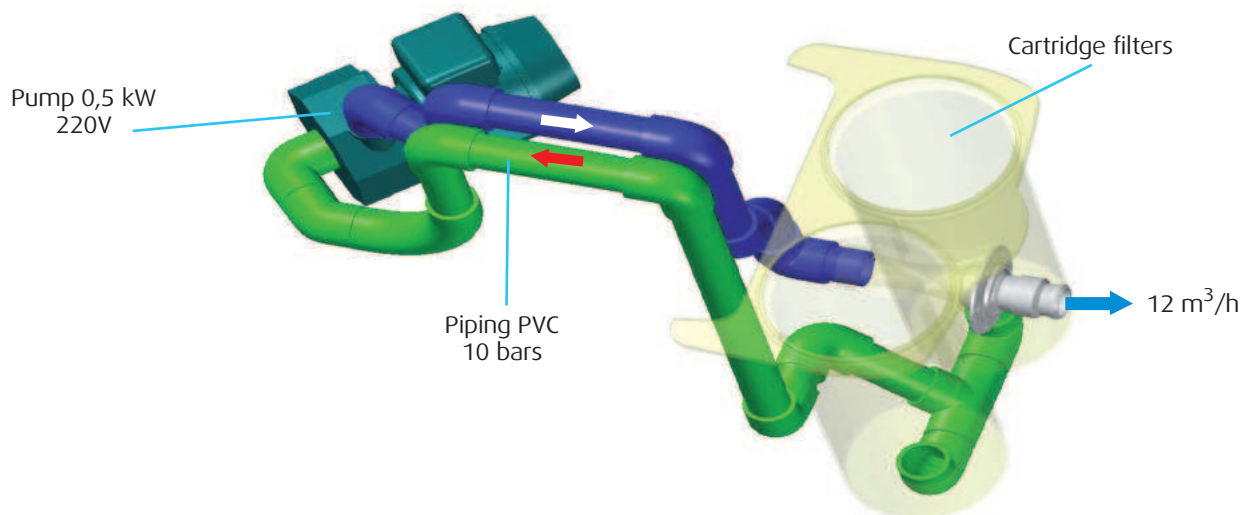
Standard equipment

- A** Removable cover with a mechanical safety (lock)
- B** Control box for filtration (automatic or manual) and lighting
- C** Buried part containing :
- filtration pump (12m³/h)
- D** Double filtration cartridges + basket collecting leaves
- E** Skimmers, two openings for water suction
- G** Directional heavy flow rate
- H** LED light + remote control (option)

Side plan of FB12



General diagramm of FB12



Reference product : MX - COO

Two adapted products depending the pools' sizes :

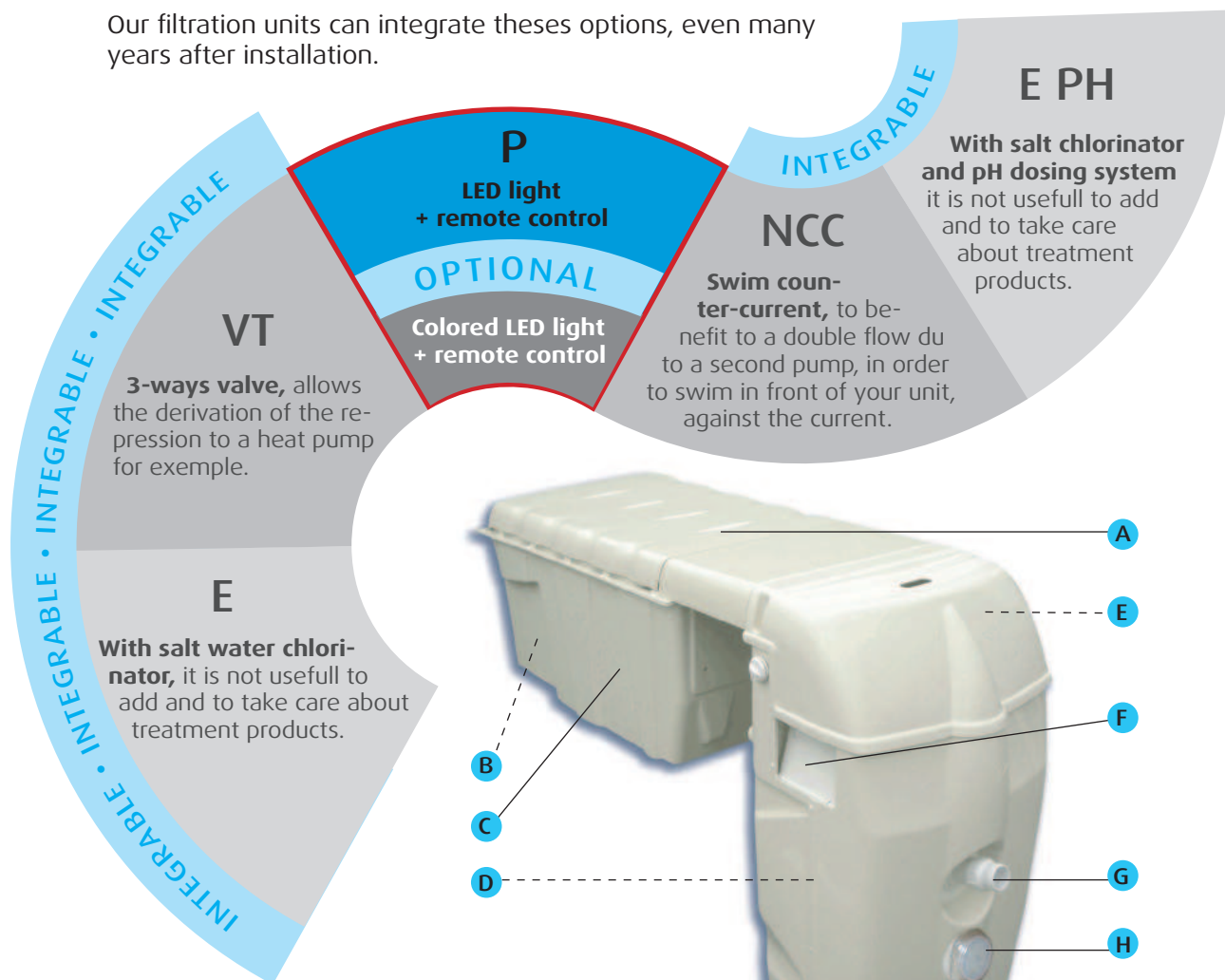
■ MX18

>> Pool (until 80 m³ • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

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



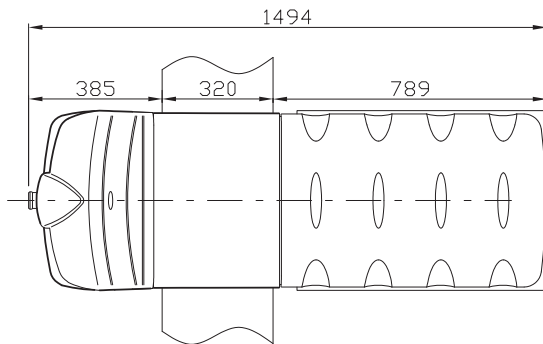
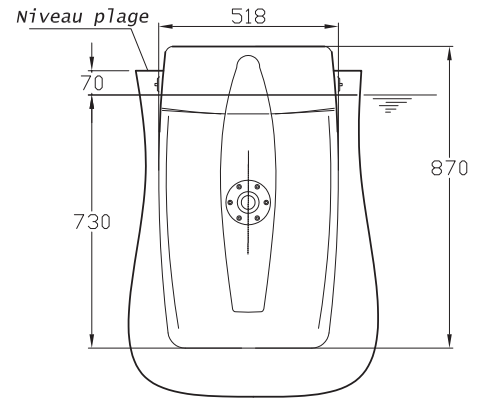
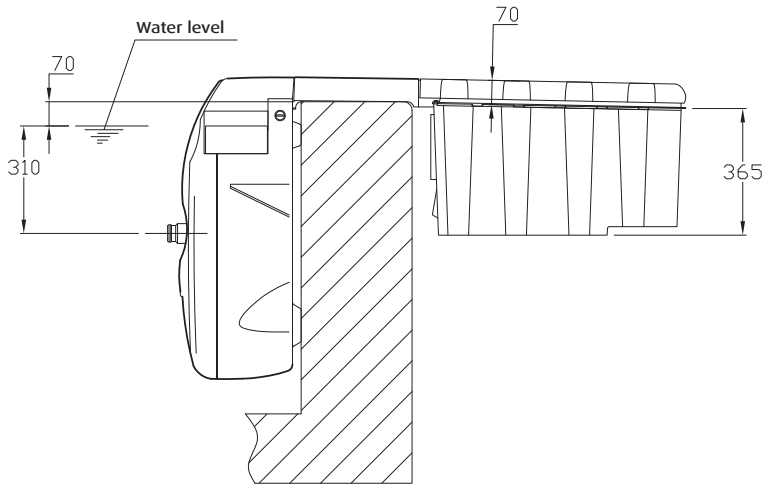
Technical characteristics of filtration unit

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

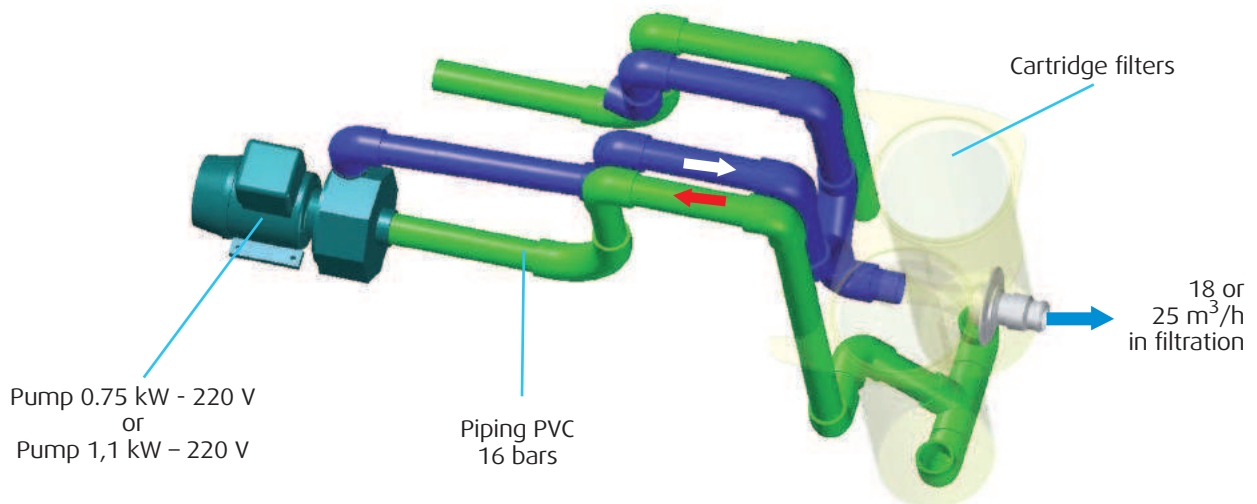
Standard equipment

- A** Removable cover with a mechanical safety (lock)
- B** Control case for filtration (automatic or manual) and lighting
- C** Buried part containing :
- filtration pump (12m³/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** LED light + remote control

Dimensional plan of MX (all the range)



General diagram of MX C00



Reference product : MX with BY-PASS

Two adapted products depending the pools' sizes :

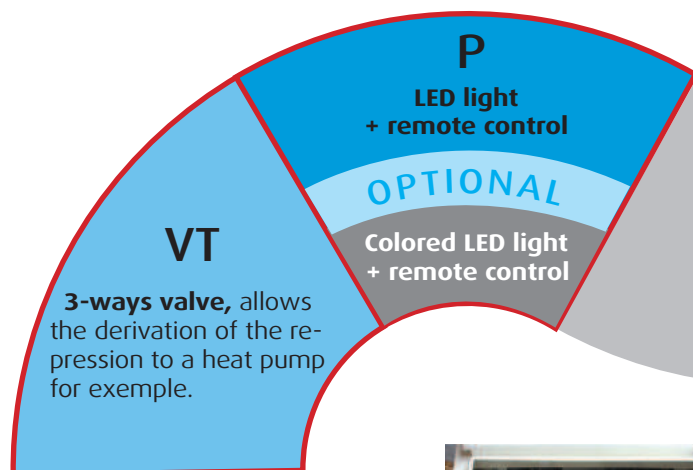
■ MX18

>> Pool (until 80m³ max. • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX COO VT



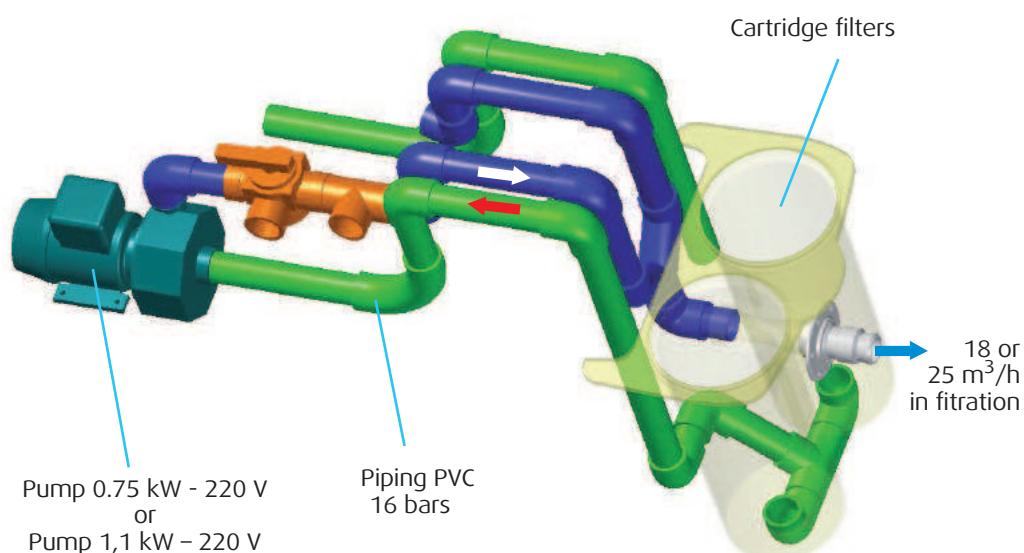
Our filtration units can integrate these options, even many years after installation.

Characteristics

• 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 COO VT



Reference product : MX with SWIMMING COUNTER CURRENT

Two adapted products depending the pools' sizes :

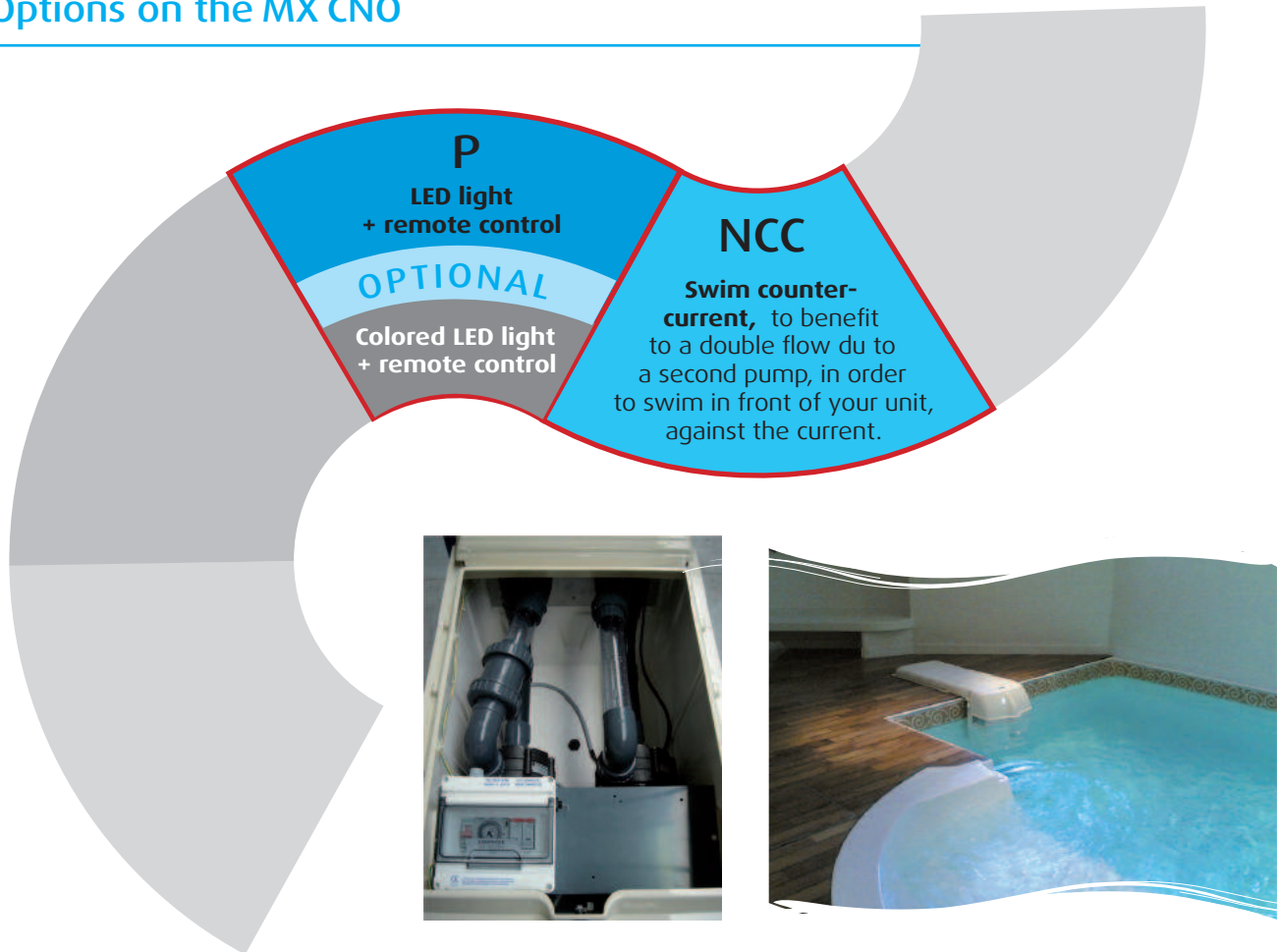
■ MX18

>> Pool (until 80m³ max. • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX CNO



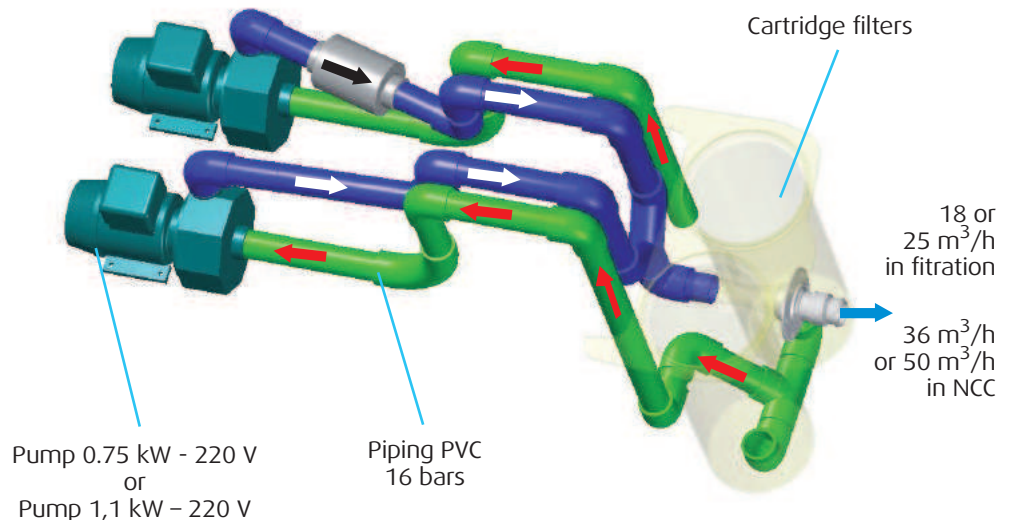
Our filtration units can integrate these options, even many years after installation.

Characteristics

• NCC

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

General diagramm of MX CNO



Reference product : MX SWIMMING COUNTER CURRENT & BY-PASS

Two adapted products depending the pools' sizes :

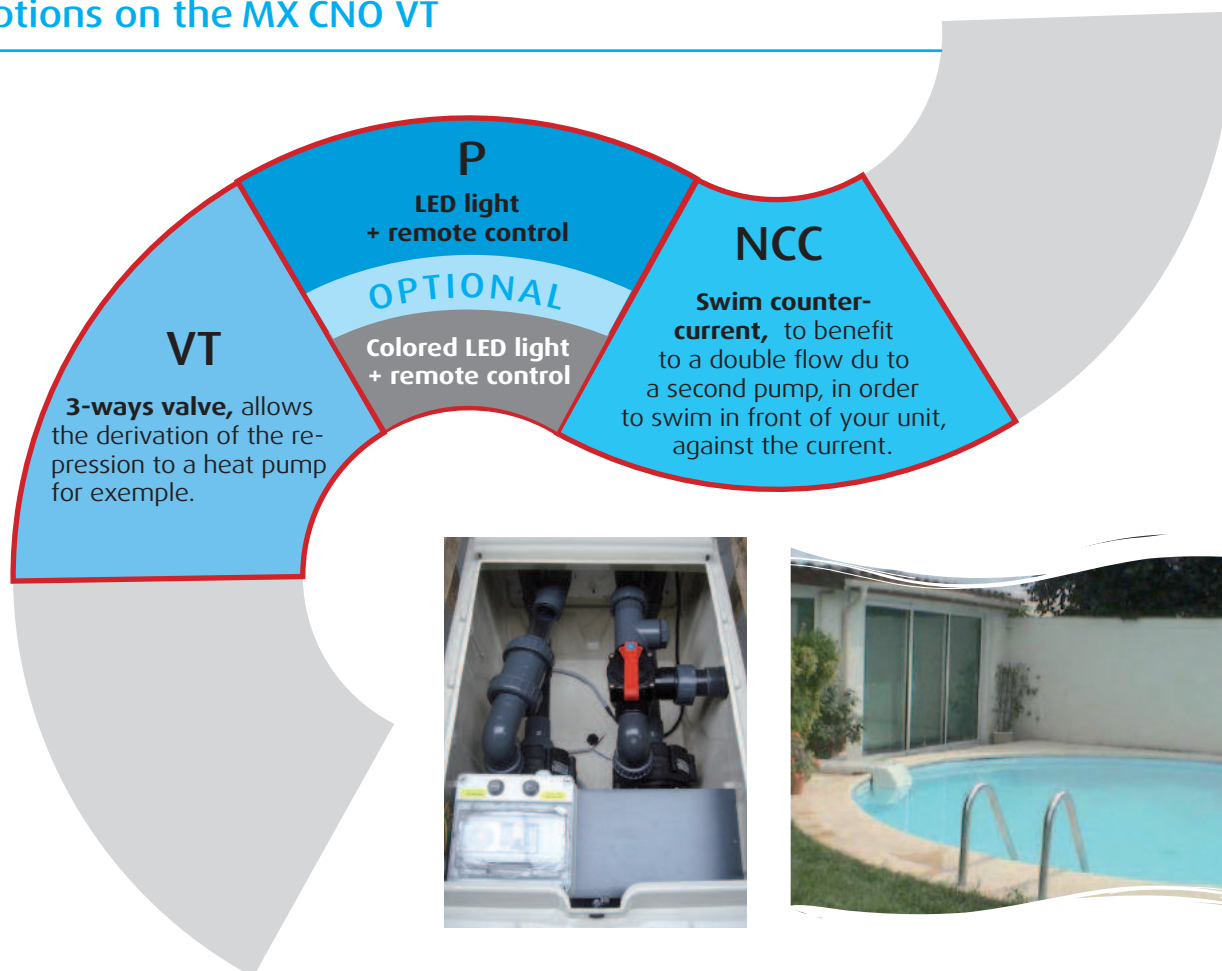
■ MX18

>> Pool (until 80m³ max. • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX CNO VT



Characteristics

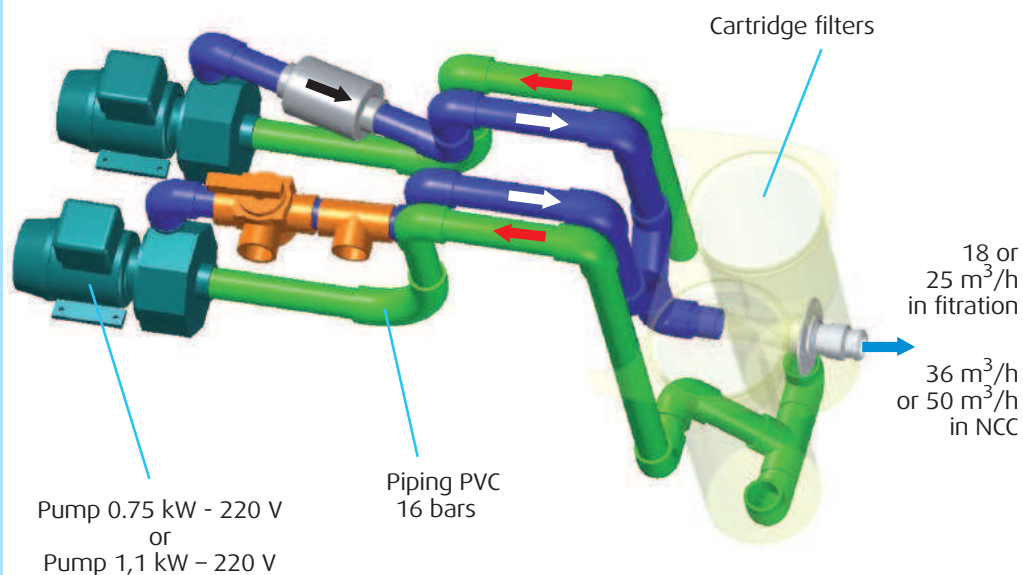
• NCC

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 with SALT CHLORINATOR

Two adapted products depending the pools' sizes :

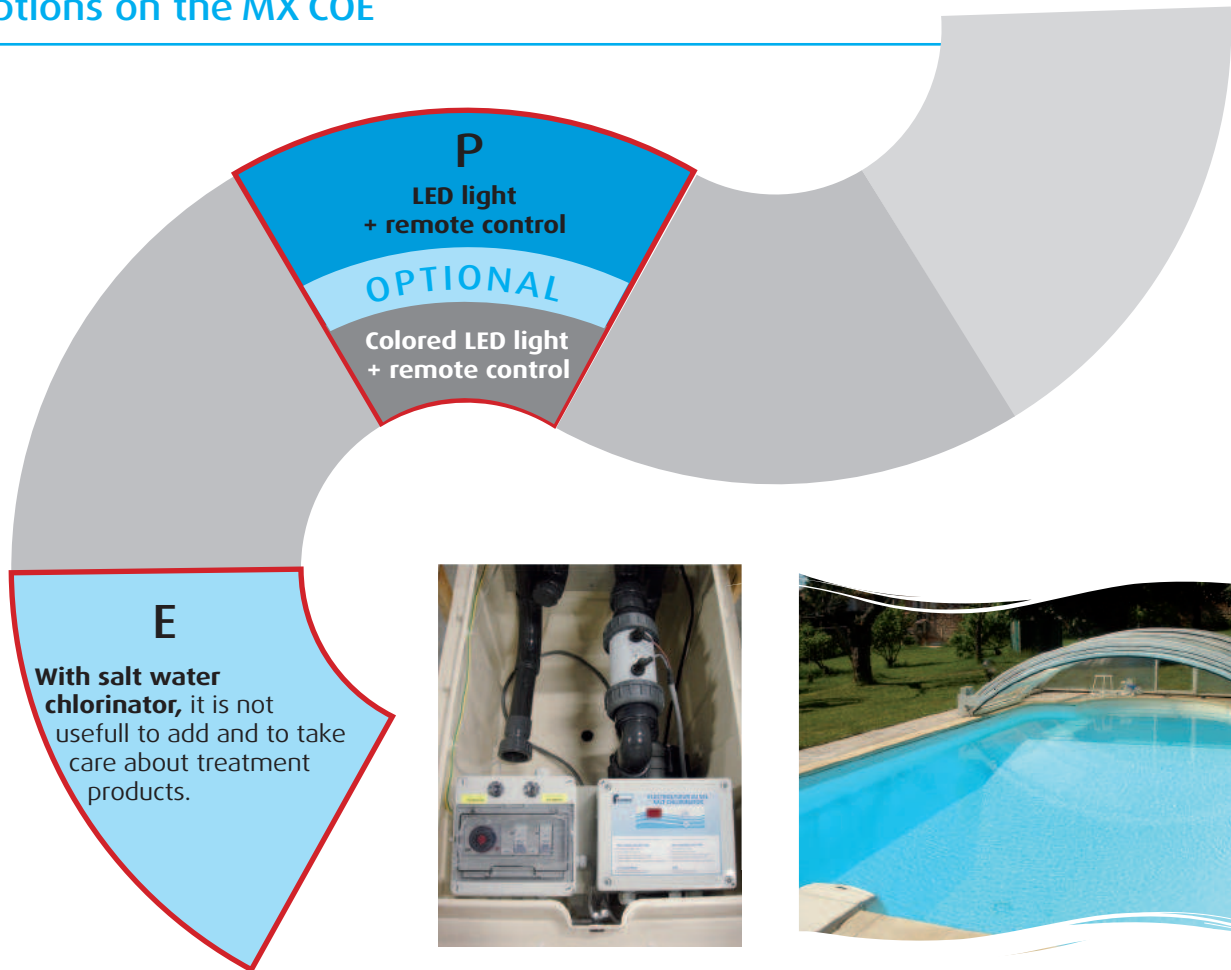
■ MX18

>> Pool (until 80m³ max. • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX COE



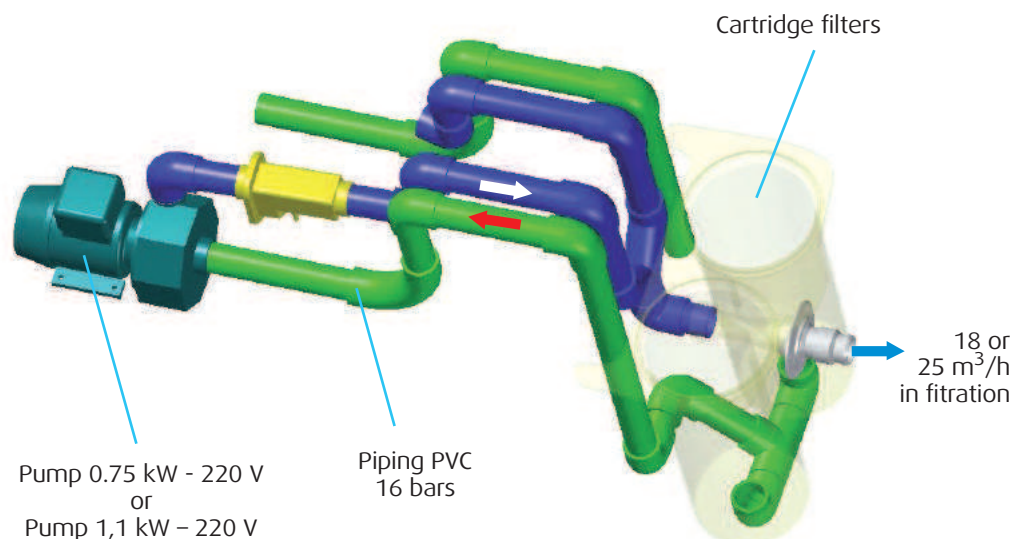
Our filtration units can integrate theses options, even many years after installation.

Characteristics

• E

Composed of a cell and its electrical card, a electrical bow and a transformer 2x19V.

General diagramm of MX COE



Two adapted products depending the pools' sizes :

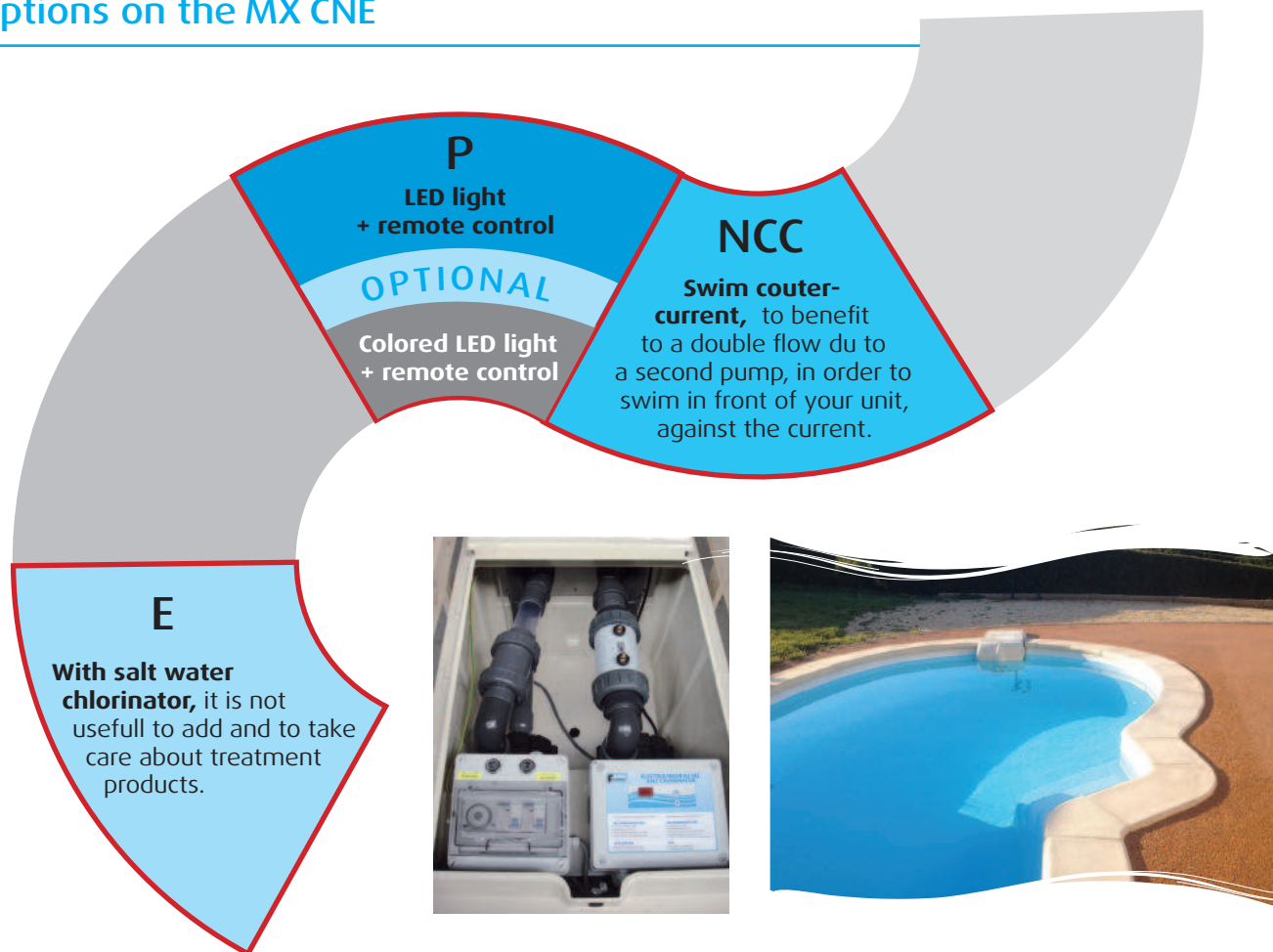
■ **MX18**

>> Pool (until 80m³ max. • length max. : 9m)

■ **MX25**

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX CNE



Characteristics

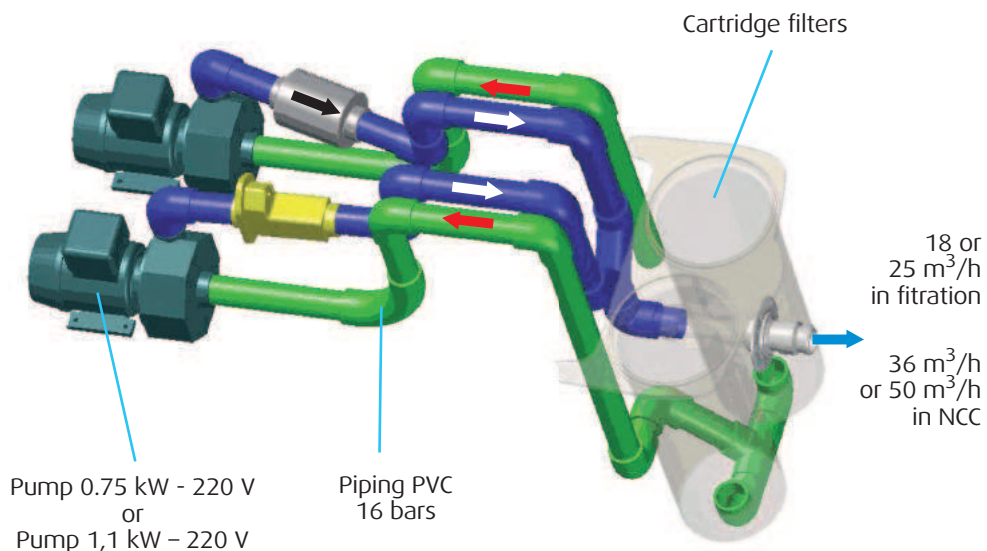
• **NCC**

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 2x19V.

General diagramm of MX CNE



Two adapted products depending the pools' sizes :

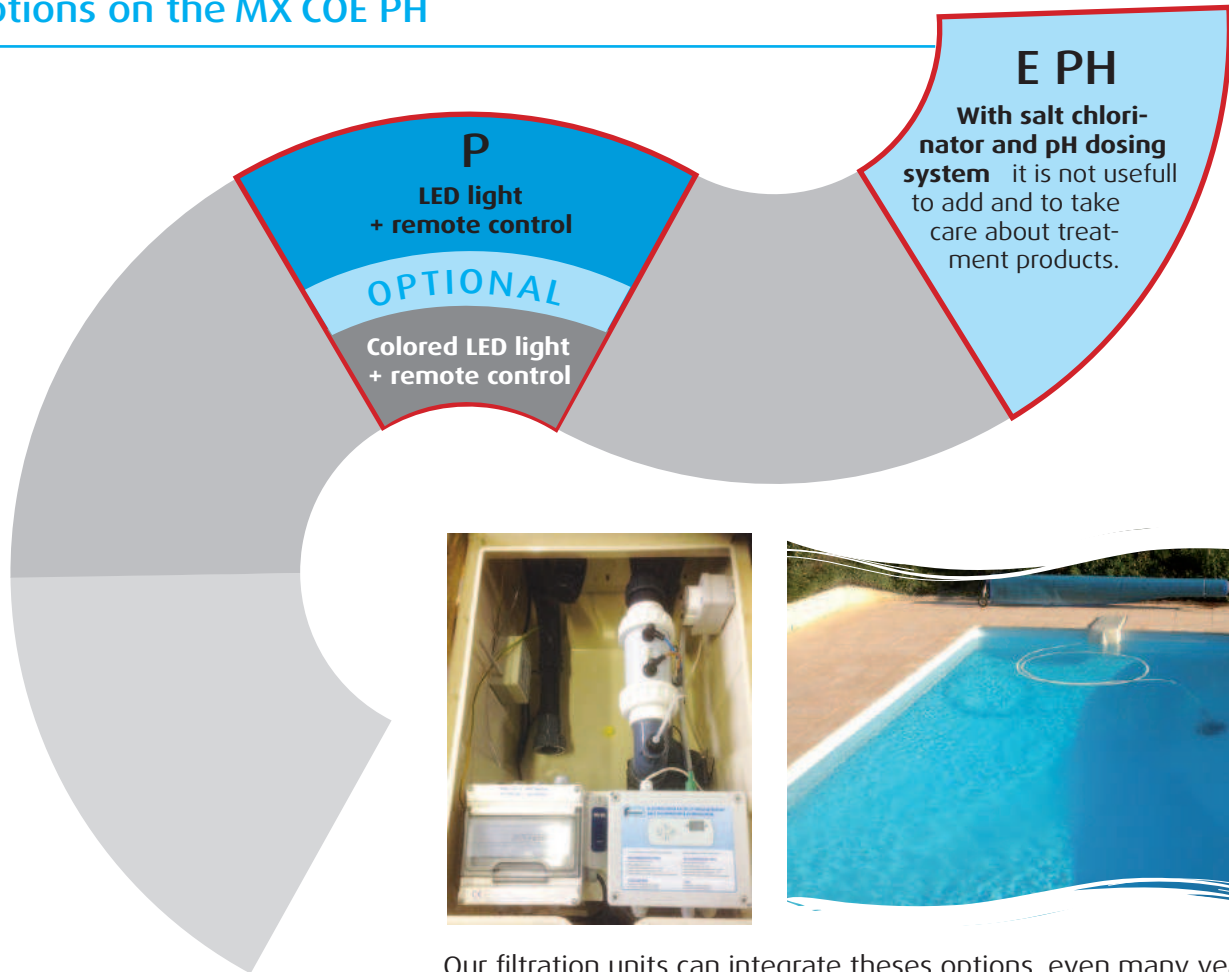
■ MX18

>> Pool (until 80m³ max. • length max. : 9m)

■ MX25

>> Pool (until 110 m³ • length max. : 12m)

Options on the MX COE PH



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

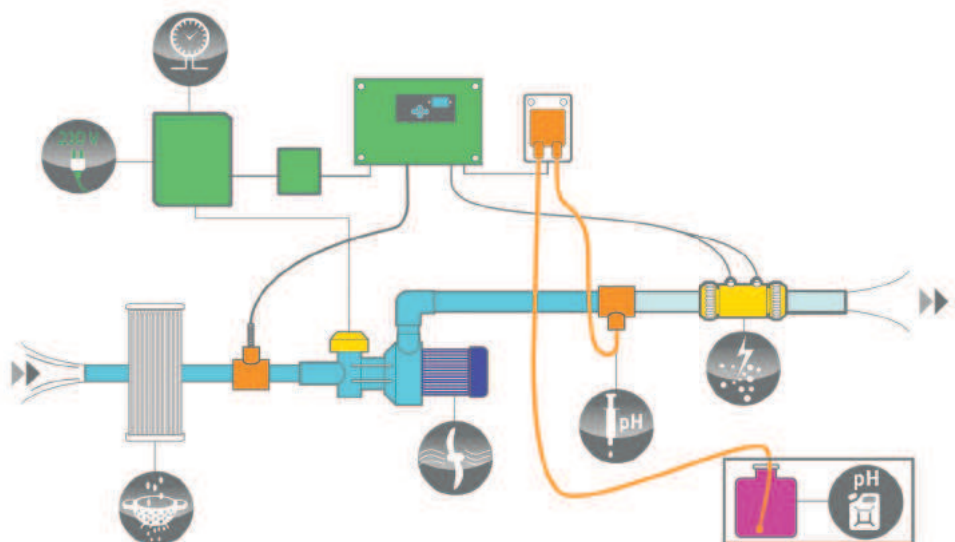
Characteristics

• E PH

Salt chlorination : Composed of a cell, its electrical card, and a transformer.

pH dosing : composed of a pH pump, a sensor, an injector and an added electrical card.

General diagramm of MX COE PH



NEW

COE PH

Reference product : MX

Two adapted products depending the pools' sizes :

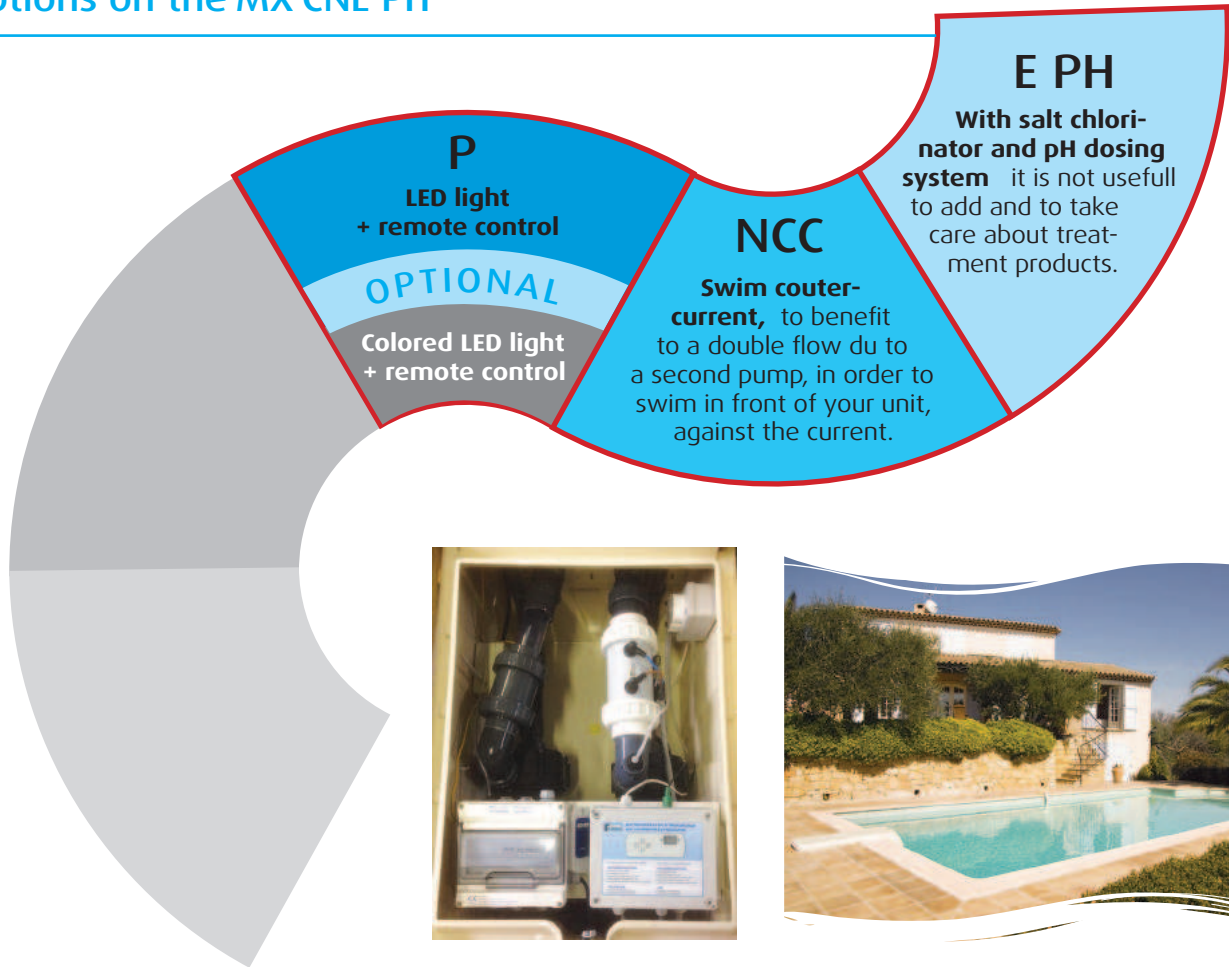
■ **MX18**

>> Pool (until 80m³ max. • length max. : 9m)

■ **MX25**

>> Pool (until 110 m³ • length max. : 12m)

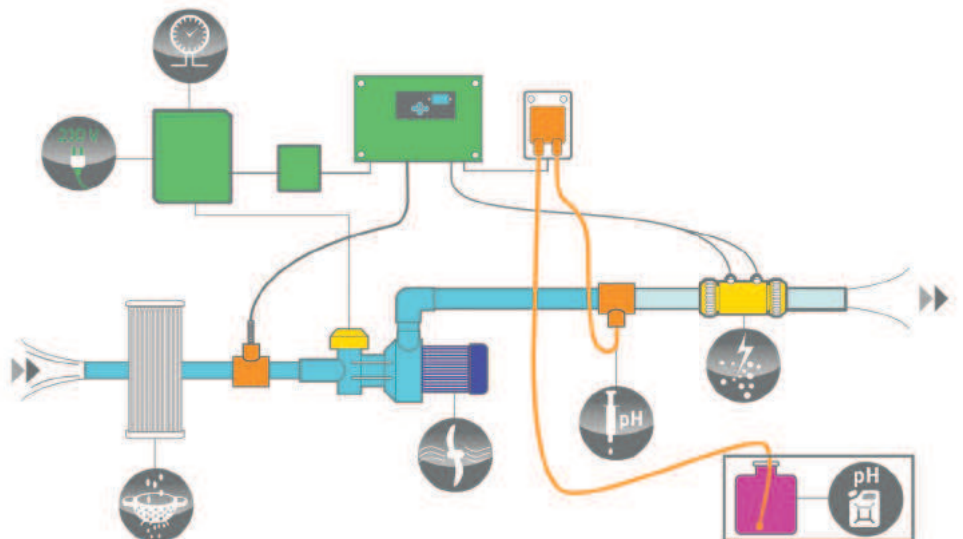
Options on the MX CNE PH



Characteristics

- **NCC**
Composed of a hydraulic network, a pump and a special electrical box.
- **E PH**
Salt chlorination : Composed of a cell, its electrical card, and a transformer.
pH dosing : composed of a pH pump, a sensor, an injector and an added electrical card.

General diagramm of MX CNE PH



NEW

CNE PH

Reference product : MX

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 2x19V. To add this option, just place the cell and the transfo, and plug them to the electrical boxes.



Option : Salt chlorinator + PH regulation

Salt chlorination : Composed of a cell, its electrical card, and a transformer

pH dosing : composed of a pH pump, a sensor, an injector and an added electrical card



Option : By-Pass

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).



Option : LED light + remote control

You simply have to unscrew the installed LED projector and remplace it by the COLORED light supplied and cable the control box. Then you can change Color (Shades of red green blue) through the remote control that has a range of 8 meters.

Reference product : JET LUXE

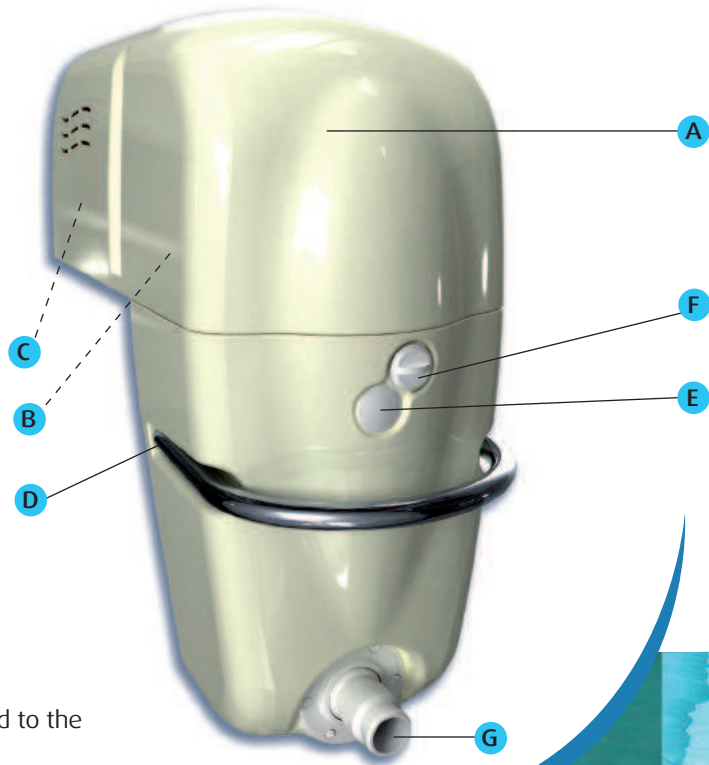
Three adapted products depending your wishes :

▪ JL30

▪ JL50

▪ JL70

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



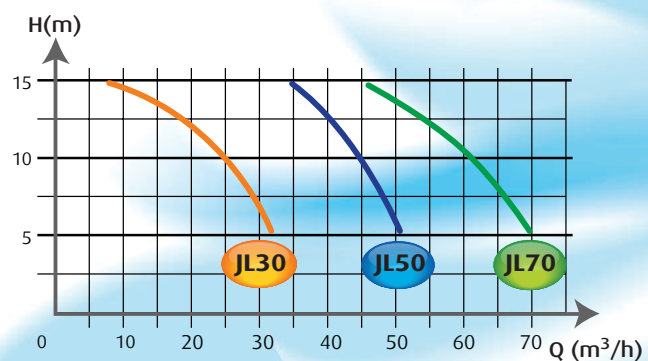
Standard equipment

- 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

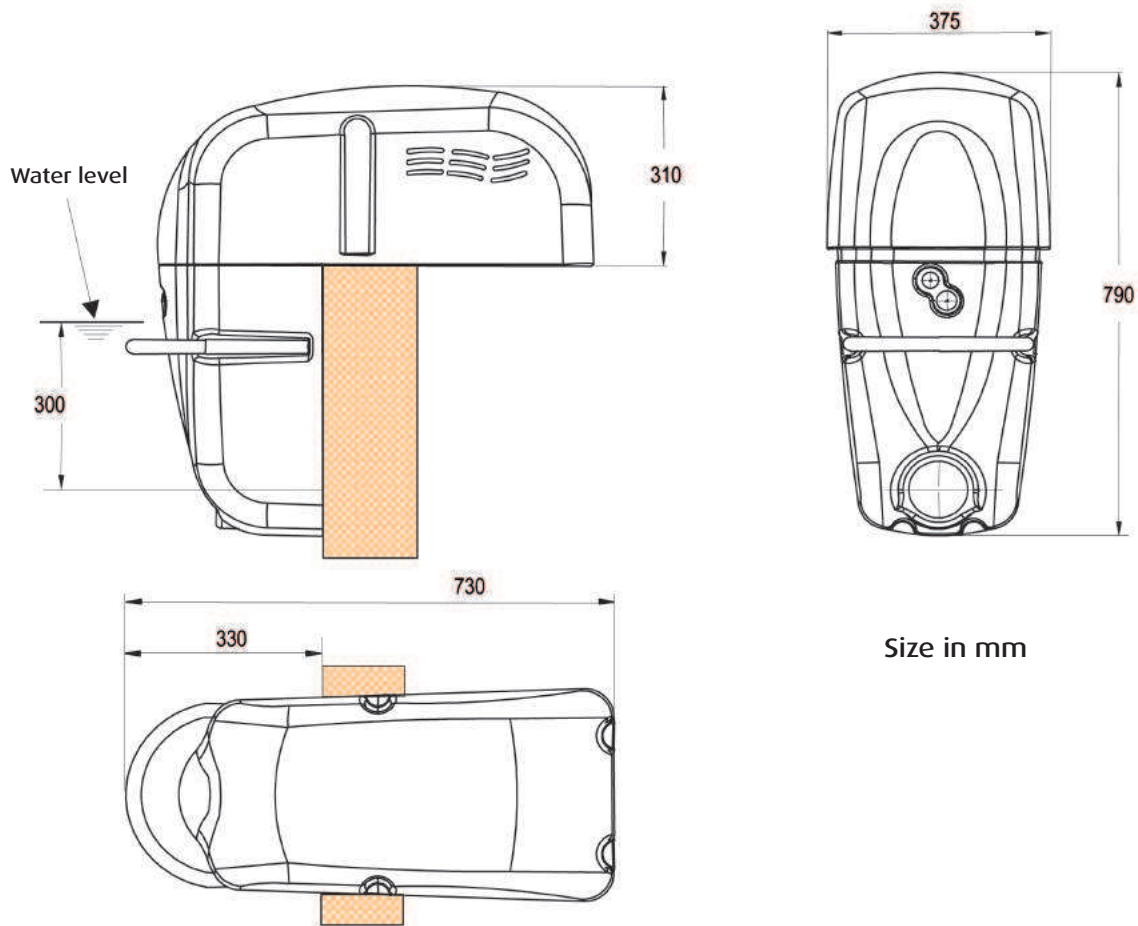


Technical characteristics of filtration unit

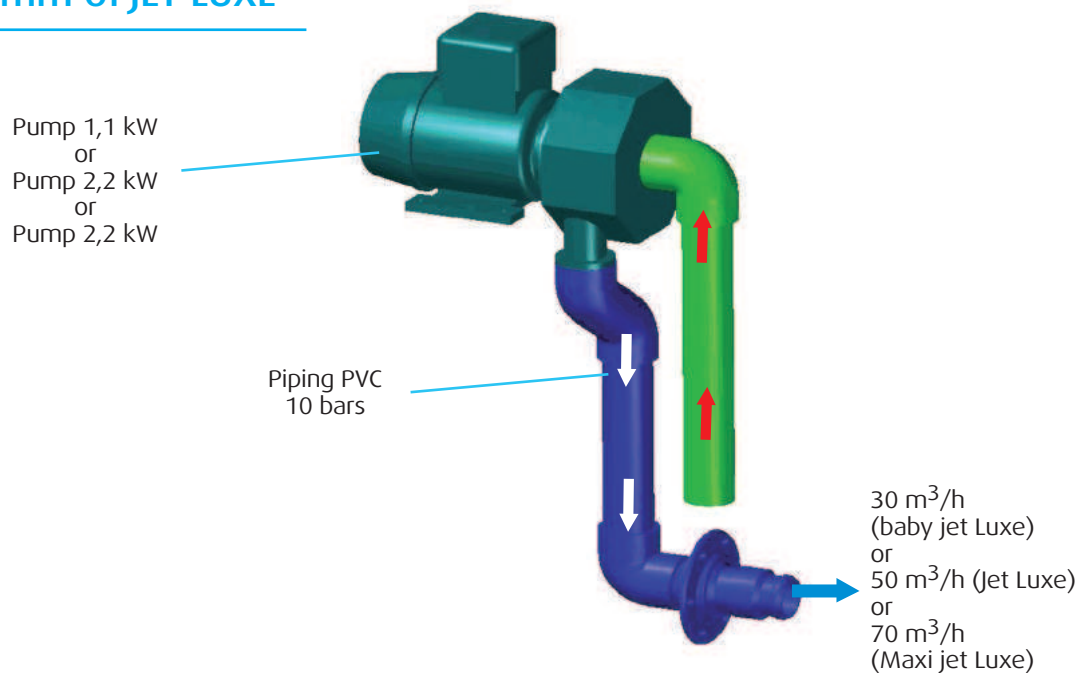
	Baby Jet Luxe	Jet Luxe	Maxi Jet Luxe
Power of the pump	1,1 kW	2,2 kW	2,2 kW
Flow rate	30 m ³ /h	50 m ³ /h	70 m ³ /h
Diameter tube	32	32	40
Equipment	Massage hose in option	Massage hose in option	Massage hose in option
Shell	ABS-PMMA	ABS-PMMA	ABS-PMMA



Side plan of the JL range



General diagramm of JET LUXE



Reference product : Customised units



FILTRINOV is able to develop products exclusively tailored for quantity.

RESEARCH, STUDY, DESIGN, PROTOTYPES, SERIES

FILTRINOV consider all your specifications to achieve your product (filtration unit, filtering wall, swim counter-current, other).

Design, Color, Customization, Accessories and Options.

Ask and we will execute.

Then, you can propose a market one-concept.

Units already realised :



- 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



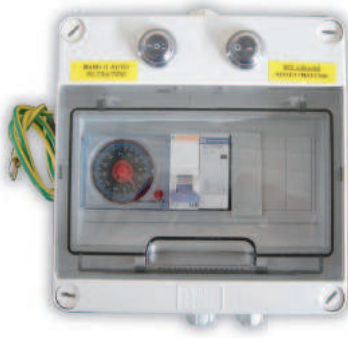
6 - End of large work



7 - Presentation of the group



8 - The following day



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



Characteristics :

Transformateur 230/12v – 150 VA

For lighting :

In : per cable : 2 times 1mm²

Out : per cable : 2 times 2,5mm²

Réf: MX TRANSFO 12 V



Characteristics :

Transformateur 230/2x19v

For lighting :

Réf: MX TRANSFO 2x19V



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 : Tube of repression**

Large directional flow
Diam : 40 mm

Réf : MX BUSE REF

**Characteristics : Pump FB 12**

Mark : SPECK / Pump of 12m³/h / Power 0,5 KW.

Réf : FB POMPE 12

**Characteristics : Pump MX 18**

Mark : SPECK / Pump of 18m³/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 36m³/h

Réf : MX POMPE 18

**Characteristics : Pump MX 25**

Mark : SPECK / Pump of 25m³/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 50m³/h

Réf : MX POMPE 25

**Characteristics : GS 14 filtration wall**

Mark : SPECK / Pump of 14m³/h / Power 0,55 KW.

Réf : GS POMPE 14

**Characteristics : Projecteur**

LED light white or color

Réf : MX PROJECTEUR



Characteristics :
Cartridge filtre

Surface of filtration 4,5 m² ;
 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 m² ;
 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

■ 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

Dimensions of JL

Length : 0,93 m
Width : 0,51 m
Height : 0,98 m
Gross Weight : 50 kg

Dimensions of GS

Length : 1,2 m
Width : 0,8 m
Height : 1,2 m
Gross Weight : 70 kg

■ Containers



Filtrinov can of course load any 20" or 40" containers, depending of the items ordered



Directeur Général et directeur commercial France

SAUSSAC Maxime :

maxime@filtrinov.com

Directeur Commercial Export et Responsable Achat

SAUSSAC Fabien :

fabien@filtrinov.com

Commercial France EST

BAIA-CONDEZ David :

commercial@filtrinov.com

Commercial France OUEST

PERRIN Yohann :

commercial2@filtrinov.com

Commercial Italie

CONIGLIO David :

david.filtrinov@gmail.com

Adresse : ZI la Chazotte • 3 rue Gustave Eiffel • BP 80308 • 42353 LA TALAUDIÈRE

Tel : +33(0)4 77 53 05 59

Fax : +33(0)4 77 53 28 52

mail : info@filtrinov.com

Site : www.filtrinov.com

