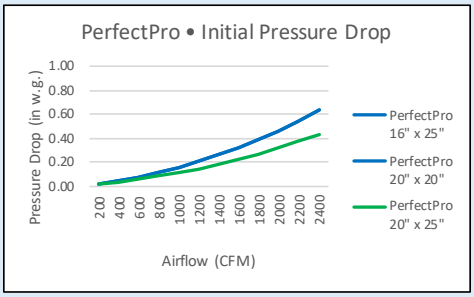
Technical Specifications Sheet

V20220304

Article Numbers

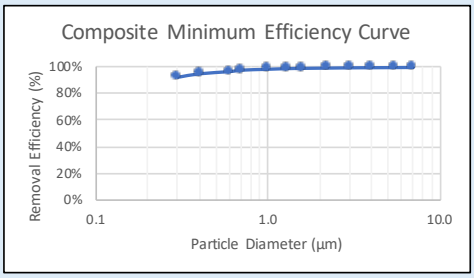
	16" x 25"	20" x 20"	20" x 25"
Device			
PerfectPro	207.80.00.01	207.80.00.02	207.80.00.03
Replacement Filters			
Particle Filter	202.12.30.01	202.12.30.02	202.12.30.03

Initial Pressure Drop (in W.G.)



Airflow (cfm)	PerfectPro		
	16" x 25"	20" x 20"	20" x 25"
200	0.02	0.02	0.02
400	0.05	0.05	0.03
600	0.08	0.08	0.06
800	0.11	0.11	0.08
1000	0.16	0.16	0.11
1200	0.20	0.20	0.15
1400	**0.26**	**0.26**	0.18
1600	0.32	0.32	0.23
1800	0.39	0.39	0.27
2000	0.46	0.46	**0.32**
2200	0.54	0.54	0.37
2400	0.63	0.63	0.43

Particle Filter Initial Performance*



Minimum Efficiency Reporting Value (MERV)

MERV 16

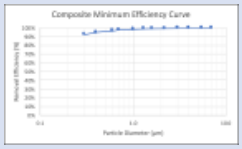
Composite Minimum Efficiency

Range	Size Range (µm)	Minimum Efficiency (%)
E_1	0.3 - 1.0	96%
E_2	1.0 - 3.0	99%
E_3	3.0 - 10.0	100%

**ASHRAE 52.2-2017 testing at 492 fpm face velocity*

Specifications subject to change without notice

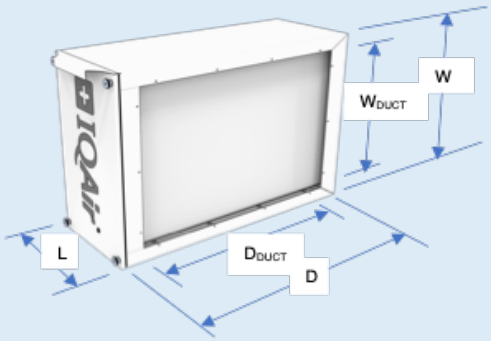
Performance

Particle Filter Initial Performance*			
Minimum Efficiency Reporting Value (MERV)	MERV 16		
Composite Minimum Efficiency 	Range	Size Range (μm)	Minimum Efficiency (%)
	E_1	0.3 - 1.0	96%
	E_2	1.0 - 3.0	99%
	E_3	3.0 - 10.0	100%

**ASHRAE 52.2-2017 testing at 492 fpm face velocity*

Extra Features			
Insulated Housing	Yes	Yes	Yes
Sealing against bypass	Yes	Yes	Yes
Electronic Air Cleaner	No	No	No
Gas & Odor Filtration	Optional	Optional	Optional

Dimensions & Weights



Dimensions & Weights	16" x 25"	20" x 20"	20" x 25"
Cabinet Dimensions			
Cabinet (W x D x L)	**17.4" x 24.8" x 9.6"**	**21.4" x 21.2" x 9.6"**	**21.4" x 24.8" x 9.6"**
	441 x 630 x 244 mm	543 x 538 x 244 mm	543 x 630 x 244 mm
Duct Opening (W_{DUCT} x D_{DUCT})	**14.6" x 21.0"**	**18.6" x 17.4"**	**18.6" x 21.0"**
	371 x 534 mm	473 x 443 mm	473 x 534 mm
Door (W_{DOOR} x D_{DOOR} x L_{DOOR})	**17.4" x 9.6" x 0.4"** (17.4" x 9.6" x 1.6" incl. handle)	**17.4" x 9.6" x 0.4"** (17.4" x 9.6" x 1.6" incl. handle)	**17.4" x 9.6" x 0.4"** (17.4" x 9.6" x 1.6" incl. handle)
	441 x 244 x 10 mm (441 x 244 x 40 mm incl. handle)	543 x 244 x 10 mm (543 x 244 x 40 mm incl. handle)	543 x 244 x 10 mm (543 x 244 x 40 mm incl. handle)
Weights			
Cabinet	**19.0 lbs**	**19.2 lbs**	**21.4 lbs**
	8.6 kg	8.7 kg	9.7 kg
Cabinet + Filters (PerfectPro)	**22.3 lbs**	**22.7 lbs**	**25.4 lbs**
	10.1 kg	10.3 kg	11.5 kg
Particle Filter			
Particle Filter Dimensions			
Nominal Size (inches)	**16" x 25" x 6"**	**20" x 20" x 6"**	**20" x 25" x 6"**
Media Area (ft^2)	76 ft^2	82 ft^2	96 ft^2

Specifications subject to change without notice