

May 2020

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NEW Thoracic drainage protection filter

fight-back the contagion

No problems, only solutions!

The SARS-CoV-2 virus, which leads to COVID-19, has been demonstrated to remain viable in aerosol form and is transmitted by droplets. When air leaks into a chest drain bottle, it causes the fluid inside to bubble. Given the aerosolization that is likely to occur inside the drain bottle, which then escapes through the suction port or safety valve, this may be a potentially important mode of viral transmission.

In order to avoid this event, we have designed the new **Thoracic drainage protection filter** (cod. 10557 / 10558) fully compatible with Redax's systems.

10557 Anti-bacterial filter w\third-part connector



10558 Anti-viral and bacterial high efficiency filter



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10558 Anti-viral and bacterial high efficiency filter

Complete Kit composed by:

- Anti-bacterial filter with security valve
- Respiratory filter "Hydro-Guard Mini with Luer lock" by Intersurgical

Once connected these two components in cascade, the system allows a high viral charge drop.

The respiratory filter has been tested with several types of viruses and bacterias. It is guaranteed with a high viral filtration efficiency > 99,999%.



10557 Anti-bacterial filter w\third-part connector

Ref. 10557 is composed by an Anti-bacterial filter with security valve and respiratory filter connectors. With this solution is possible to connect in cascade a third-part filter.

See the side table with a list of compatible respiratory filters (based on manufacturer's declarations).



| Airborne Bacterial/Viral Removal Efficiency: >99,999% | | |
|-------------------------------------------------------------------------------------|----------------------|----------|
| BRAND | Model | Art. |
|  | Air-Guard™ Clear | 1790030 |
| | Air-Guard™ Filter | 1290000 |
| | Hydro-Guard™ Mini | 1745000 |
|  | DAR™ Filters Small | 351U5979 |
| | DAR™ Filters Compact | 351U5878 |
|  | Filter SafeStar® 80 | MP01785 |
| | Filter SafeStar® 55 | MP01790 |
|  | Ultipor® 25 Filter | BB25 |
| | Ultipor® 100 Filter | BB100 |
|  | ISO-Gard® HEPA Light | 28002 |
| | ISO-Gard® HEPA Small | 28062 |

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Does the filter guarantee environment and Staff protection during gravity drainage?

- **Anti-viral and bacterial filter with high filtration efficiency (>99.999%) guarantees environment and Staff protection.**
- **Compatible with all Redax's two chambers systems (**Drentech™ Simple 3 EVO**, **Simple 3**, **Drentech™ Simply** and **Simply Mini**) during the gravity drainage.**



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How is it possible to protect the hospital central vacuum unit from COVID-19 spreading?

- Works with **Redline** and **PalmEVO** digital vacuum units (protecting also the internal components) and avoids any cross-contamination among different Patients.
- Makes the system totally independent from hospital central vacuum unit.



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**I never used any Anti-viral filter until now.
How can I sanitise the DVU?**

- Extra-ordinary procedure to sanitise internal components of a Digital Vacuum Unit through white alcohol (*in order to avoid any damage, please refer to the IFU of the Product*).



1) Syringe with 30 ml of white alcohol

2) Pump set-up (-20 cmH2O) and alcohol aspiration



3) Alcohol discharge from the exhaust pipe on the bottom



4) Final pump drying



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What about pleural catheters? How can I use these Products in a safe environment?

- Fully compatible with the drainage bag (code 12019) provided in each **UNICO kit** and 10531 **Heimlich Valve** equipped with bag.
- Create a safe closed system, combining the UNICO catheter with the drainage bag and the new thoracic protection filter.

