



EC 35 **Hi-TE**
EC 35 **VX**

EC 50 **Hi-TE**



EX 65 **Hi-TE**
EX 80 **Hi-TE**

User manual

Bell cups and Shaping air assemblies for High Velocity Turbine

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Bell cups and Shaping air assemblies for High Velocity Turbine

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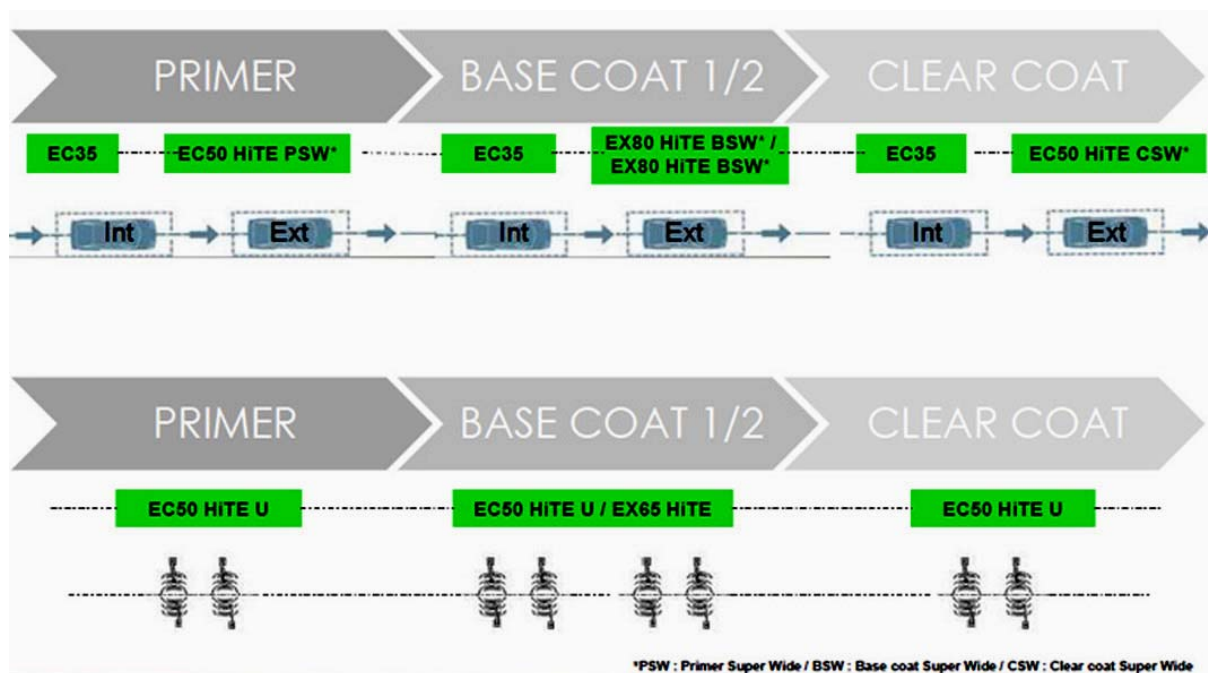
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1. Description

Hi-TE technologies composed of a bell and a shaping air assembly are dedicated to sprayers equipped with high velocity turbines (PPH 707, Acculook 707 and Accubell 708...).

- EC 35 VX technology: diameter of bell cup 35 mm.
- EC 35 Hi-TE technology: diameter of bell cup 35 mm.
- EC 50 Hi-TE U technology: diameter of bell cup 50 mm.
- EC 50 Hi-TE W technology: diameter of bell cup 50 mm.
- EC 50 Hi-TE PSW technology: diameter of bell cup 50 mm.
- EC 50 Hi-TE CSW technology: diameter of bell cup 50 mm.
- EX 65 Hi-TE technology: diameter of bell cup 65 mm.
- EX 80 Hi-TE BSW technology: diameter of bell cup 80 mm.

1.1. Selection of the various technologies



1.2. Summary table

| Parts to be painted | Type of paints | Hi-TE Technologies (internal charge) |
|-----------------------|----------------|--------------------------------------|
| Body exteriors | Primer | 50 EC Hi-TE PSW |
| | Basecoat 1 | 80 EX Hi-TE BSW |
| | Basecoat 2 | 80 EX Hi-TE BSW |
| | SB clearcoat | 50 EC Hi-TE CSW |
| Body interiors | Primer | 35 EC VX |
| | Basecoat 1 | 35 EC VX |
| | SB clearcoat | 35 EC VX |
| Bumper | Primer | 50 EC Hi-TE U |
| | Basecoat 1 | 50 EC Hi-TE U |
| | Basecoat 2 | 65 EX Hi-TE |
| | SB clearcoat | 50 EC Hi-TE U |

1.3. Recommendations for the application on insulating parts

50 Hi-TE technologies allow variable spray patterns and if necessary narrow ones. They are thus specially designed for the application on plastic parts such as bumpers.

To obtain the best results, it is highly recommended to use these technologies with trajectories of variable flows and spray patterns (135 mm < W50 < 250 mm for EC 50 Hi-TE technology), with high to very high motion speeds of the TCP (Tool Center Point) and with high paint flows.

It is also recommended:

- to systematically ground the part to be painted.
- to start the trajectory within the grounded area, in particular for water-based products. The paint film will then ensure the electrical continuity.
- to use a high electrostatic voltage (85 kV).
- to use a reduced spraying distance: from 180 to 210 mm.

1.4. Performances of the different systems

| | 35 EC VX | EC 35 Hi-TE | EC 50 Hi-TE | EX 65 Hi-TE | 80 EX Hi-TE |
|----------------------------|--|---|--|--------------------|-----------------|
| Robot speed | up 1200 mm / s | | | | |
| Paint flow | 100 to 600 cc/mn | 250 to 850 cc/mn | 100 to 350 cc/mn | 150 to 850 cc/mn | |
| Rotation speed of bell cup | 25 to 85 krpm | | | 30 to 80 krpm | 25 to 65 krpm |
| Electrostatic charge | 50 kV maxi, 40kV recommended | 90 kV maxi, according to the distance | | | |
| Total shaping air | see § 2 page 12 | | | | |
| Impact diameter | variable 150 to 300 mm (according to the applied paints) | variable 75 to 300 mm (according to the applied paints) | variable 135 to 500 mm (according to the applied paints) | 300 to 350 mm | De 300 à 500 mm |
| Spraying distance | De 100 mm à 300 mm | 180 mm to 300 mm | 220 mm to 300 mm | De 180 mm à 300 mm | |

1.5. Spraying conditions

1.5.1. EC 35 VX Technology

The values of parameters given below are indicative.

| | |
|-----------------------------|---|
| Paint flow | 100 to 600 cc/min (350 cc/min recommended for CCB1) |
| Shaping air ratio | - |
| Speed of robot | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | 100 to 250 mm (150 mm recommended) |
| Electrostatic charge | 30 to 50 kV (40 kV recommended) |

| | Bell speed | Overlap | Width of variable pattern |
|-------------------|---|---|----------------------------------|
| All paints | from 25 to 45 krpm (25 krpm recommended) | de 50 à 75% (50% recommended for CCB1) | From 150 mm to 300 mm |

1.5.2. EC 35 Hi-TE Technology

The values of parameters given below are indicative.

| | |
|-----------------------------|--|
| Paint flow | 100 to 600 cc/min (350 cc/min recommended for CCB1) |
| Shaping air ratio | 1/3 vortex 2/3 straight Total air: see § 2 page 12 |
| Speed of robot | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | 180 to 260 mm (230 mm recommended) |
| Electrostatic charge | 60 to 90 kV (85 kV recommended) |

| | Bell speed | Overlap | Width of variable pattern |
|------------------------------|---|--|----------------------------------|
| Waterborne base coats | from 25 to 85 krpm (50 krpm recommended) | de 50 à 75% (50% recommended for CCB1 and 66% for CCB2) | From 75 mm to 300 mm |

1.5.3. EC 50 Hi-TE Technology

The values of parameters given below are indicative.

These values are valid for the different types of paint: water borne primers and base coats, solvent borne primers, base and clear coats.

| | |
|--|--|
| Paint flow | 200 to 850 cc/min (550 cc/min recommended) (according to the version used) |
| Shaping air ratio | 1/3 vortex 2/3 straight Total Air: see § 2 page 12 |
| Speed of robot | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | Water borne primers: 200 to 260 mm (230 mm recommended) |
| | Solvent borne primers: 200 to 260 mm (230 mm recommended) |
| | Waterborne base coats: 180 to 260 mm (230 mm recommended) |
| | Solvent borne base coats: 190 to 260 mm (230 mm recommended) |
| Solvent borne clear coats: 180 to 260 mm (230 mm recommended) | |
| Electrostatic charge | 60 to 90 kV (85 kV recommended) |

| | Bell speed | Overlap | Width of variable pattern |
|--------------------------|---|--|--|
| Water borne primers | From 45 to 65 krpm (55 krpm recommended) | From 50 to 66% (50% recommended) | 135 to 450 mm (200, 300 and 400 mm recommended for fixed pattern) |
| Waterborne base coats | From 35 to 85 krpm (50 krpm recommended) | From 50 to 75% (50% recommended pour CCB1 and 66% for CCB2) | 135 to 450 mm (200, 300 and 400 mm recommended for fixed pattern) |
| Solvent borne primers | From 30 to 55 krpm (40 krpm recommended) | From 50 to 66% (50% recommended) | 135 to 400 mm (180, 250 and 350 mm recommended for fixed pattern) |
| Solvent borne base coats | From 35 to 85 krpm (45 krpm recommended) | From 50 to 75% (50% recommended pour CCB1 and 66% for CCB2) | 135 to 450 mm (200, 300 and 400 mm recommended for fixed pattern) |
| Solvent borne clear-coat | From 25 to 65 krpm (30 krpm recommended) | From 50 to 75% (50% recommended) | 135 to 450 mm (200, 300 and 400 mm recommended for fixed pattern) |

1.5.4. EC 50 Hi-TE SW Technology

The values of parameters given below are indicative.

These values are valid for the different types of paint: water borne and solvent primers and solvent borne clear coats.

| | | |
|-----------------------------|--------|---|
| Paint flow | | 200 to 850 cc/min (550 cc/min recommended) (according to the version used). |
| Shaping air ratio | PSW | 1/2 vortex 1/2 straight Total Air : see § 2 page 12 |
| | CSW | 2/3 vortex 1/3 straight Total Air : see § 2 page 12 |
| Speed of robot | | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | | Primers : 180 to 230 mm (180 mm recommended) |
| | | Clear coats : 210 to 250 mm (210 mm recommended) |
| Electrostatic charge | 180 mm | 75 kV maxi. and recommended |
| | 210 mm | 80 kV maxi. and recommended |

| | Bell speed | Overlap | Width of variable pattern |
|--------------------------|--------------------|----------------|---------------------------------------|
| Water borne primers | From 45 to 55 krpm | From 50 to 66% | 300 to 500 mm (400 mm recommended) |
| Solvent borne primers | From 30 to 45 krpm | From 50 to 66% | 300 to 500 mm (400 mm recommended) |
| Solvent borne clear-coat | From 30 to 45 krpm | From 50 to 66% | 300 to 500 mm (400 mm recommended) |

1.5.5. EX 65 Hi-TE Technology

The values of parameters given below are indicative.

| | |
|-----------------------------|--|
| Paint flow | 100 to 350 cc/min |
| Shaping air ratio | 2/3 vortex 1/3 straight Total Air: see § 2 page 12 |
| Speed of robot | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | 230 mm recommended |
| Electrostatic charge | 80 kV |
| Bell speed | from 30 to 80 krpm |
| Overlap | from 66 to 75% |
| Width of pattern | around 300 mm (according to paints used) |

1.5.6. 80 EX Hi-TE BSW Technology

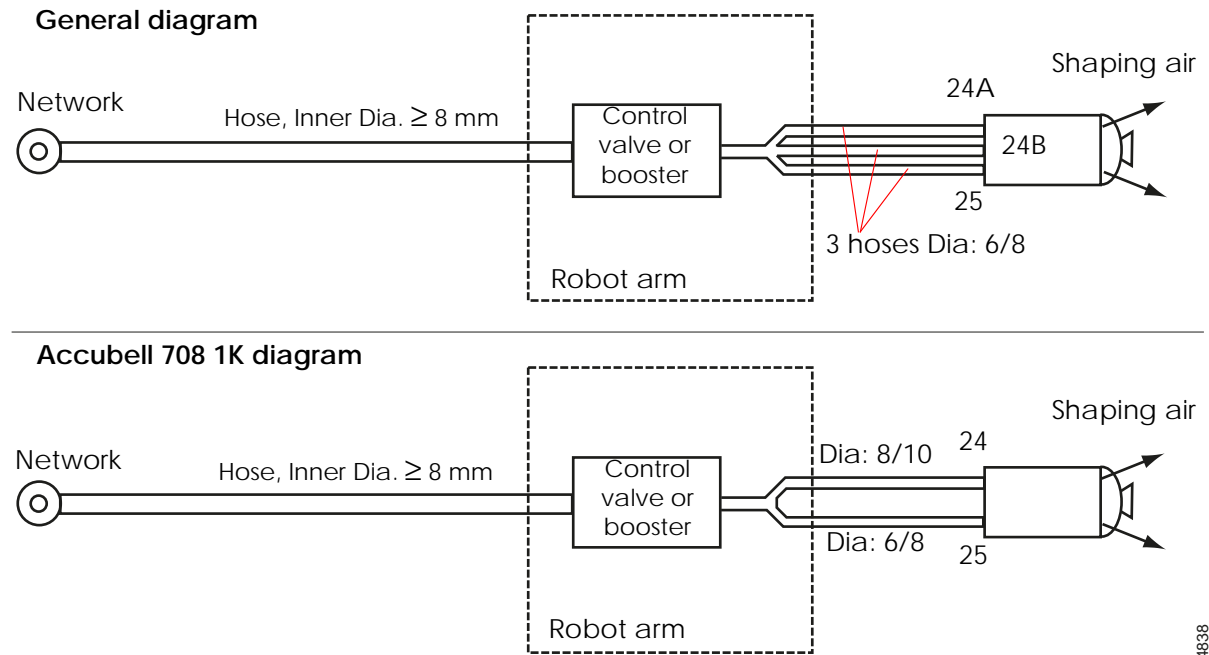
The values of parameters given below are indicative.

| | |
|-----------------------------|---|
| Paint flow | 150 to 850 cc/min. |
| Shaping air ratio | 1/3 vortex 2/3 straight Total Air : see § 2 page 12 |
| Speed of robot | up to 1200 mm/s (700 mm/s recommended) |
| Spraying distance | 180 mm recommended |
| Electrostatic charge | 75 kV |
| Bell speed | From 25 to 65 krpm |
| Overlap | from 50 to 75% |
| Width of pattern | From 300 to 500 mm (according to paints used) |

| | Bell speed | Overlap | Width of variable pattern |
|--------------------------|-----------------------|----------------|---------------------------------------|
| Water borne base coats | From 40 to 65 ktr/min | From 50 to 75% | 300 to 500 mm (400 mm recommended) |
| Solvent borne base coats | From 25 to 50 ktr/min | From 50 to 75% | 300 to 500 mm (400 mm recommended) |

1.6. Installation rules

Hi-TE systems are allowed with a shaping air supply to obtain the good ratio on each circuit. For that, the installation must respect the following diagrams:



DES04838

The hoses at the exit of control valve or booster must have the same length to the quick disconnect plate.

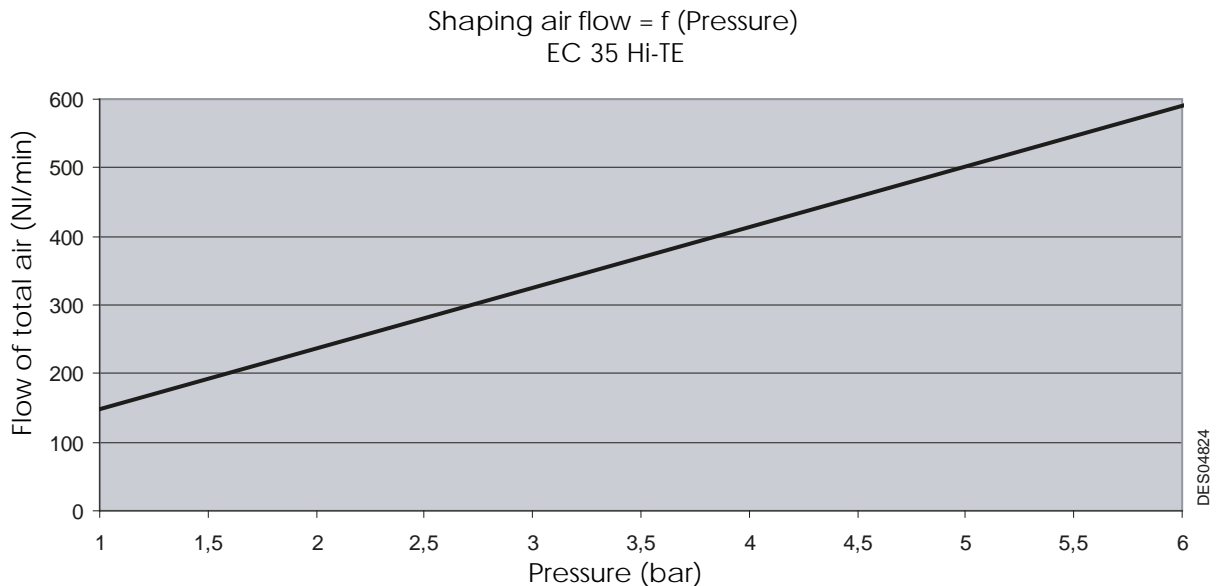
2. Curves flow / pressure for each Hi-TE Technology

Measures of pressure are taken at a distance of 1m to the quick disconnect plate before the separation of the airs.

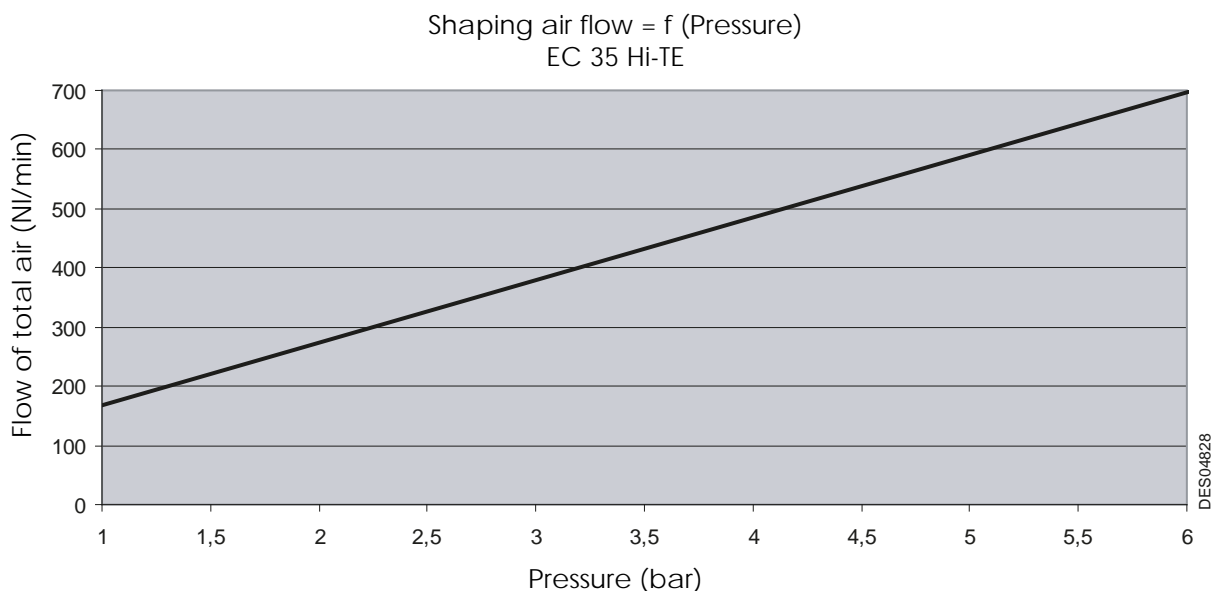
The values of parameters given below are indicative and depend on the configuration of shaping air supply circuit.

2.1. EC 35 Hi-TE Technology

2.1.1. For all the atomizers except the Accubell 708 1K



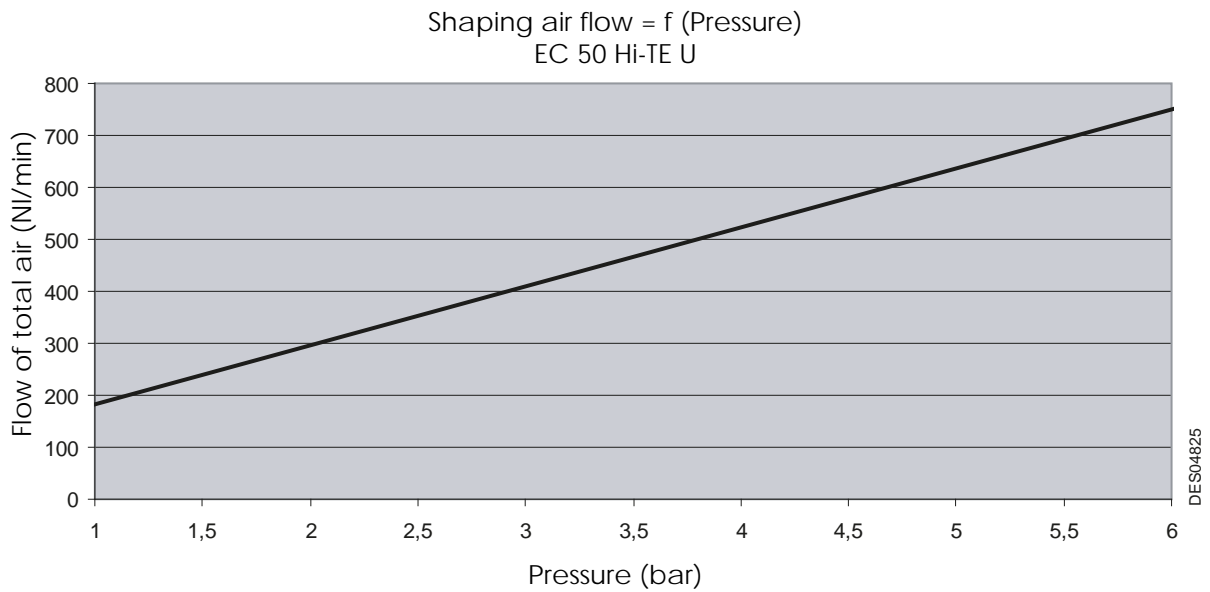
2.1.2. For Accubell 708 1K atomizer



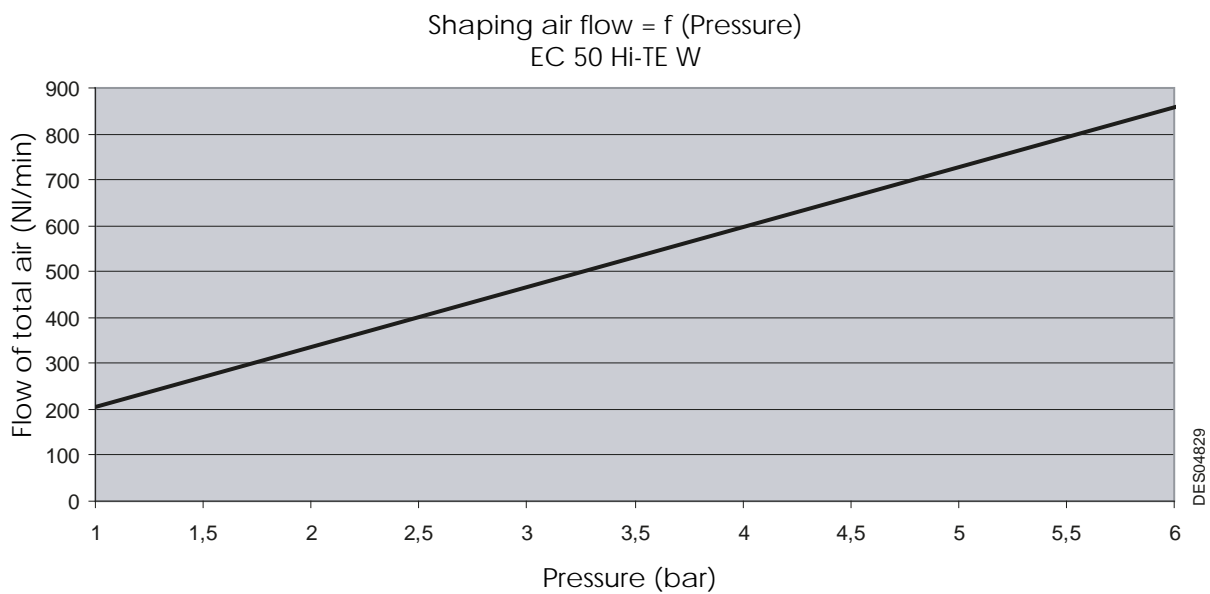
2.2. EC 50 Hi-TE Technologies

2.2.1. For all the atomizers except the Accubell 708 1K

EC 50 Hi-TE U Technology

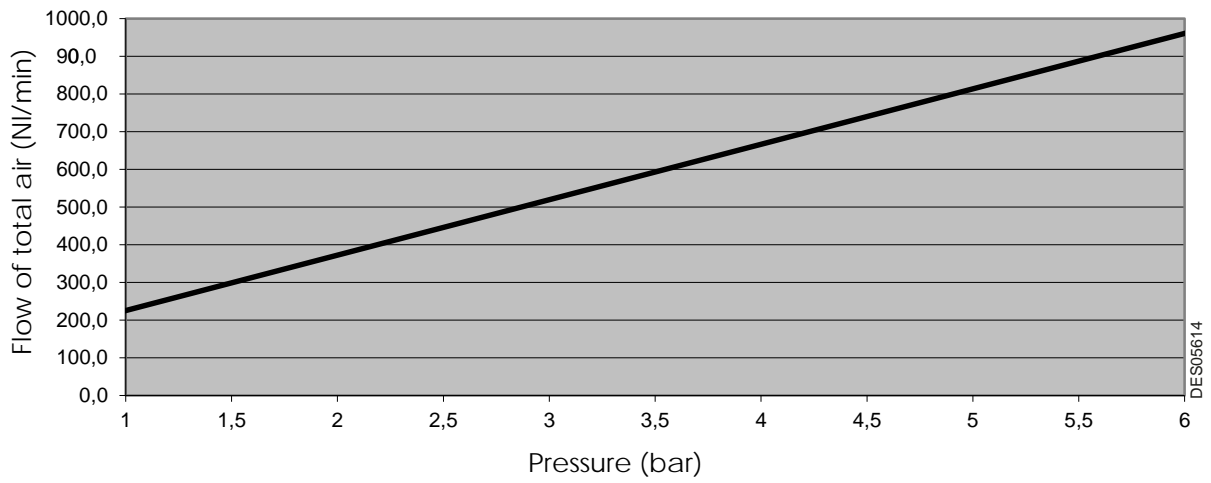


EC 50 Hi-TE W Technology



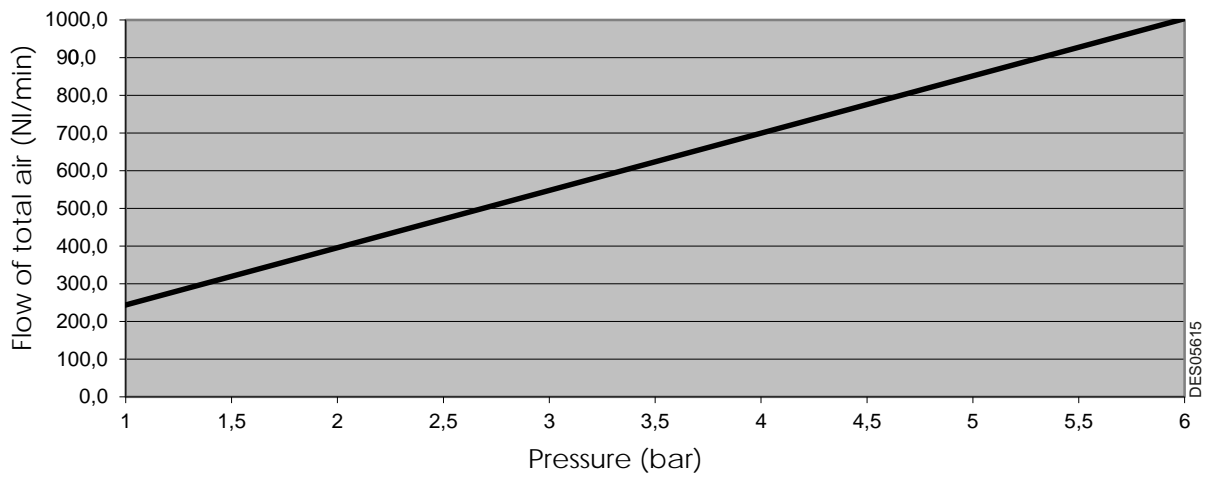
EC 50 Hi-TE PSW Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE PSW



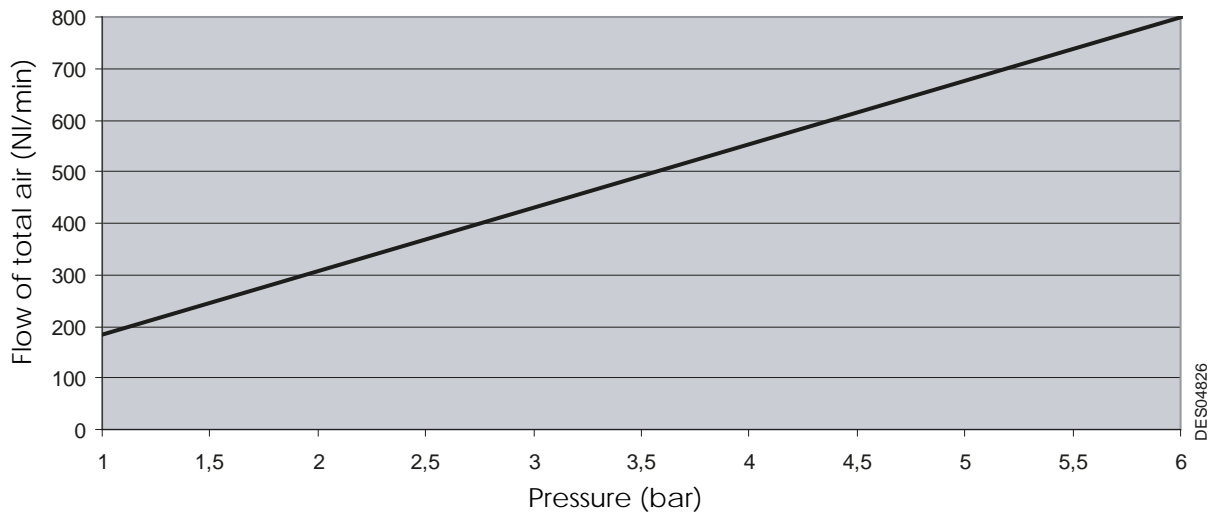
EC 50 Hi-TE CSW Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE CSW



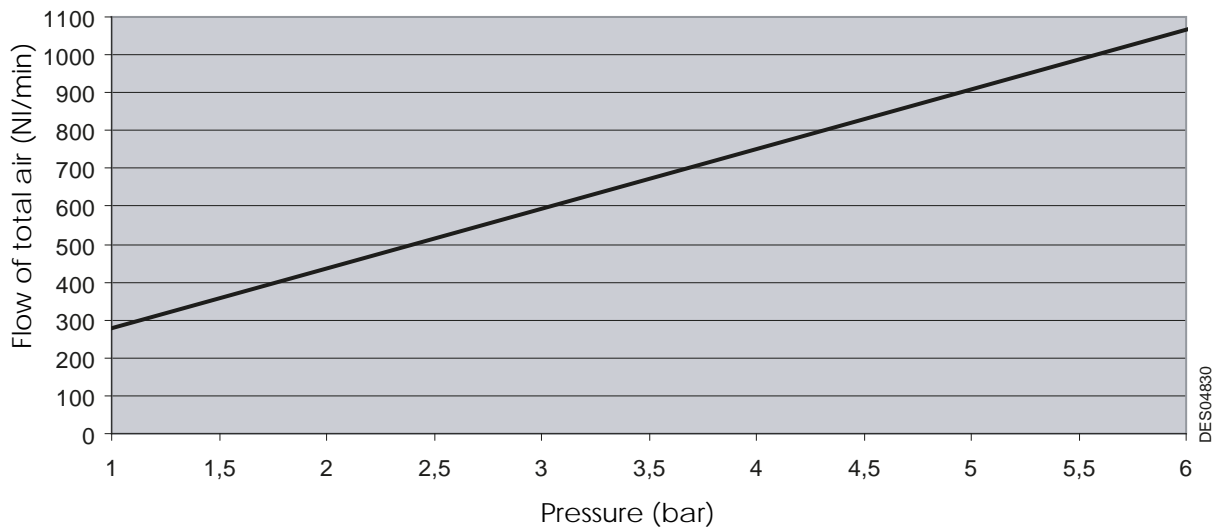
2.2.2. For Accubell 708 1 K atomizer
EC 50 Hi-TE U Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE U



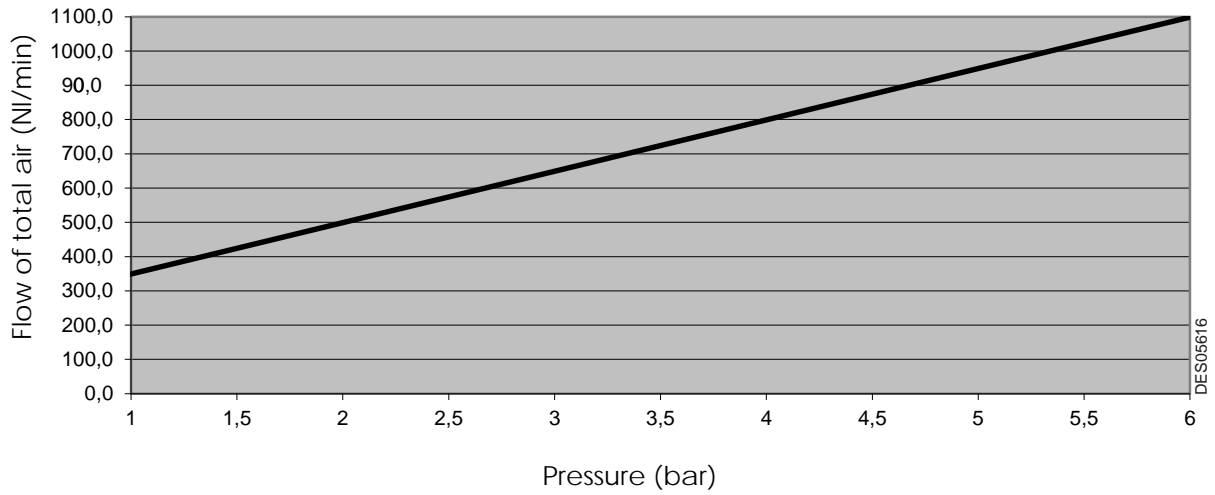
EC 50 Hi-TE W Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE W



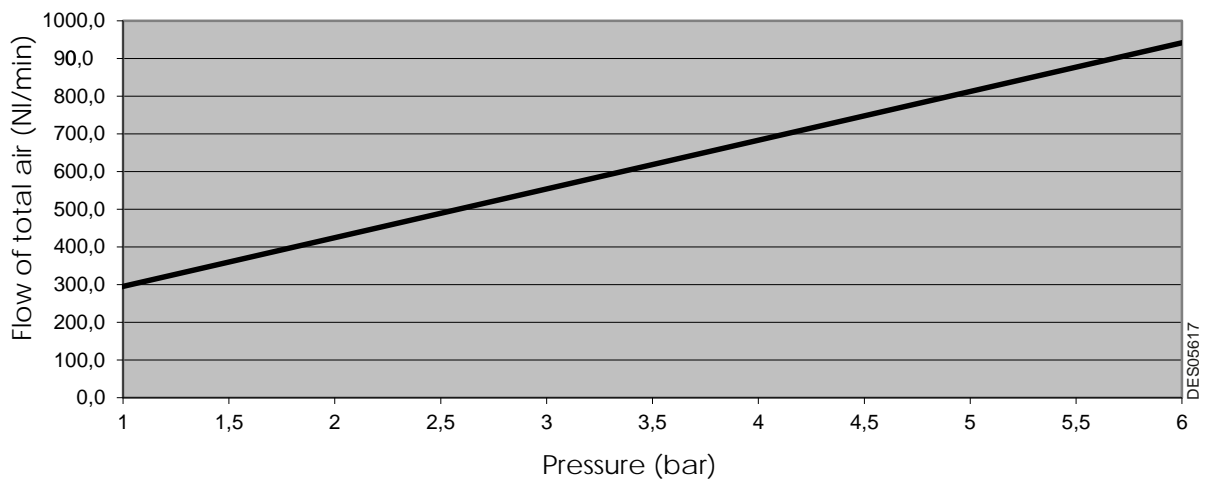
EC 50 Hi-TE PSW Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE PSW



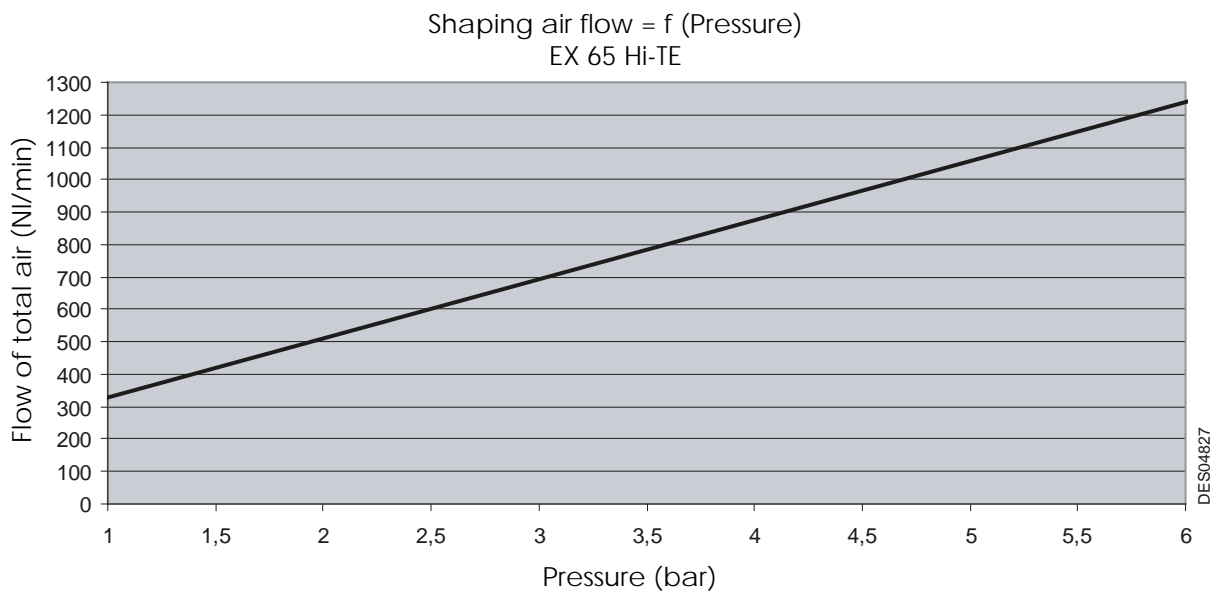
EC 50 Hi-TE CSW Technology

Shaping air flow = f (Pressure)
EC 50 Hi-TE CSW

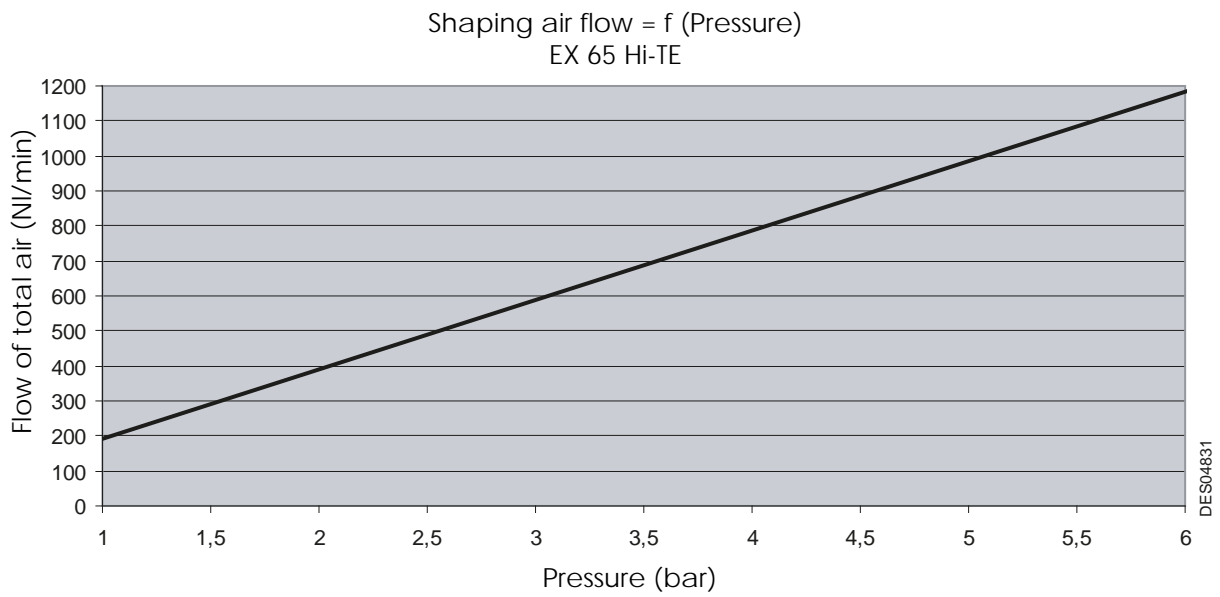


2.3. EX 65 Hi-TE Technology

2.3.1. For all the atomizers except the Accubell 708 1K



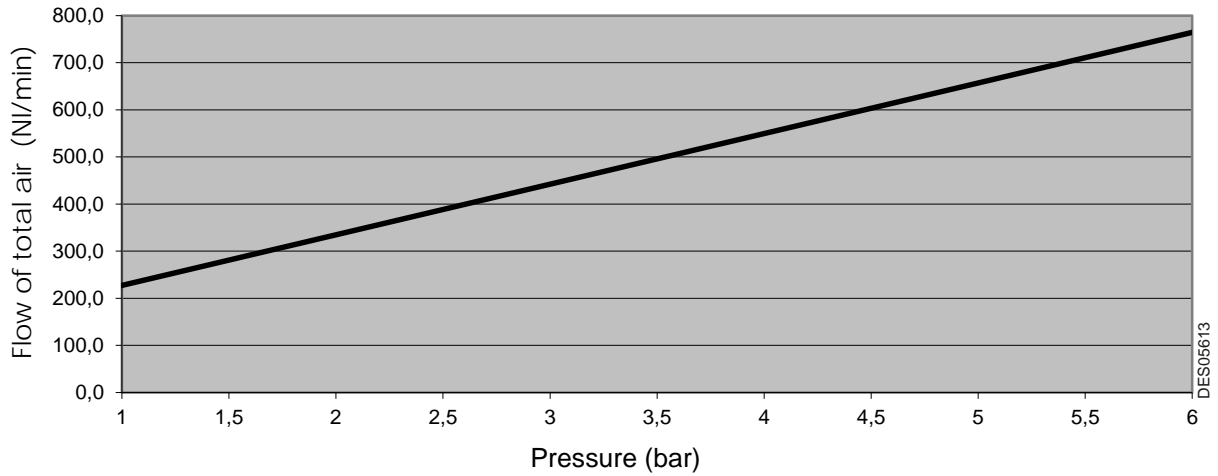
2.3.2. For Accubell 708 1K atomizer



2.4. EX 80 Hi-TE Technology

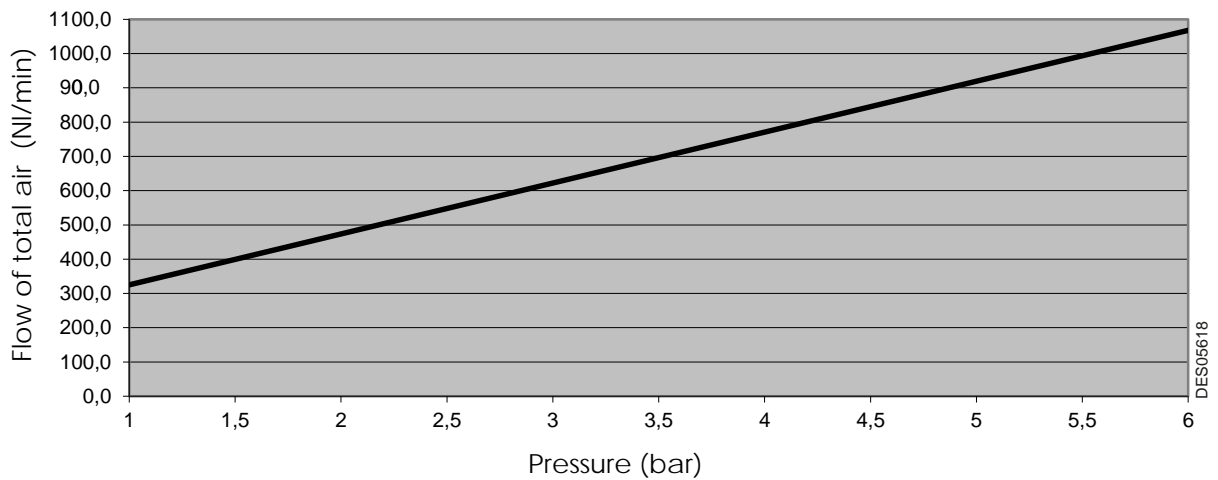
2.4.1. For all the atomizers except the Accubell 708 1K

Shaping air flow = f (Pressure)
EX 80 Hi-TE BSW



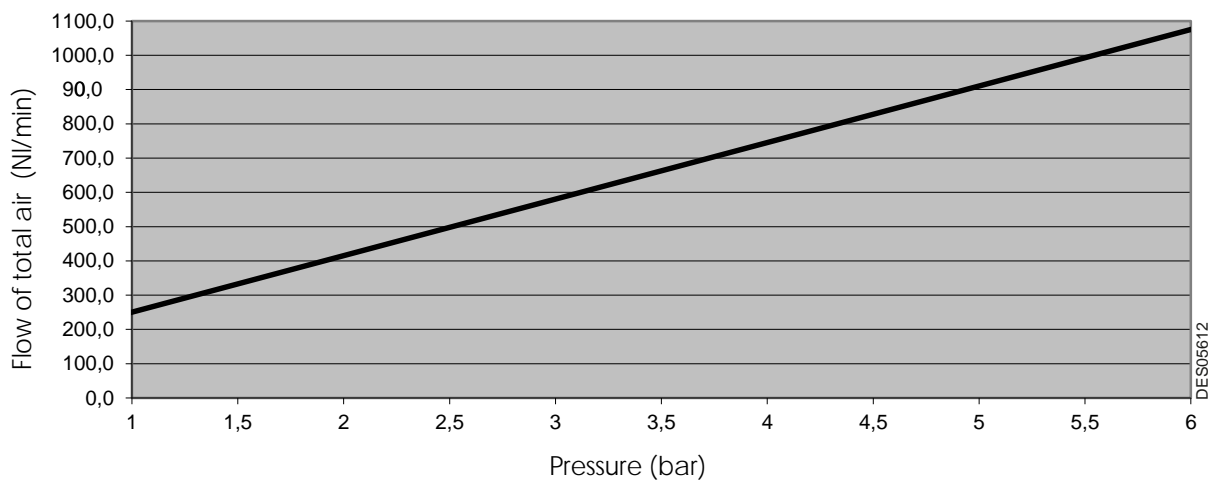
Optional version

Shaping air flow = f (Pressure)
EX 80 Hi-TE BSW



2.4.2. For Accubell 708 1K atomizer

Shaping air flow = f (Pressure)
EX 80 Hi-TE BSW

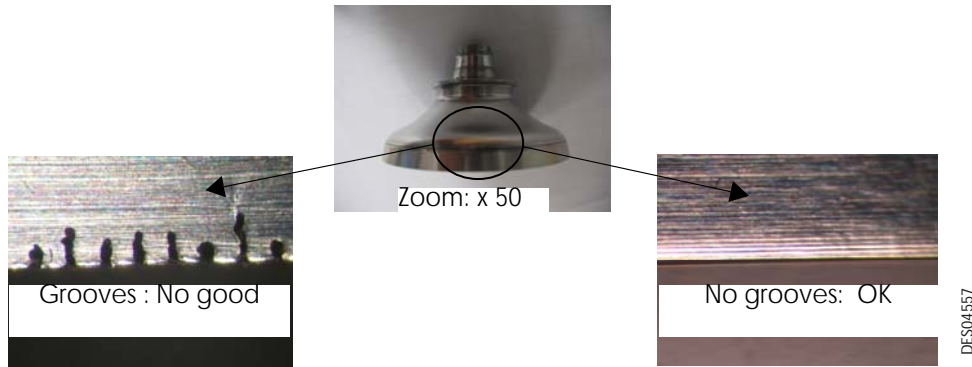


3. Recommendations

For perfect results, the atomizing bell cup must be cleaned frequently. It is recommended to clean the bell cup external every 8 hours and completely every 120 hours. The bell cup must not be subjected to impacts on its atomizing edge or distorted because it is balanced.

Necessary checks:

It is imperative to check the wear of the bell cup (all diameters) at the level of the spraying edge every 120 hours using a binocular 50-times magnifying glass.



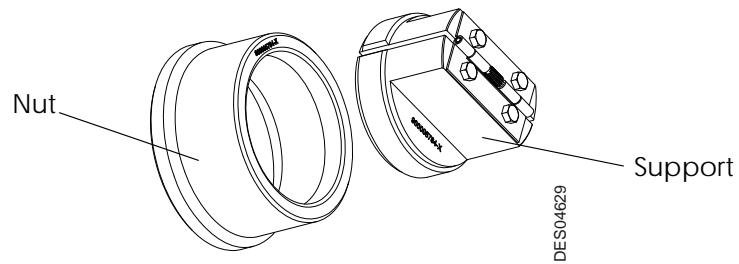
WARNING : If these recommendations are not respected, the operator exposes himself to the mechanical risk characterized by a tearing of the material due to the excessive wear of the bell cup.

For the replacement frequencies of the various bell cups ([see § 8 page 30](#)).

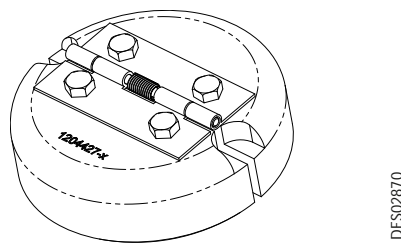
4. Characteristics

| | Bell cup 35 mm | | Bell cup 50 mm | | Bell cup 65 mm | | Bell cup 80 mm |
|----------|----------------|----------|----------------|----------|----------------|----------|----------------|
| | Aluminium | Titanium | Aluminium | Titanium | Aluminium | Titanium | Titanium |
| Material | Aluminium | Titanium | Aluminium | Titanium | Aluminium | Titanium | Titanium |
| Length | 45.5 mm | 45.5 mm | 45.5 mm | 45.5 mm | 45.5 mm | 45.5 mm | 45,5 mm |
| Weight | 38 g | 38 g | 44 g | 53 g | 67 g | 85 g | 86 g |

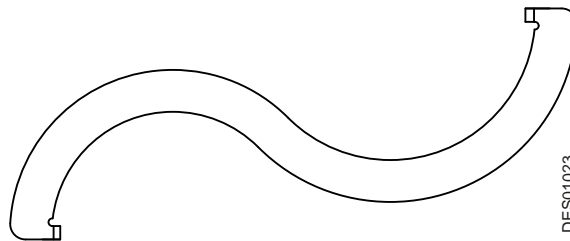
5. Tools



| Part Number | Description | Qty | Unit of sale |
|-------------|--|-----|--------------|
| 900005784 | Removal tool for EC 35 magnetic bell cup | 1 | 1 |



| Part Number | Description | Qty | Unit of sale |
|-------------|--|-----|--------------|
| 900000803 | Removal tool for EC 50 magnetic bell cup | 1 | 1 |
| 1204427 | Removal tool for EX 65 magnetic bell cup | 1 | 1 |
| 900008708 | Removal tool for EX 80 magnetic bell cup | 1 | 1 |



| Part Number | Description | Qty | Unit of sale |
|-------------|--|-----|--------------|
| 1308689 | Installation/ Removal tool for outer cover | 1 | 1 |

6. Maintenance



WARNING : Before any operation, stop shaping air and high voltage and wait for a complete stop of the turbine. Never stop the bearing air.

6.1. Magnetic bell cup



WARNING : All maintenance and handling operations operated on the bellcup must be carried out with utmost care as it is balanced.



WARNING : Any use of an unbalanced bellcup involves an inevitable destruction of the high speed turbine. Possible causes for unbalanced rotating parts are: paint deposits, physical damage and dry paint located on the bellcup or on the securing cone.

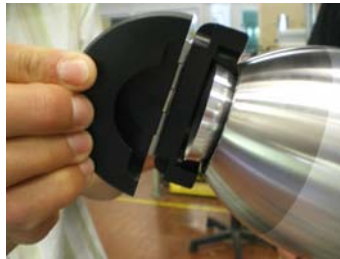
6.1.1. Removal



WARNING : The magnetic bellcup removal is carried out only the shaping air assembly in place.

EC 50, EX 65 and EX 80 bell cup removal

- **Step 1:** Position the tool ([see § 5 page 21](#)) on the bell cup.



WARNING : Take care to the edge of the bell cup.

- **Step 2:** Close the tool on the bell cup and pull the bell cup in the axis.



- **Step 3:** Place the bell cup with care on a flat surface. It is imperative not to prop the bell against the fixation cone

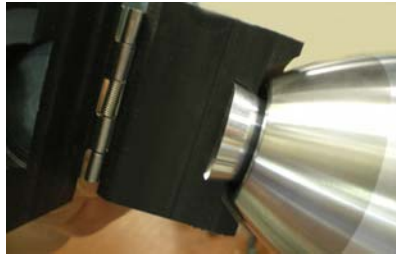


EC 35 bell cup removal

- **Step 1:** Position the tool (support) ([see § 5 page 21](#)) on the bell cup.



WARNING : Take care to the edge of the bell cup.



- **Step 2:** Close the tool on the bell cup.



- **Step 3:** Hold the tool and screw the nut of the tool clockwise; it must come right against the outer cover (mechanical stop).



- **Step 4:** Hold the nut, then screw it anti-clockwise in order to remove the bell cup.



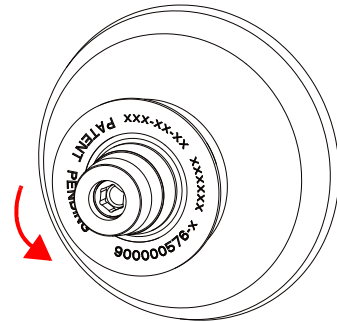
6.1.1.1. Deflector removal



WARNING : The deflector removal is an operation to be only realized within the framework of a cleaning, the deflector is balanced with the bell cup and thus cannot be replaced alone.

- Using an appropriate allen wrench, loosen the deflector by the back of the bellcup. Caution: left threading.
- Extract the deflector from the bellcup.

Loosening sense



6.1.2. Reassembly

Deflector reassembly:

- Put in place, with precaution, the deflector in the bellcup. Make sure that the threading, the interior of the cone of the bellcup as well as the deflector are perfectly clean.
- Turn over the assembly, then using an appropriate wrench, tighten the deflector in the bellcup with a tightening torque of 3 N.m.

Bellcup reassembly:

- Make sure that the bellcup is perfectly clean, check the absence of foreign matters (residues of dry paints, filings...) on the complete fixing cone of the bellcup and on the face of the magnet. Take care particularly of the fixing cone.
- Put in place the magnetic bellcup on the turbine, a "clac" should be heard.



WARNING : After the reassembly, rotate the bellcup by hand (after setting of the bearing air), carry out a visual check in order to check that the bellcup rotates perfectly (in a concentric way) and freely.

6.2. Shaping air assembly

The procedure is identical whatever the diameter of the bellcup

6.2.1. Disassembly

- **Step 1:** With the fingers, push the shaping air shroud against the atomizer and remove the outer cover using the tool (P/N # 1308689) by placing the wrench notches into the outer cover slots, turn clockwise and continue removing by hand.
- **Step 2:** Remove the shaping air shroud.

6.2.2. Reassembly

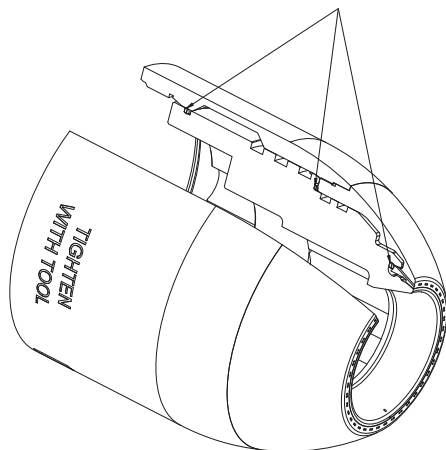


WARNING : Clean all components and inspect for damage, replace if necessary [see § 8 page 30](#).



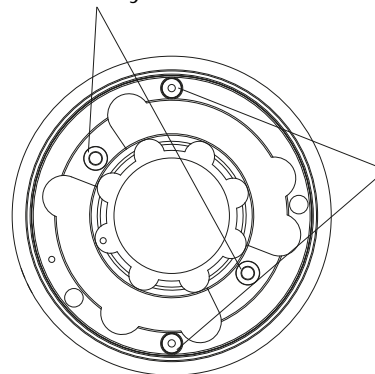
WARNING : Before reinstalling the shaping air assembly, check that all O-rings are present.

3 o-rings on the shaping air shroud



View A

2 o-rings are added to the view A on the shaping air shroud only for Accubell 708



Rear view

Make sure that one or two restrictors are in place (color yellow ochre)

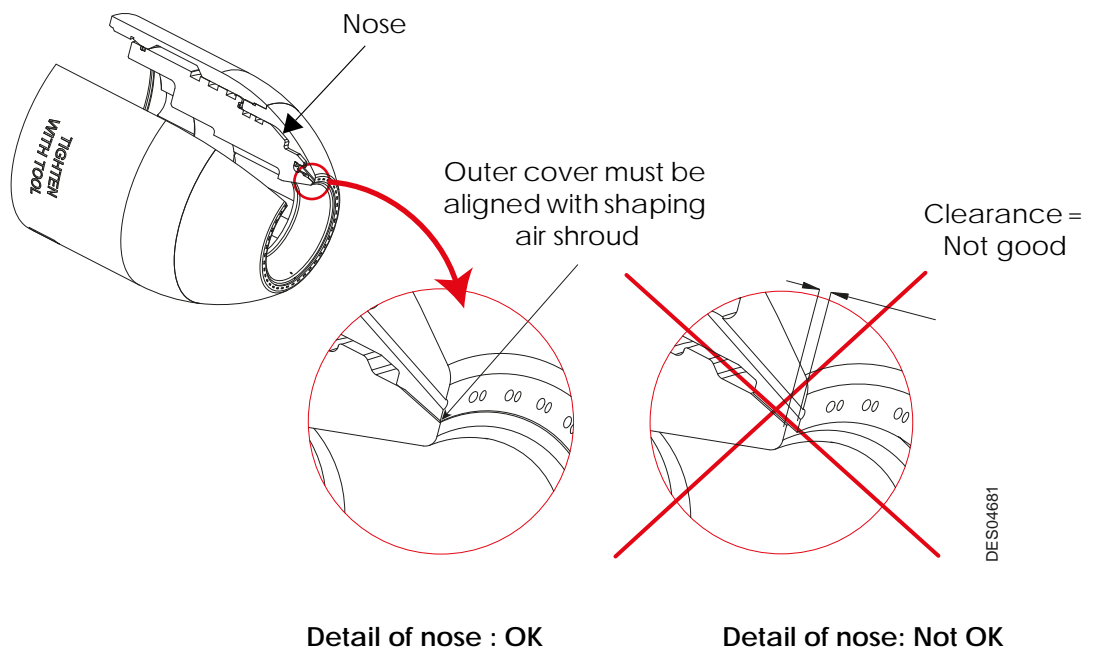
DES04697

- **Step 1:** Check the presence of the o-rings on the shaping air shroud, install it on the atomizer while making corresponding the various indexes (see illustration) and put it in stop.



- **Step 2:** Put in place the outer cover over the assembly, secure it by hand then tighten it with the tool P/N # 1308689. When tightening is correct the front face of the shaping air shroud and the front face of the outer cover are aligned.





7. Cleaning

7.1. Bell cup cleaning

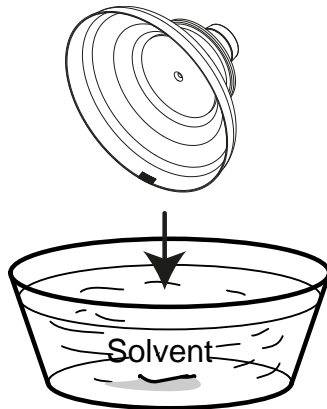


WARNING : All maintenance and handling operations operated on the bell cup must be carried out with utmost care as it is balanced.

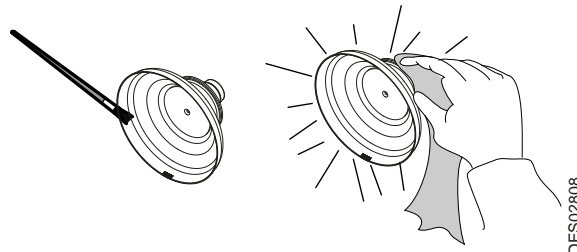
- **Step 1:** Remove the bell cup ([see § 6.1.1 page 22](#)).
- **Step 2:** Let the bell cup soak for one hour in a suitable solvent, then clean with a clean cloth and soft brush.



WARNING : Make sure that all surfaces are clean and completely free of impurities, particularly the inner and outer surfaces of the bell cup fastening cone.

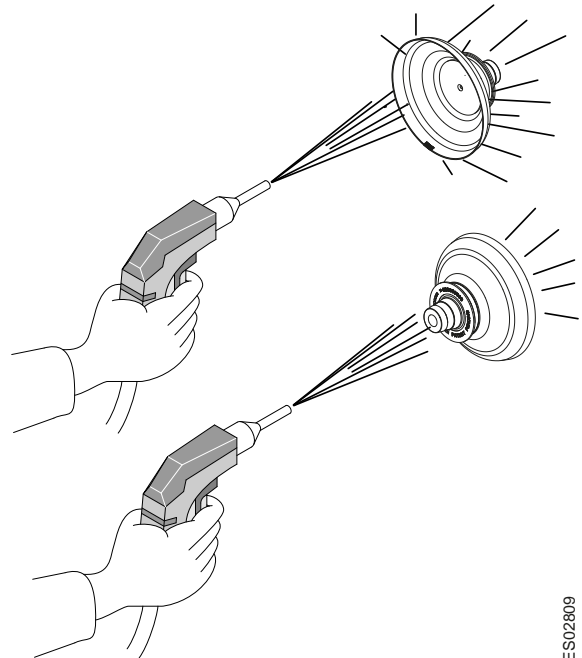


DES02807



DES02808

- **Step 3:** Dry carefully the two faces of the bell cup with compressed air.

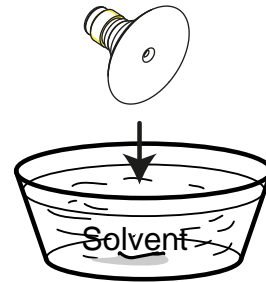


DES02809

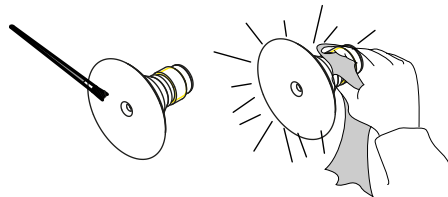
7.2. Deflector cleaning

- **Step 1:** Remove the deflector, ([see S 6.1.1.1 page 24](#)).

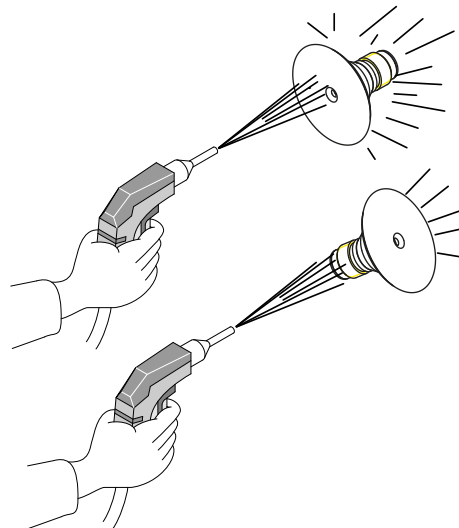
- **Step 2:** Let the deflector soak in solvent for one hour.



- **Step 3:** Then clean with a clean cloth and soft brush.



- **Step 4:** Dry carefully the two faces of the deflector with compressed air.



DES02825

7.3. Outer cover cleaning

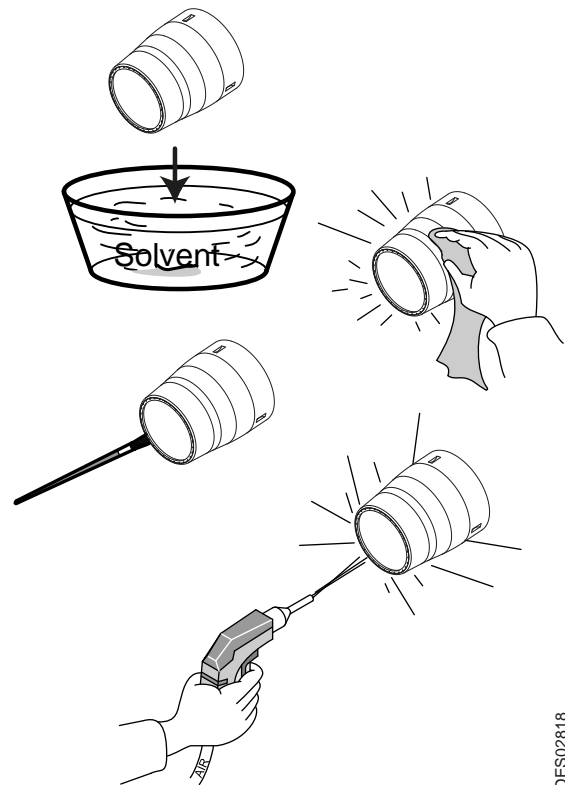
- **Step 1:** Remove the outer cover, [see § 6.2.1 page 25](#).

- **Step 2:** Let the outer cover soak in solvent for one hour, then clean the outer and inner surfaces using a rag soaked in solvent.

- **Step 3:** Using a nylon brush, clean all the holes located on the front face of the outer cover.

- **Step 4:** Dry carefully with compressed air insisting on the holes to eliminate the paint residues, then wipe with a clean dry rag.

- **Step 5:** Check the shaping air shroud, clean it if necessary using a rag soaked in solvent.



DES02818

8. Spare parts



WARNING : The deflector removal is an operation to be only realized within the framework of a cleaning, the deflector is balanced with the bell cup and thus cannot be replaced alone.

8.1. Replacement Frequency of bell cups

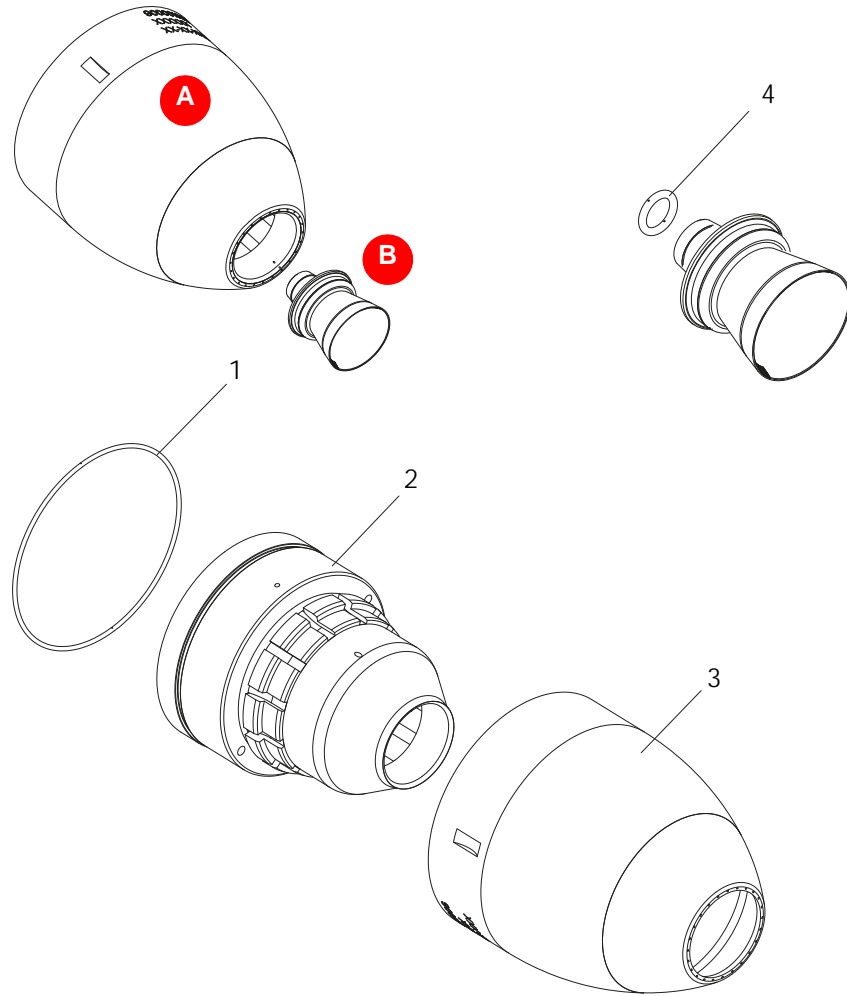
| Types of bell cups | Replacement frequency |
|--------------------|-----------------------|
| EC 35 bell cup | 5000 hours |
| EC 50 bell cup | 5000 hours |
| EX 65 bell cup | 5000 hours |
| EX 80 bell cup | 5000 hours |



WARNING : SAMES KREMLIN recommends to integrate these periodicities in preventive maintenance schemes and to systematically apply them, so that the equipment is not affected by an excessive wear of the bell cup.

8.2. 35 EC VX System

8.2.1. 35 EC VX System using with all the atomizers



DES05608

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|-------------|--------------------------------|-----|--------------|--------------------------------------|
| | 910015814 | EC 35 VX System | 1 | 1 | 2 |
| A | 910003193 | EC 35 VX shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900001005 | Shaping air shroud | 1 | 1 | 2 |
| 3 | 900001006 | Outer cover | 1 | 1 | 2 |
| B | 910000636 | Aluminium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 4 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|-------------|-------------------------------|-----|--------------|--------------------------------------|
| | 910015815 | EC 35 VX System | 1 | 1 | 2 |
| A | 910003193 | EC 35 VX shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900001005 | Shaping air shroud | 1 | 1 | 2 |
| 3 | 900001006 | Outer cover | 1 | 1 | 2 |
| B | 910011188 | Titanium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 4 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

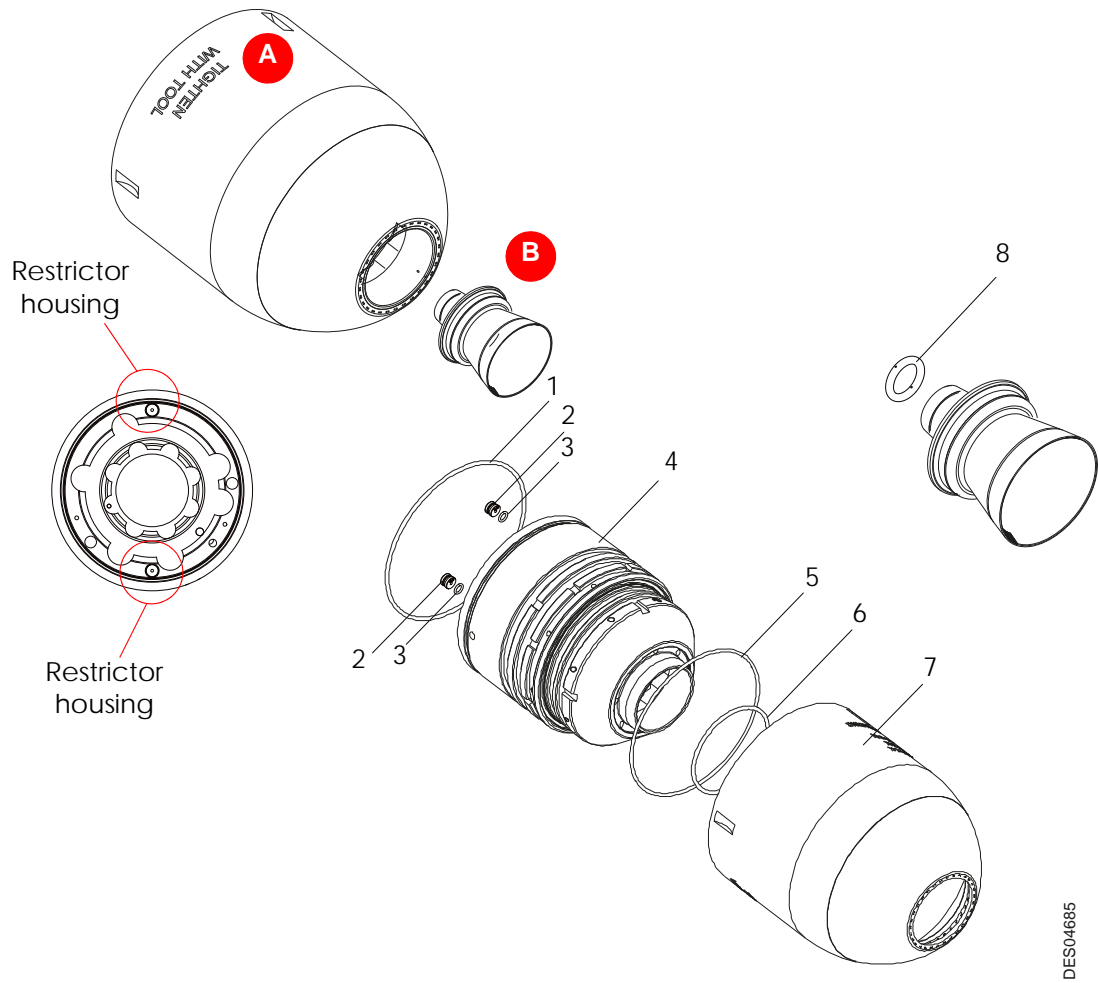
Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.3. EC 35 Hi-TE System

8.3.1. EC 35 Hi-TE System using with all the atomizers except the Accubell 708 1K



With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008509 | EC 35 Hi-TE System | 1 | 1 | 2 |
| A | 910008354 | EC 35 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006340 | Restrictor D: 1.25 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005773 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV420 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005772 | Outer cover | 1 | 1 | 2 |
| B | 910000636 | Aluminium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910012555 | EC 35 Hi-TE System | 1 | 1 | 2 |
| A | 910008354 | EC 35 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006340 | Restrictor D: 1.25 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005773 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV420 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005772 | Outer cover | 1 | 1 | 2 |
| B | 910011188 | Titanium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

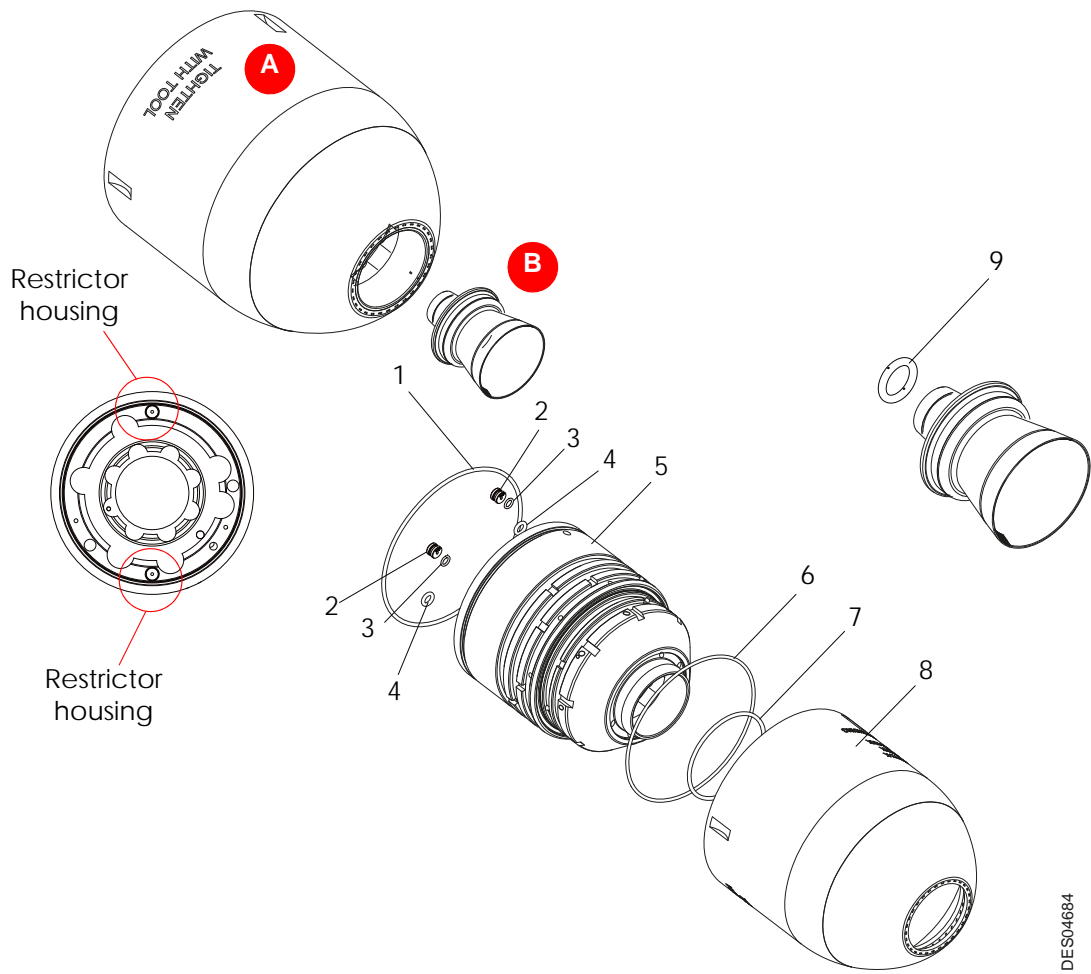
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.3.2. EC 35 Hi-TE system using with Accubell 708 1K only



With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008510 | EC 35 Hi-TE system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910006770 | EC 35 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006432 | Restrictor D: 1.4 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005025 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV420 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005772 | Outer cover | 1 | 1 | 2 |
| B | 910000636 | Aluminium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910012556 | EC 35 Hi-TE system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910006770 | EC 35 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006432 | Restrictor D: 1.4 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005025 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV420 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005772 | Outer cover | 1 | 1 | 2 |
| B | 910011188 | Titanium EC 35 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

Level 1: Standard preventive maintenance

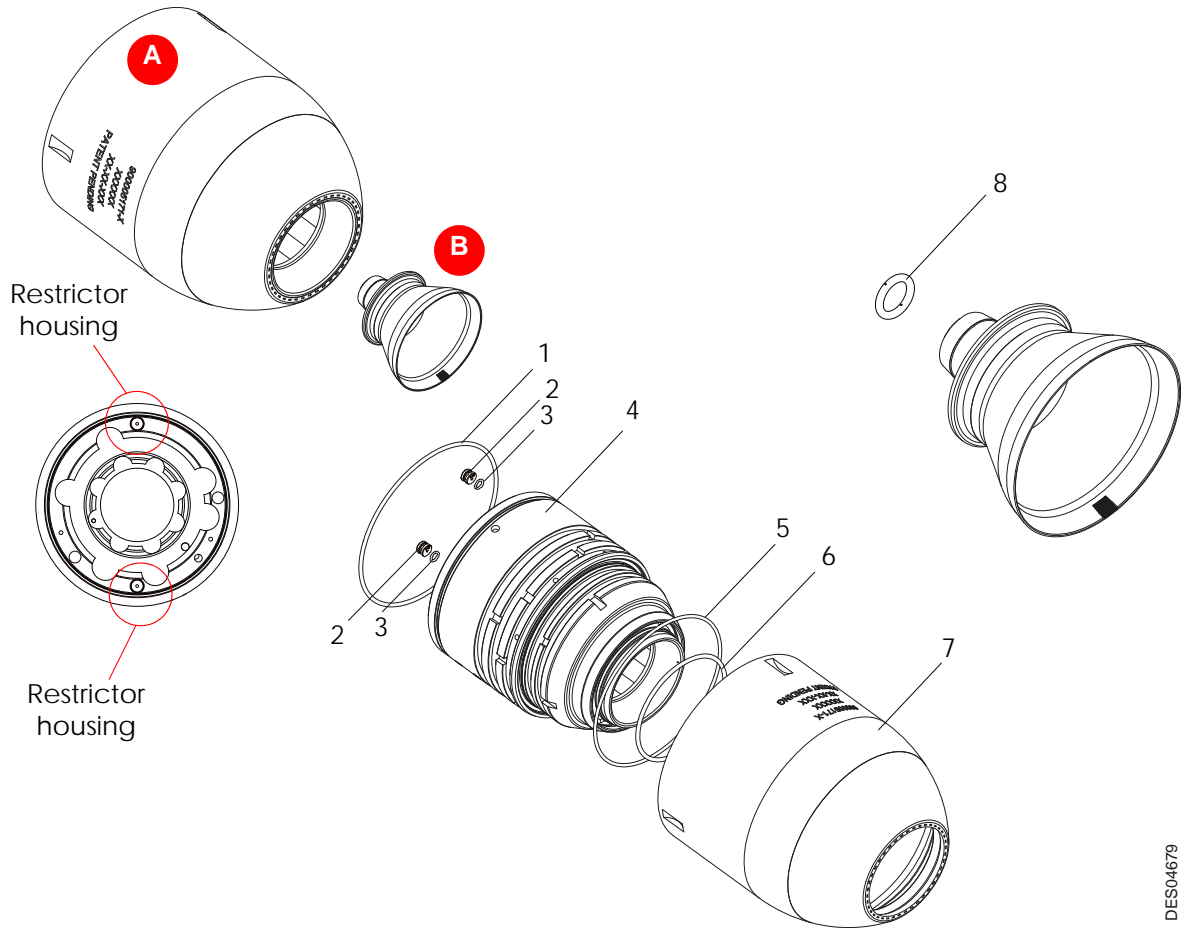
Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.4. EC 50 Hi-TE system

8.4.1. EC 50 Hi-TE system using with all the atomizers except the Accubell 708 1K

8.4.1.1. EC 50 Hi-TE U system



DES04679

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008505 | EC 50 Hi-TE U system | 1 | 1 | 2 |
| A | 910006932 | EC 50 Hi-TE U shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006433 | Restrictor D: 1.45 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005171 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910010195 | EC 50 Hi-TE U system | 1 | 1 | 2 |
| A | 910006932 | EC 50 Hi-TE U shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006433 | Restrictor D: 1.45 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005171 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

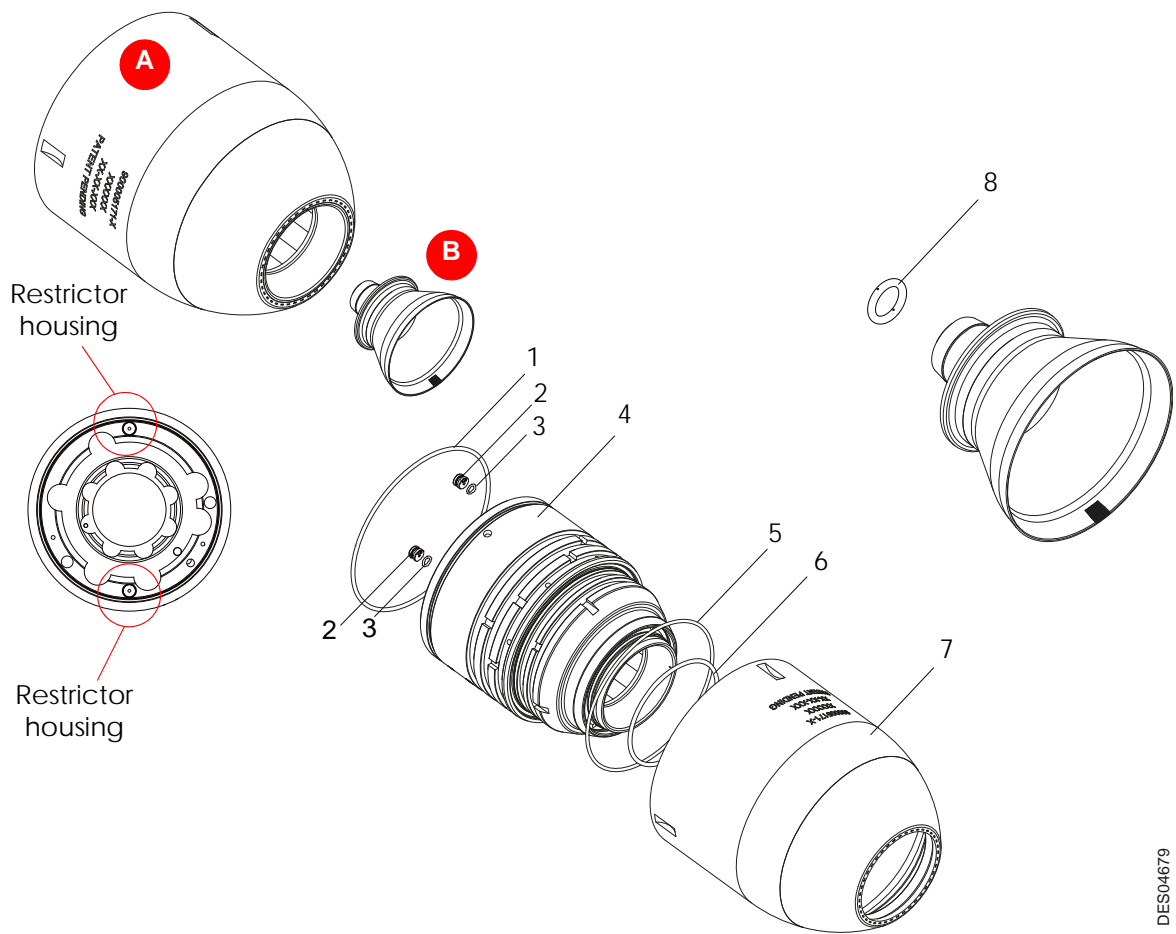
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.4.1.2. EC 50 Hi-TE W System



DES04679

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008506 | EC 50 Hi-TE W System | 1 | 1 | 2 |
| A | 910008532 | EC 50 Hi-TE W shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006433 | Restrictor D: 1.45 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005753 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910012558 | EC 50 Hi-TE W System | 1 | 1 | 2 |
| A | 910008532 | EC 50 Hi-TE W shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006433 | Restrictor D: 1.45 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005753 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

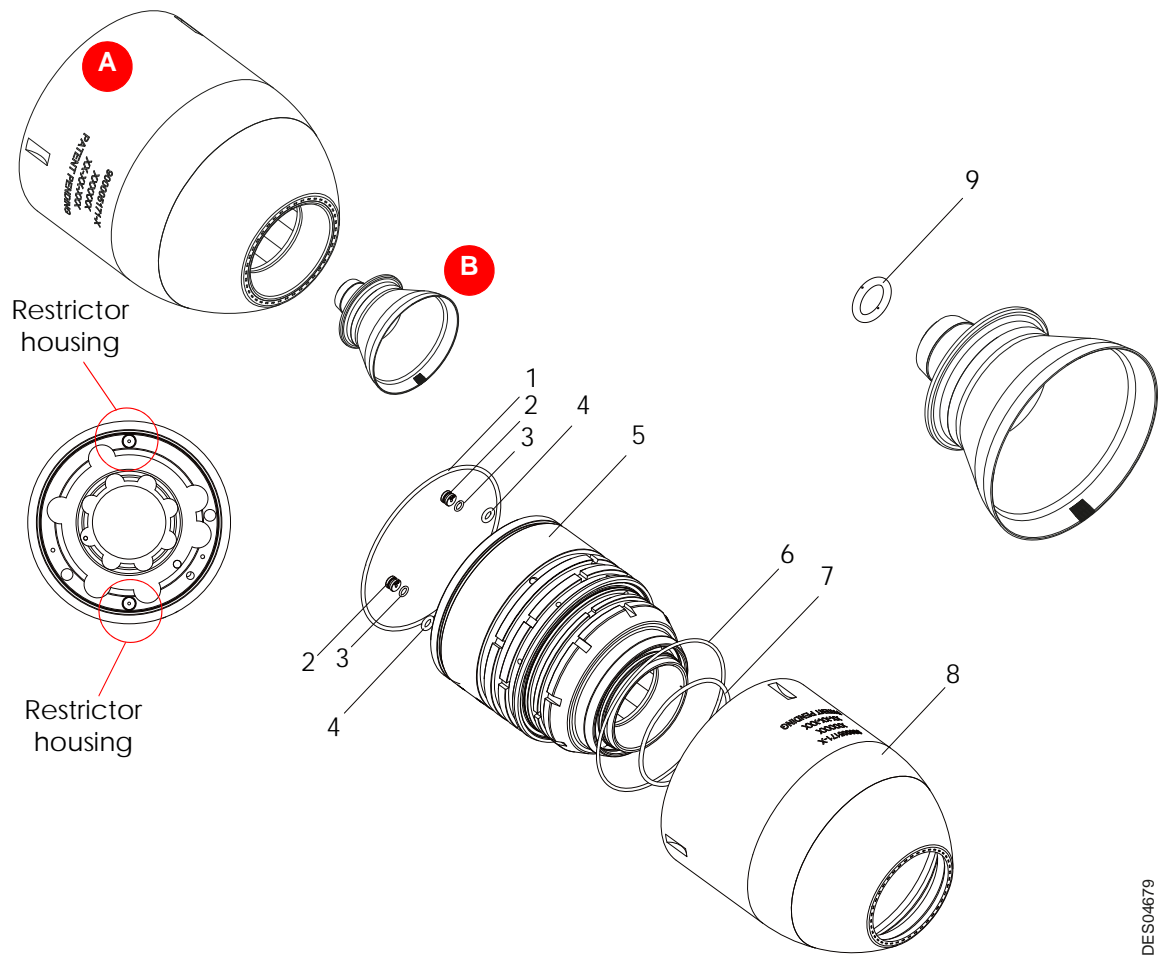
Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.4.2. EC 50 Hi-TE system using with Accubell 708 1K only

8.4.2.1. EC 50 Hi-TE U system



DES04679

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008507 | EC 50 Hi-TE U System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910006772 | EC 50 Hi-TE U shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006375 | Restrictor D: 1.52 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005171 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910012557 | EC 50 Hi-TE U System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910006772 | EC 50 Hi-TE U shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006375 | Restrictor D: 1.52 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005171 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

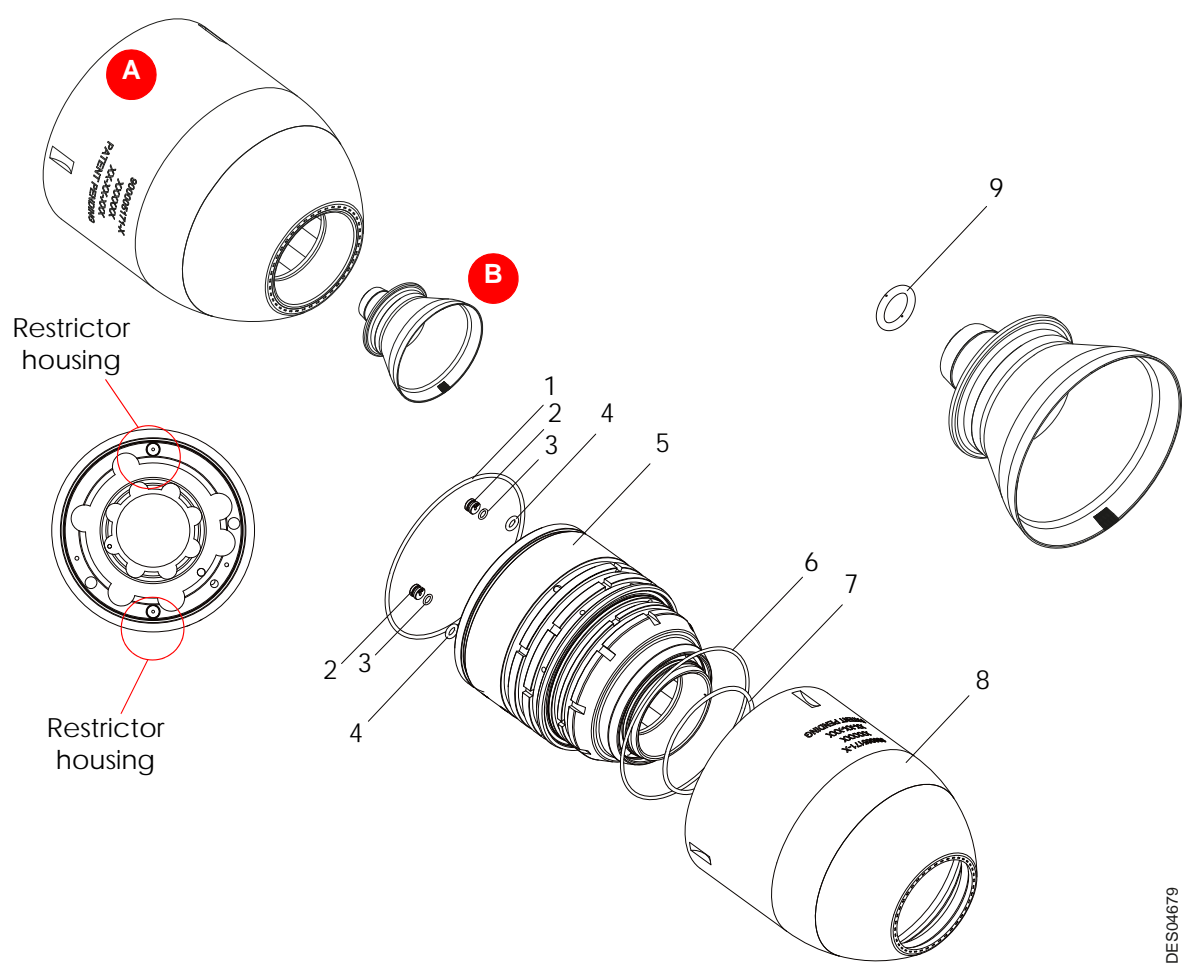
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.4.2.2. EC 50 Hi-TE W system



DES04679

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008508 | EC 50 Hi-TE W system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910008534 | EC 50 Hi-TE W shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006376 | Restrictor D: 1.7 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005753 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910012559 | EC 50 Hi-TE W system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910008534 | EC 50 Hi-TE W shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900006376 | Restrictor D: 1.7 | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005753 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

Level 1: Standard preventive maintenance

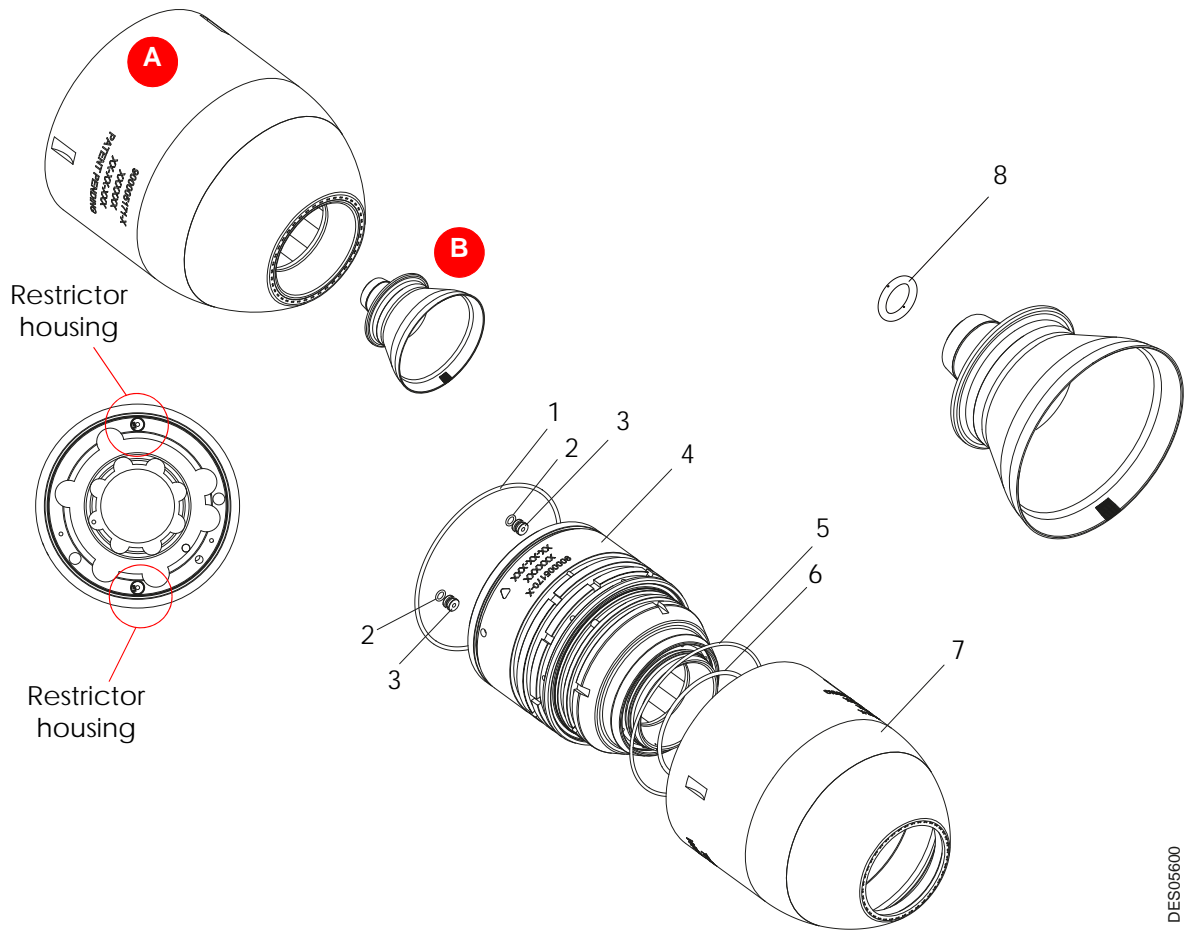
Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.5. EC 50 Hi-TE SW system

8.5.1. EC 50 Hi-TE SW system using with all the atomizers except the Accubell 708 1K

8.5.1.1. EC 50 Hi-TE PSW system



With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015776 | EC 50 Hi-TE PSW system | 1 | 1 | 2 |
| A | 910015761 | EC 50 Hi-TE PSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900009641 | Restrictor D: 2,05 | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015777 | EC 50 Hi-TE PSW system | 1 | 1 | 2 |
| A | 910015761 | EC 50 Hi-TE PSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900009641 | Restrictor D: 2,05 | 2 | 1 | 1 |
| 4 | 900005170 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

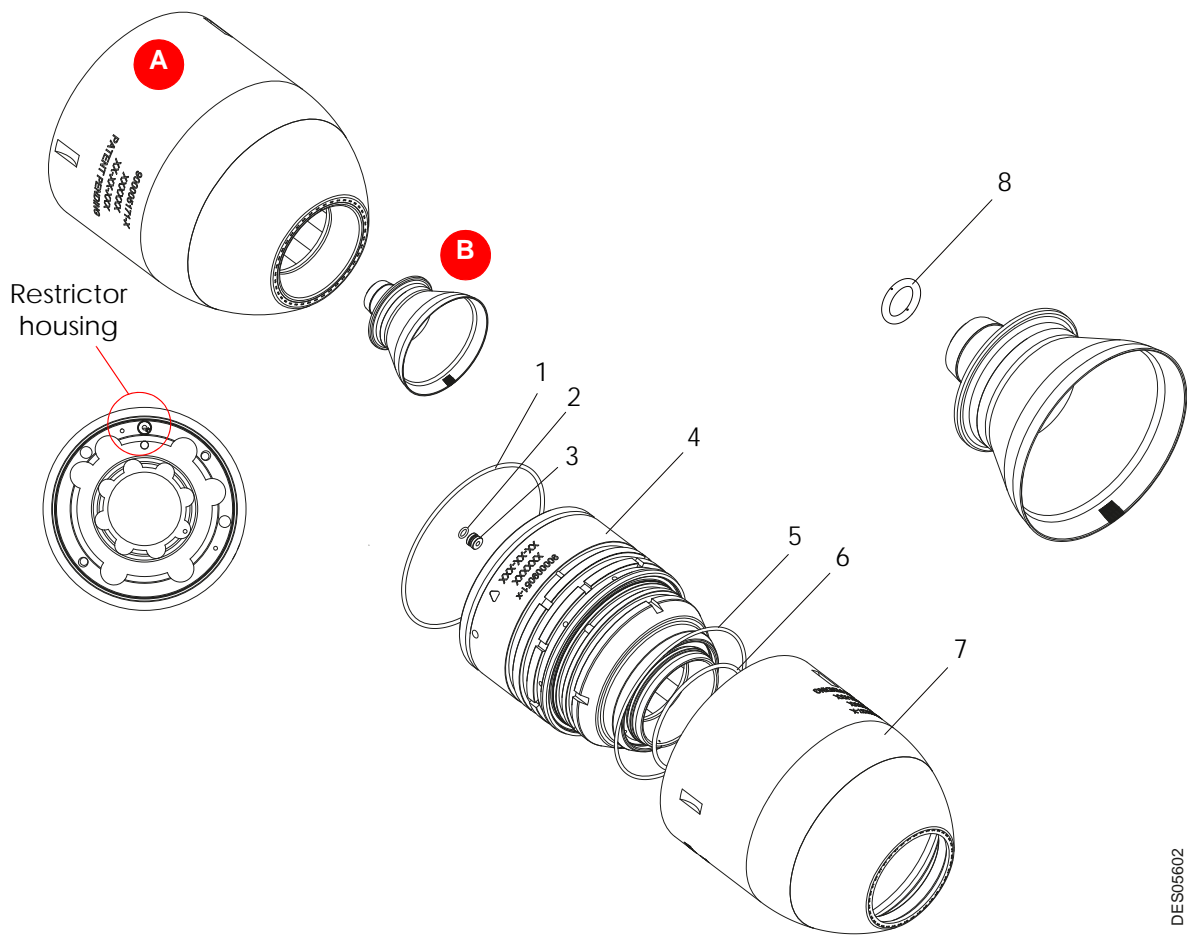
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.5.1.2. EC 50 Hi-TE CSW System



With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015780 | EC 50 Hi-TE CSW System | 1 | 1 | 2 |
| A | 910015763 | EC 50 Hi-TE CSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 1 | 1 | 1 |
| 3 | 900009639 | Restrictor D: 2.4 | 1 | 1 | 1 |
| 4 | 900009051 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015783 | EC 50 Hi-TE CSW System | 1 | 1 | 2 |
| A | 910015763 | EC 50 Hi-TE CSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 1 | 1 | 1 |
| 3 | 900009639 | Restrictor D: D: 2.4 | 1 | 1 | 1 |
| 4 | 900009051 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

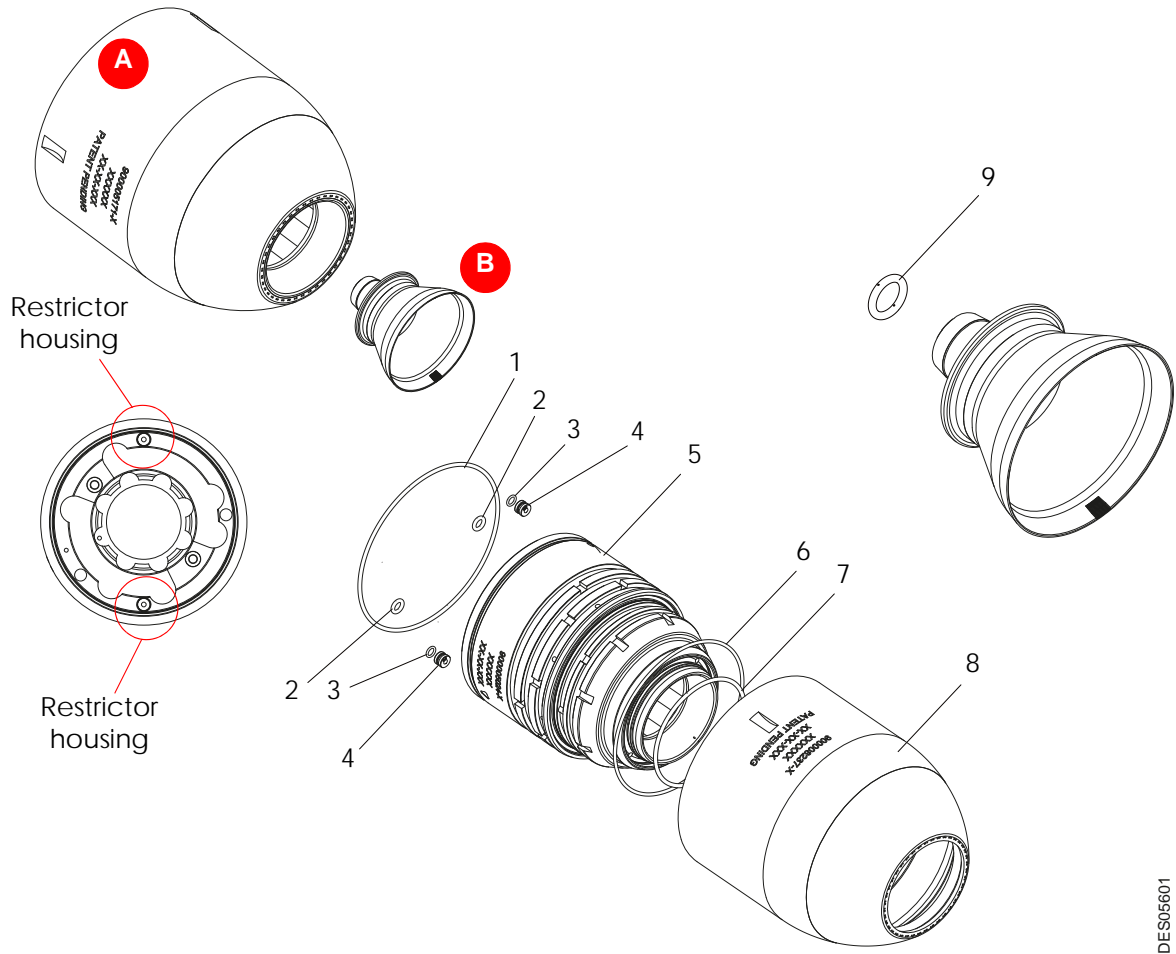
Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.5.2. EC 50 Hi-TE SW system using with Accubell 708 1K only

8.5.2.1. EC 50 Hi-TE PSW system



DES05601

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015778 | EC 50 Hi-TE PSW System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910015762 | EC 50 Hi-TE PSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900009639 | Restrictor D: 2.4 | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015779 | EC 50 Hi-TE PSW System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910015762 | EC 50 Hi-TE PSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900009639 | Restrictor D: 2.4 | 2 | 1 | 1 |
| 5 | 900005024 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

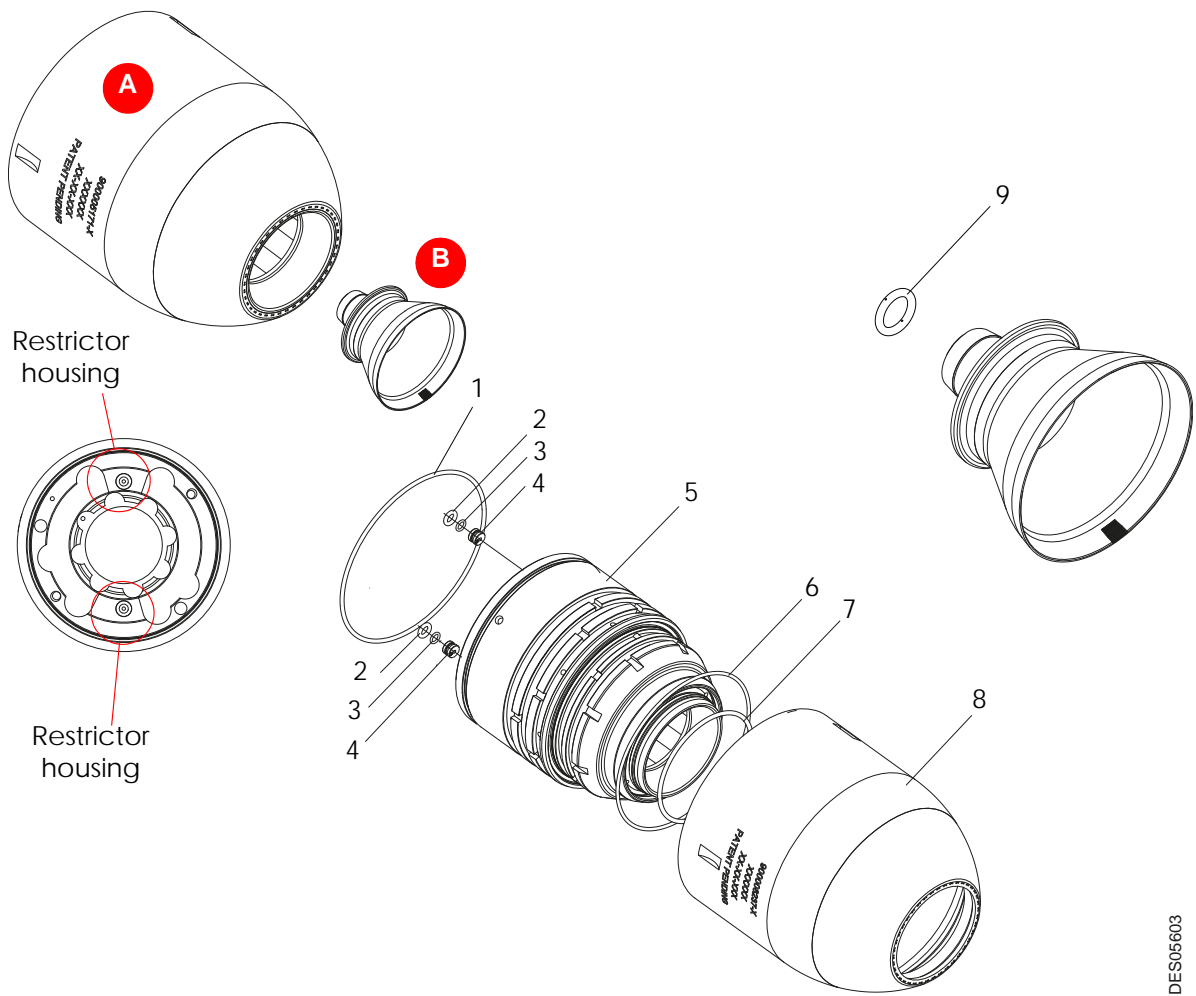
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.5.2.2. EC 50 Hi-TE CSW system



DES05603

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015784 | EC 50 Hi-TE CSW system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910015764 | EC 50 Hi-TE CSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900006376 | Restrictor D: 1.7 | 2 | 1 | 1 |
| 5 | 900009050 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910003159 | Aluminium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910015785 | EC 50 Hi-TE CSW system - Accubell 708 1K | 1 | 1 | 2 |
| A | 910015764 | EC 50 Hi-TE CSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900006376 | Restrictor D: 1.7 | 2 | 1 | 1 |
| 5 | 900009050 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV358 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900008237 | Outer cover | 1 | 1 | 2 |
| B | 910008756 | Titanium EC 50 Hi-TE bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

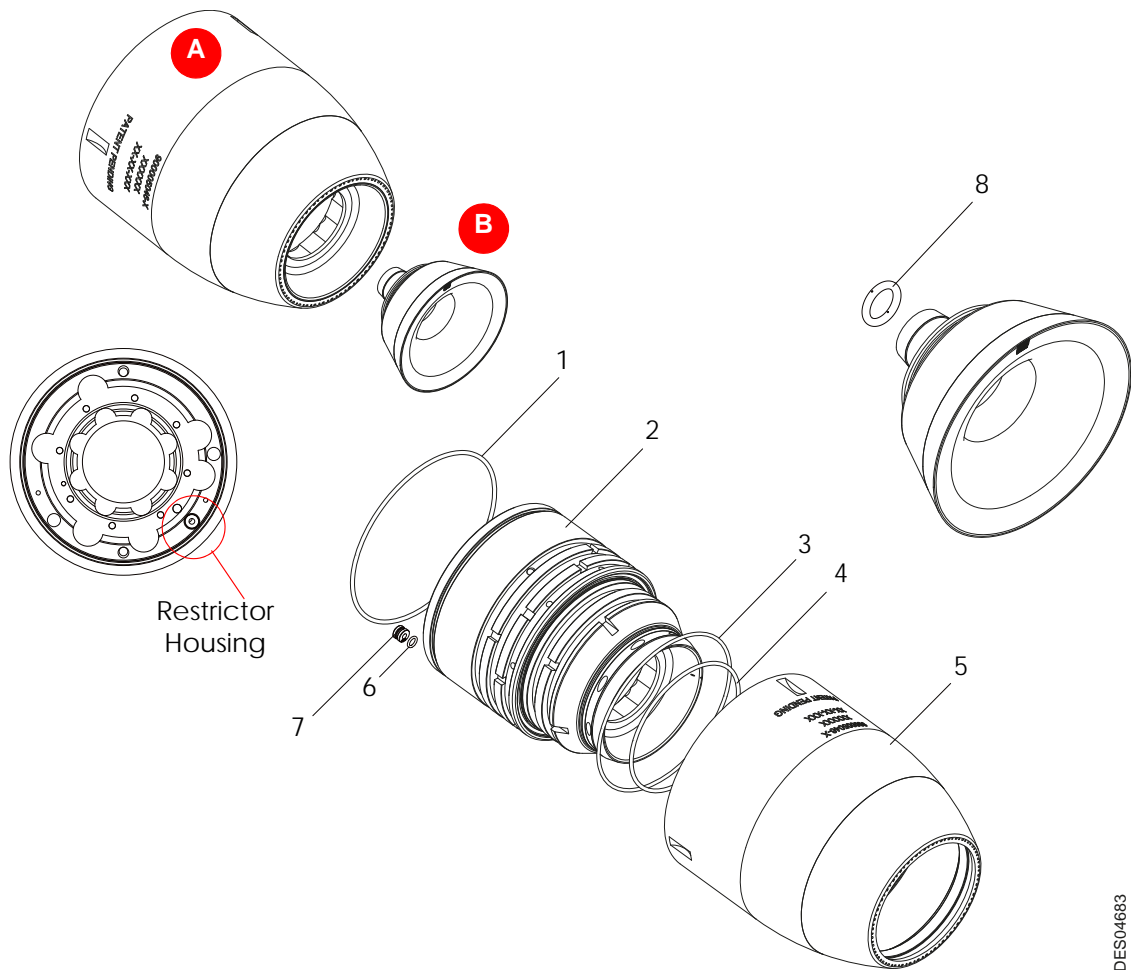
Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.6. EX 65 Hi-TE System

8.6.1. EX 65 Hi-TE System using with all the atomizers except the Accubell 708 1K



DES04683

With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910008511 | EX 65 Hi-TE System | 1 | 1 | 2 |
| A | 910008535 | EX 65 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900005679 | Shaping air shroud | 1 | 1 | 2 |
| 3 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 4 | J2FENV549 | O-ring - FEP viton | 1 | 1 | 1 |
| 5 | 900005046 | Outer cover | 1 | 1 | 2 |
| 6 | J3STKL038 | O-ring - chemically inert | 1 | 1 | 1 |
| 7 | 900006378 | Restrictor D: 2.65 | 1 | 1 | 1 |
| B | 910004615 | Aluminium EX 65 Hi-TE Bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910010196 | EX 65 Hi-TE System | 1 | 1 | 2 |
| A | 910008535 | EX 65 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | 900005679 | Shaping air shroud | 1 | 1 | 2 |
| 3 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 4 | J2FENV549 | O-ring - FEP viton | 1 | 1 | 1 |
| 5 | 900005046 | Outer cover | 1 | 1 | 2 |
| 6 | J3STKL038 | O-ring - chemically inert | 1 | 1 | 1 |
| 7 | 900006378 | Restrictor D: 2.65 | 1 | 1 | 1 |
| B | 910009383 | Aluminium EX 65 Hi-TE Bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

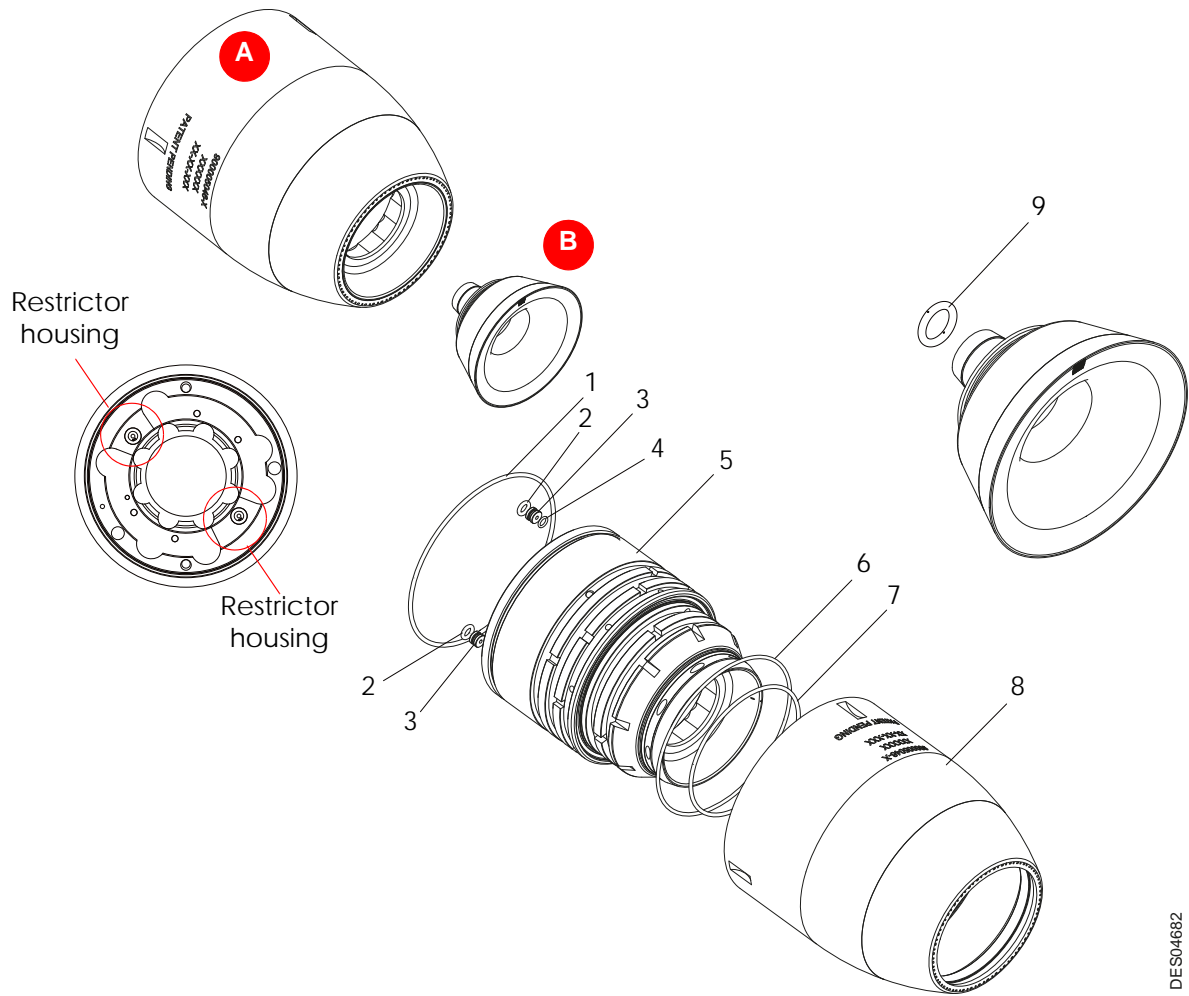
(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.6.2. EX 65 Hi-TE System using with Accubell 708 1K only



With aluminium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|-------------|--------------------------------------|-----|--------------|--------------------------------------|
| | 910008512 | EX 65 Hi-TE System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910008536 | EX 65 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900006377 | Restrictor D: 1.8 | 2 | 1 | 1 |
| 4 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005693 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV549 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005046 | Outer cover | 1 | 1 | 2 |
| B | 910004615 | Aluminium EX 65 Hi-TE Bell cup, | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|-------------|--------------------------------------|-----|--------------|--------------------------------------|
| | 910012561 | EX 65 Hi-TE System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910008536 | EX 65 Hi-TE shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900006377 | Restrictor D: 1.8 | 2 | 1 | 1 |
| 4 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 5 | 900005693 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV549 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005046 | Outer cover | 1 | 1 | 2 |
| B | 910009383 | Titanium EX 65 Hi-TE Bell cup, | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

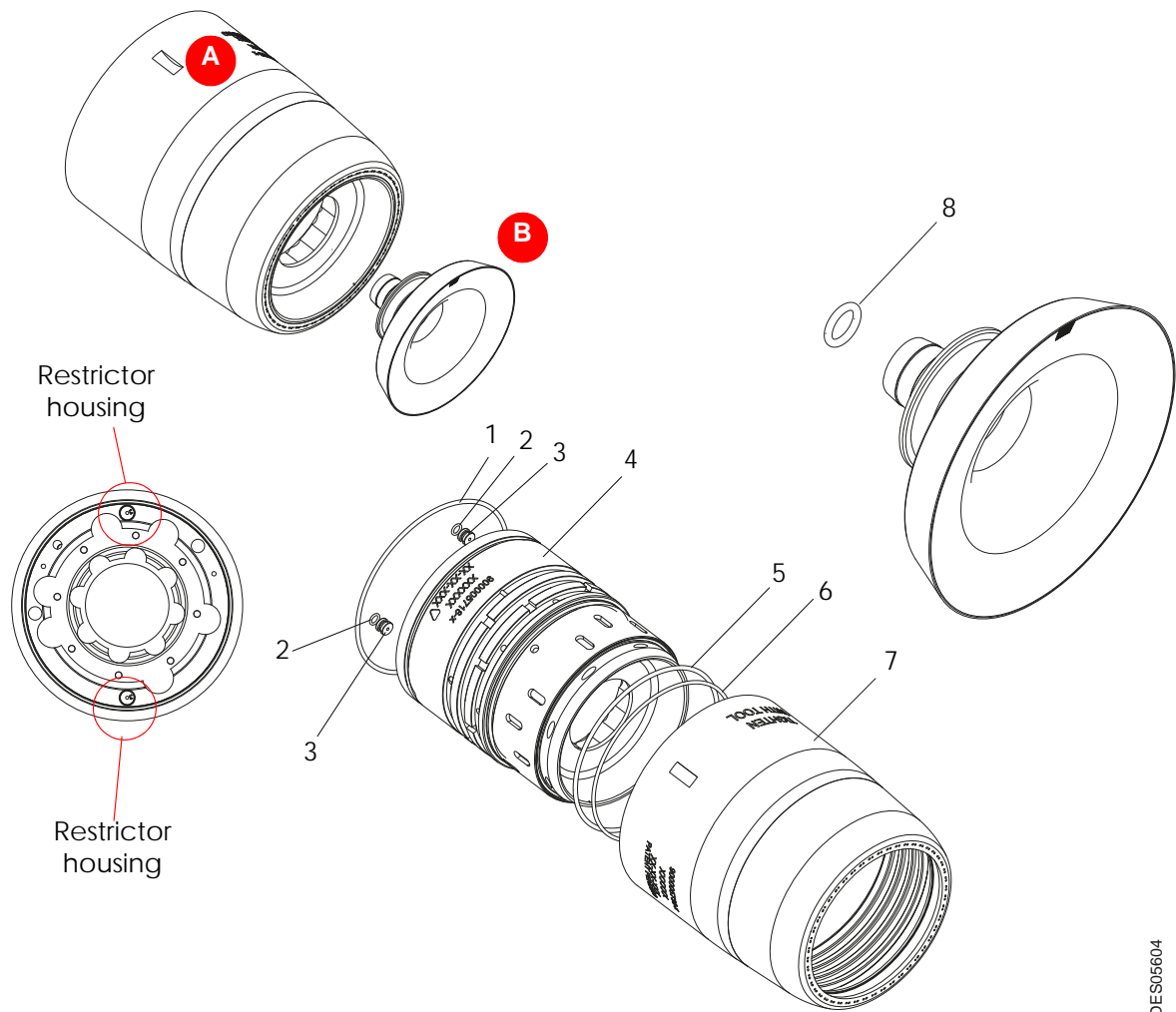
Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.7. EX 80 Hi-TE BSW System

8.7.1. EX 80 Hi-TE BSW System using with all the atomizers except the Accubell 708 1K



With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910014659 | EX 80 Hi-TE BSW System | 1 | 1 | 2 |
| A | 910013214 | EX 80 Hi-TE BSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900006432 | Restrictor D: 1.4 | 2 | 1 | 1 |
| 4 | 900005718 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV386 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005730 | Outer cover | 1 | 1 | 2 |
| B | 910012705 | Titanium EX 80 Hi-TE Bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

Optional version

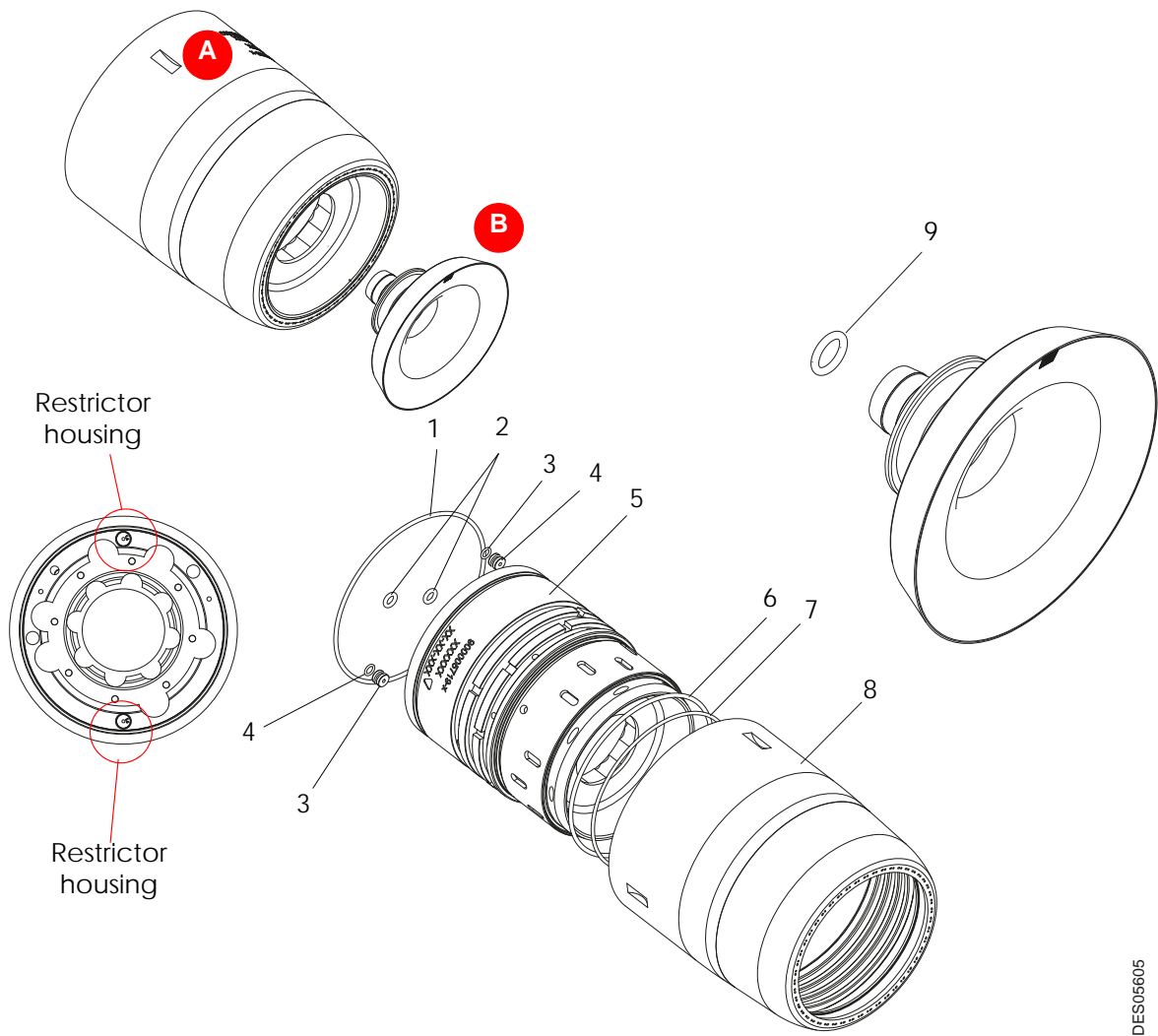
| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | - | EX 80 Hi-TE BSW System | - | - | - |
| A | 910015771 | EX 80 Hi-TE BSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | 900009639 | Restrictor D: 2,4 | 2 | 1 | 1 |
| 4 | 900005718 | Shaping air shroud | 1 | 1 | 2 |
| 5 | J2FENV386 | O-ring - FEP viton | 1 | 1 | 1 |
| 6 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | 900005730 | Outer cover | 1 | 1 | 2 |
| B | 910012705 | Titanium EX 80 Hi-TE Bell cup | 1 | 1 | 2 |
| 8 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance

8.7.2. EX 80 Hi-TE BSW System using with Accubell 708 1K only



With titanium bell cup

| Item | Part Number | Description | Qty | Unit of sale | Maintenance level for spare part (*) |
|----------|------------------|---|----------|--------------|--------------------------------------|
| | 910014661 | EX 80 Hi-TE BSW System - Accubell 708 1K | 1 | 1 | 2 |
| A | 910013213 | EX 80 Hi-TE BSW shaping air assembly | 1 | 1 | 2 |
| 1 | J2FENV622 | O-ring - FEP viton | 1 | 1 | 1 |
| 2 | J3STKL046 | O-ring - chemically inert | 2 | 1 | 1 |
| 3 | J3STKL038 | O-ring - chemically inert | 2 | 1 | 1 |
| 4 | 900006376 | Restrictor D: 1.7 | 2 | 1 | 1 |
| 5 | 900005719 | Shaping air shroud | 1 | 1 | 2 |
| 6 | J2FENV386 | O-ring - FEP viton | 1 | 1 | 1 |
| 7 | J2FENV385 | O-ring - FEP viton | 1 | 1 | 1 |
| 8 | 900005730 | Outer cover | 1 | 1 | 2 |
| B | 910012705 | Titanium EX 80 Hi-TE Bell cup | 1 | 1 | 2 |
| 9 | J3STKL094 | O-ring - chemically inert | 1 | 1 | 1 |

(*)

Level 1: Standard preventive maintenance

Level 2: Corrective maintenance

Level 3: Exceptional maintenance