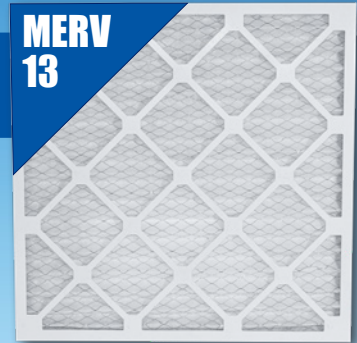




Nu-Calgon iWave to the rescue!

THE PROBLEM WITH MERV 13 Added pressure drop, costly, out of stock

ASHRAE has recently released recommendations for the use of MERV 13 filters in systems to combat Covid-19. These MERV 13 filters cause added pressure drop, they force your system to work harder to produce the same airflow, and they are very costly. MERV 13 filters are also in very limited supply right now, and many companies are out of stock for months!



THE SOLUTION – iWAVE

Nu-Calgon has released third party test data completed by Blue Heaven Technologies to show that you can obtain similar results as a MERV 13 filter by using the iWave and a MERV 8 filter! Check out the MERV test results below!



The NuCalgon iWave-R was tested in the clean room HVAC loop by placing it in the duct with a MERV 8 filter and challenged with cigarette smoke every hour for the first 8 hours of the 24 hour test. This data is compared with the same conditions but with only a MERV 13 filter in the loop. Particle counts were monitored in two size ranges. Particles 0.05 μm in size and a range of particles 0.3 - 10 μm in size. These particle counts were measured using TSI particle counters and sizers.

| Test Condition | Test Device Obtained By |
|---|-------------------------|
| Test 1 NuCalgon iWave-R + MERV 8 Filter | Open Market |
| Test 2 MERV 13 Filter Alone | Open Market |

