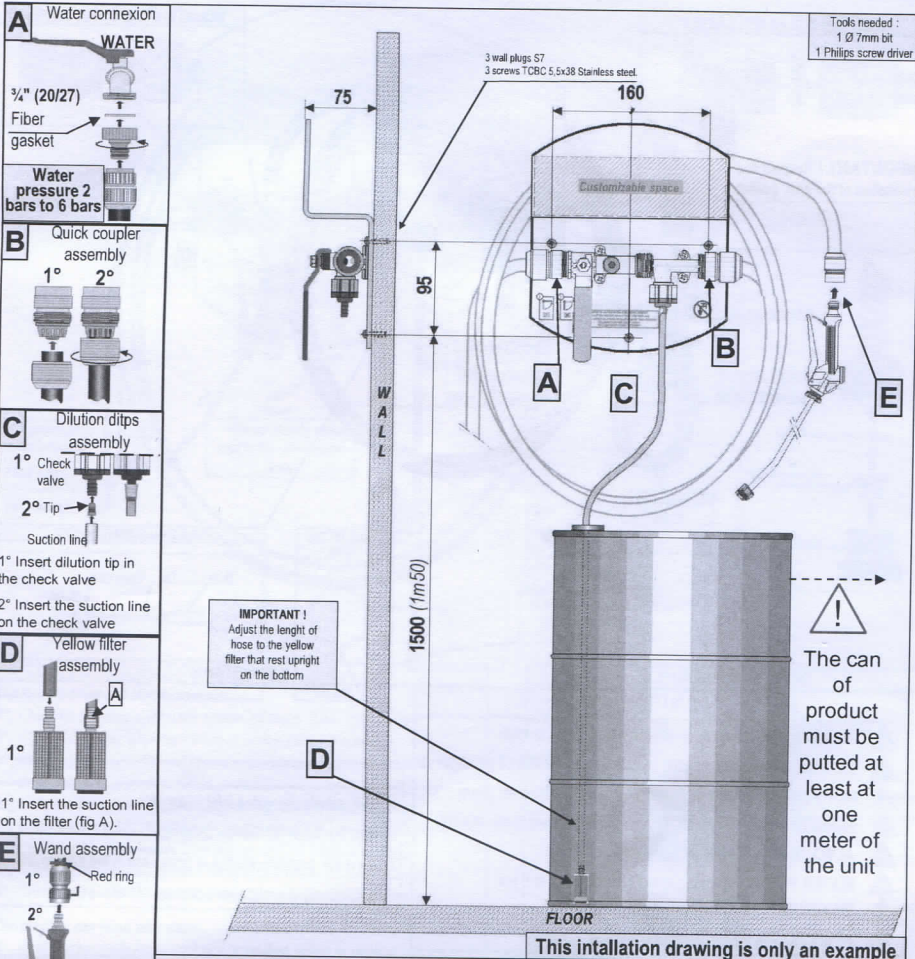


# System PROCAR PULV - Installation

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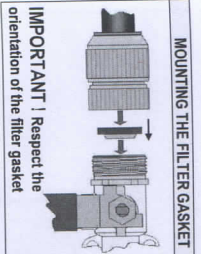


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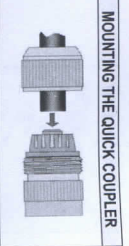
| PACKING LIST SYSTEM PROCAR PULV   |                               |                                    |
|---|-------------------------------|------------------------------------|
| 1_System PROCAR PULV (PVC)  | 1_Bag with connection kit =   | 1_Suction line (crystal hose) L:2m |
| 1_Inlet hose of water (L: 2m)   |                               | 1_Yellow filter with weight        |
| 1_Discharge hose: 10, 15 or 25m according to model  |                               | 1_Bag of 14 lips                   |
| 1_Stainless steel lance no-scratch L: 30, 60, 90cm, 1 to 2m according to model                                  |                               | 1_Nipple for quick coupler M-F3/4" |
| 1_Instruction sheet   |                               | 1_Quick coupler ring blue          |
|   |                               | 1_Quick coupler ring red           |
|   | 1_Bag with screws and gaskets | 1_Rubber gasket blue 3/4"          |
|   |                               | 3_Screws TCBC Ø5,5x37 S/St         |
|   |                               | 3_Wall plugs S7                    |
| Packing box : Length = 800mm, Width : 400mm, Height : 170mm Weight = 5 Kg (with hose of 15m+lance S/ST of 60cm) |                               |                                    |
| Packing box for lance L 90cm : Length = 1100mm, Width : 150mm, Height : 40mm Weight = 0,7 Kg                    |                               |                                    |
| Packing box for lance L 1 to 2m : Length = 1300mm, Width : 150mm, Height : 40mm Weight = 1,14 Kg                |                               |                                    |

# Systeme PROCAR PULV - Connection

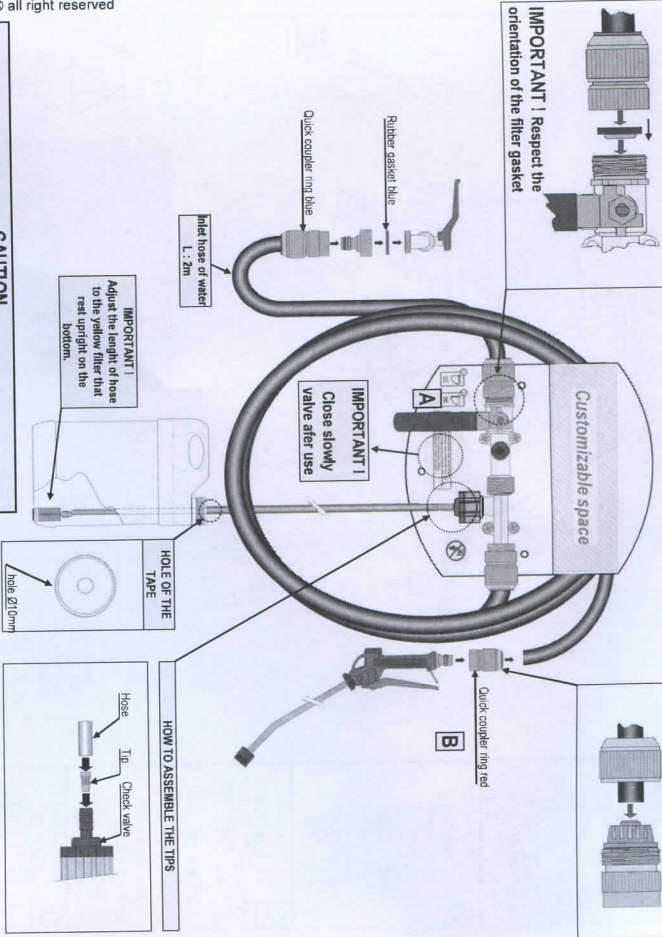
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**IMPORTANT!** Respect the orientation of the filter gasket

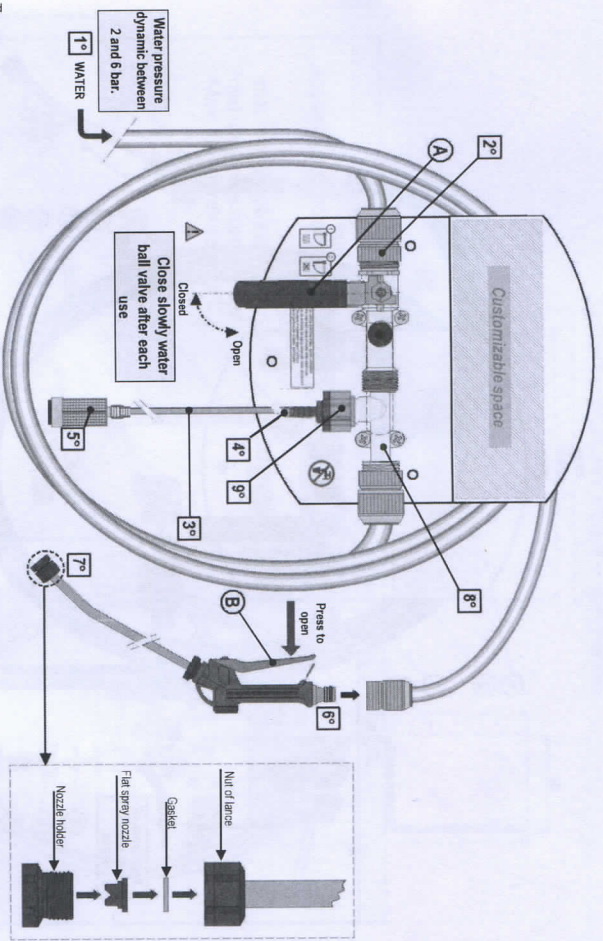


**Mounting the quick coupler**



# System PROCAR PULV - Troubles

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## CAUTION

- ⚠ ALWAYS orientate spray in direction of surfaces to treat
- ⚠ Chemical compatibility of used product **MUST ALWAYS** be checked.
- ⚠ NEVER orientate spray in direction of people, animals or plants
- ⚠ ALWAYS wait few seconds for a good product and water mixing.
- ⚠ ALWAYS close water inlet valve after each use.
- ⚠ **WATER PRESSURE** must be included on 2 bar to 6 bar.
- ⚠ **MAXIMUM** working temperature is 50°C
- ⚠ ALWAYS keep the unit on frost protection

## USE

- 1) Open slowly the valve inlet water "A"
- 2) Press the lever "B" handle spraying.
- 3) Wait a few seconds the rise of production in the suction line
- 4) Close slowly the inlet valve of water "A" after use.

## DILUTION TABLE

| Color       | Product | Color     | Product |
|-------------|---------|-----------|---------|
| pink        | 0.5%    | blue      | 8.2%    |
| purple      | 1.1%    | white     | 8.9%    |
| dark brown  | 1.8%    | red       | 10.8%   |
| turquoise   | 2.1%    | orange    | 11.5%   |
| yellow      | 2.4%    | black     | 12.8%   |
| orange      | 3.7%    | grey      | 12.9%   |
| green       | 4.7%    | sans base |         |
| light brown | 6.5%    | incolors  |         |

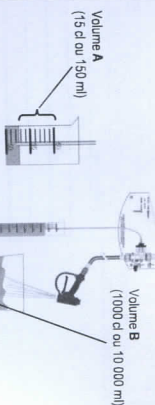
This table is done to help you to choose a tip according to expected concentration

Dynamic water pressure= 3 Bar

15 m hose  
Yellow injector : 4 l/min

## METHOD OF DILUTION CALCULATING

EXAMPLE: (15 (A)) x 100% = 1.5%



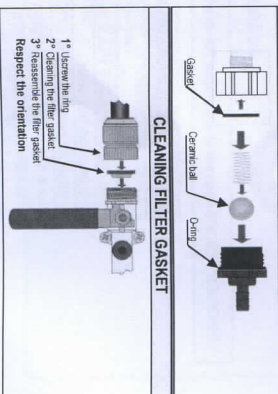
Volume A : Sucked product  
Volume B : solution (water + product)  
(this drawing is an example)

NTPULSLB V.05.1 p.1/11/17

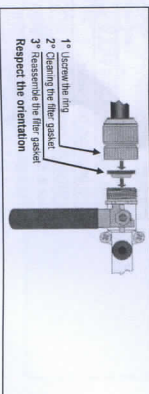
## MAINTENANCE

- The system does not aspire product.
- 1° Check the pressure of the water system (minimum: 2 bar, max : 6 bar)
  - 2° Check that the filter gasket is not dirty or scaled. (clean or replace)
  - 3° Check that the yellow filter of the suction line is submerged in the product, and the hose is not pinched, folded, or closed.
  - 4° Verify that the tip is not clogged. (clean or replace)
  - 5° Check that the yellow filter of the suction line is not dirty. (clean or replace)
  - 6° Check that the spray handle is not dirty or calcified. (clean or replace)
  - 7° Check that the flat spray nozzle is not dirty or calcified. (clean or replace)
  - 8° Check that the injector venturi does not dirty or calcified. (clean or replace)
  - 9° Verify that the check valve is not dirty or calcified. (clean or replace)

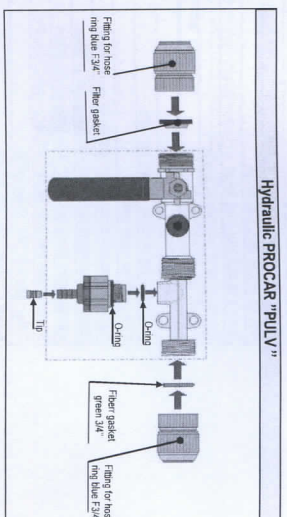
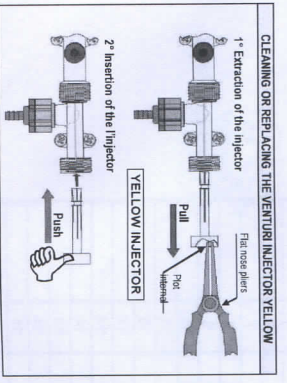
## CLEANING CHECK VALVE



## CLEANING FILTER GASKET



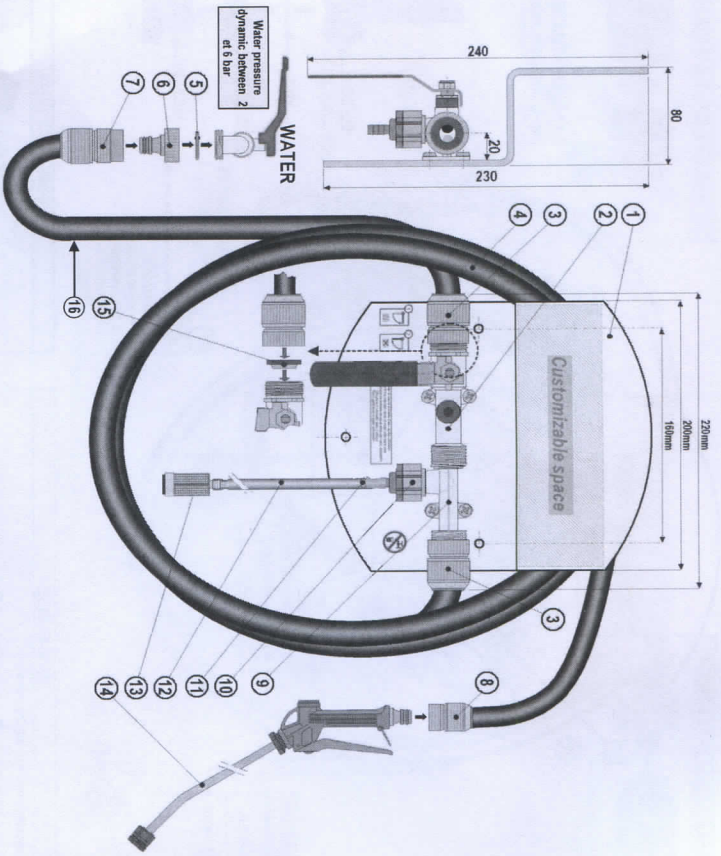
## Hydraulic PROCAR "PULV"



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# System PROCAR PULV - Description

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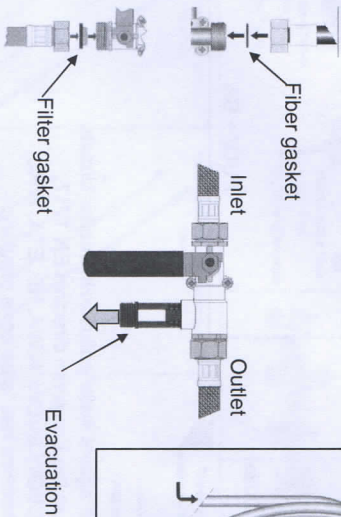
PROCAR PULV's system is intended for the determination and application of shampoo for automobile bodies.

| ACCESSORIES AND SPARE PARTS PROCAR PULV SYSTEM            |        |
|---|--------|
| Description   | Repare |
| Back plate PROCAR PULV system (PVC)                       | 1      |
| Anti pollution ball valve                                 | 2      |
| Fittings for hose ring blue                               | 3      |
| Black discharge hose L: 10m                               | 4      |
| Black discharge hose L: 15m                               | 4      |
| Black discharge hose L: 20m                               | 4      |
| Fiber gasket 3/4" (bag of 10)                             | 5      |
| Nipple for quick coupler F 3/4"                           | 6      |
| Brass quick coupler blue                                  | 7      |
| Brass quick coupler red                                   | 8      |
| Eductor with yellow injector                              | 9      |
| Check valve (EPDM)  | 10     |
| Tips (bag of 14)  | 11     |
| Suction line (crystal hose) Lg: 2m                        | 12     |
| Yellow filter with weight                                 | 13     |
| Stainless steel wand no-scratch with spray gun L: 30cm    | 14     |
| Stainless steel wand no-scratch with spray gun L: 60cm    | 14     |
| Stainless steel wand no-scratch with spray gun L: 90cm    | 14     |
| Stainless steel wand no-scratch with spray gun L: 1.10 2m | 14     |
| Filter gasket 3/4" (bag of 5)                             | 15     |
| Hose connection 2m Black                                  | 16     |

# System PROCAR PULV - CA valve

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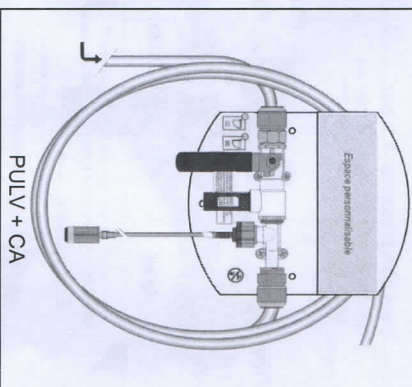
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Assembly: Horizontale

Inlet min pressure: 1.5 bar  
 Inlet max pressure: 10 bar  
 Max temperature : 65°C

Ball valve CA with air guard



Protective system against water pollution in interior circuits.  
 According to the European directive EN 1717.  
 Unit certified ACSE  
 A maintenance has to be done regularly.  
 No bond of control is imposed.



|                  |           |
|------------------|-----------|
| N° DE CERTIFICAT | ACSE      |
| Procar PULV CA   | 12/04-003 |

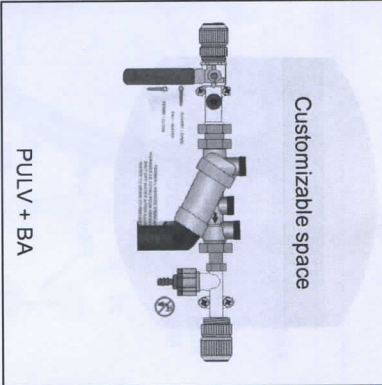
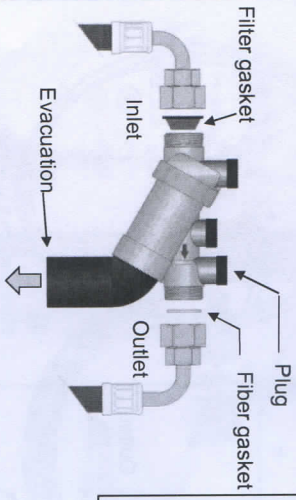
# System PROCAR PULV - BA disconnecter

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## BA DEVICE mini BA195

Assembly : horizontal

Inlet Min pressure : 1,5 bar  
Inlet max pressure : 10 bar  
Max temperature : 65°C



PULV + BA

Protective system against water pollution in interior circuits.  
According to the European directive EN 1717.  
Unit certified DVGW, SVGW, KIWA, NF, ETA, WRC.  
A maintenance has to be done regularly.



| CERTIFICATION N°         | DVGW            | ACSE          | KIWA      | LGA         | BELGAQUA       | WRAS      | TZW                                 | W270                          |
|--------------------------|-----------------|---------------|-----------|-------------|----------------|-----------|-------------------------------------|-------------------------------|
| Stainless steel hoses    | DM40394/CO0032  | 16 ACC N° 172 |           |             |                | 100/45/14 |                                     |                               |
| Fibre Gasket             | NG 4.123BL.0563 |               |           |             |                |           | KA.03A/11<br>KA.03B/12<br>KA.00A/15 | MO15/11<br>MO09/11<br>MO11/13 |
| Ball valve               |                 |               |           |             |                |           |                                     |                               |
| BA Device                | NM430585S0408   |               | K20831/04 | P-IX18345/1 | Belg 08/166/BA |           |                                     |                               |
| Prowash unit CA          |                 | 12/04-003     |           |             |                |           |                                     |                               |
| Prowash unit + BA device | AS-0625CO0308   | 12/04-004     |           |             |                |           |                                     |                               |

# System PROCAR PULV - Accessories

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| ACCESSORIES   |  |
|---|--|
| <p>Stainless steel hose premium reel:<br/>10 to 15m hose</p>                            | <p>Plastic hose blue Evo:<br/>10, 15 or 20m hose</p>                                   |
| <p>3 way distributor device for water inlet.</p>  | <p>Blue gun shock and heat protected</p>   |
| <p>Stainless steel lance no-scratch</p> <p>L:30cm<br/>L:60cm<br/>L:90cm<br/>L:182cm</p> | <p>Stainless steel lance spray gun</p> <p>L:30cm<br/>L:60cm<br/>L:90cm<br/>L:182cm</p> |
| <p>Telescopic handle with water channel L: 2x1,5m + Three angle hydraulic brush</p>     | <p>Aluminium handle with water channel L: 77cm</p>                                     |
| <p>Three angle hydraulic brush</p>  | <p>Telescopic handle with water channel L: 2x1,5m + Three angle hydraulic brush</p>    |

