



Re: 3/30/20 – The Filter Shop update on the coronavirus

We are providing some follow up information as it pertains to the coronavirus (COVID-19) and its relationship to filtration. We believe our customer base can make informed decisions with what trends we are seeing.

GENERAL:

- Viruses are small (~.1-.2 um), but generally transmit in the air on particles between .3 – 1.0 um in size.

Rating	Particle Removal in Microns		
	0.3 – 1.0	1.0 – 3.0	3.0 – 10.0
MERV 8	N/A	N/A	70%
MERV 13	<75%	90%	90%
MERV 14	75% - 85%	90%	90%
MERV 16	95%	95%	95%
HEPA	99.97% @ 0.3um		

Size	Typical Initial Resistance ("wg) @ 500FPM				
	MERV 8	MERV 13	MERV 14	MERV 16	HEPA
24x24x2 HC Pleat	0.3	0.4	x	x	x
24x24x2 MiniPleat	0.25	0.4	0.4	0.9	x
24x24x4 MiniPleat	0.25	0.35	0.35	0.75	x
24x24x12	x	0.3	0.35	0.60	x
HEPA	x	x	x	x	0.8 – 1.5

HEALTHCARE

- Healthcare customers are using MERV 14-16 and HEPA filtration
- The Filter Shop recommends HEPA filtration in all return air applications in areas where coronavirus is potentially present or high-risk individuals are present.
- We have ramped up our HEPA filtration and MERV 14 filtration inventory to try and meet current demands. Lead-times have been extended and We are doing our best to stay in front of demands.
- UV-C (Ultraviolet) is also being considered by many customers. (Call for update)

COMMERCIAL / INDUSTRIAL / SCHOOLS / EDUCATION / PUBLIC

- Where Single Stage Filtration options exist, customers are moving to MERV 13 pleated filters and MERV 14 MiniPleats. We are ramping up inventory in these areas.
- UV-C (Ultraviolet) is also being considered by many customers. (Call for update)
- We are making all custom size filters in house and can deliver quickly (1", 2", 4" MERV 8 - 13 pleated filters)
- Where 2-Stage Filtration exists, customers are using MERV 14-16.

DELIVERY and WILL-CALL

- We are performing daily deliveries to all our customers. Demand is up significantly. To date, we are maintaining a 99% 24-hour delivery goal.
- Will-call is open. Please call in all orders and proceed to our overhead door for pick up.
- We are temporarily suspending any returns of product.