



Bioquell Hydrogen Peroxide Vapor Technology

for the Decontamination of N95 Respirators

Health Canada has issued an authorization under the Interim Order Respecting the Importation and Sale of Medical Devices for Use in Relation to COVID-19 for the emergency use of Ecolab's Bioquell Technology (hereafter referred to as the 'Bioquell System') for use in decontaminating compatible N95 or N95-equivalent Respirators ('compatible N95 respirators'), for reuse by healthcare personnel.

Existing customers can apply their current Bioquell system(s) to perform this task, and new clients can be quickly trained to operate Bioquell equipment safely and efficiently.

The following Bioquell systems are approved for this application during the length of the granted Interim Order: Bioquell BQ-50, Bioquell L-4, Bioquell ProteQ and Bioquell Q-10.

Key Facts:

- ▲ Each respirator can be decontaminated up to 20 times
- ▲ Cellulose-based materials should be considered incompatible with the Bioquell decontamination process
- ▲ Respirators with visible soiling (e.g., blood) or damage must be discarded
- ▲ While Bioquell will offer insights, healthcare facilities are responsible for the coordination, tracking, reporting and safety of all respirators
- ▲ Recent studies from [Duke Health](#) and [Yale University](#) utilized Bioquell systems to effectively reprocess N95 respirators while ensuring the integrity of the mask was retained
- ▲ Bioquell hydrogen peroxide vapor produces a 6 log₁₀ sporicidal kill on all exposed surfaces
- ▲ The Bioquell Technology System is authorized only for the duration of the COVID-19 pandemic declaration, unless the Interim Order is terminated or revoked sooner



The Bioquell Technology System has neither been cleared nor approved for the indication to treat patients with COVID-19 infection

For more information, visit bioquell.com/N95