Opti-Pac Durable

1. General
	1. Air filters shall be medium or high efficiency ASHRAE box style filters consisting of dual layered synthetic media, thermoplastic resin separators, and a double walled extruded polystyrene enclosing frame
	2. Sizes shall be noted on drawings or other supporting materials
2. Construction
	1. Filter media shall be of one continuous sheet of synthetic mat filter media formed into uniformly spaced pleats and formed into a mini-pleat pack configuration
	2. Thermoplastic pleat separators shall provide uniform media separation to promote uniform airflow throughout the media.
	3. The enclosing frame shall be of plastic construction and bonded to the entire periphery of the media pack to prevent air bypass
	4. Filter frame shall be double walled design for increased filter strength
3. Performance
	1. The filter shall have a Minimum Efficiency Reporting Value of MERV (11, 13, 15) when evaluated under ASHRAE Standard 52.2.
	2. Initial resistance to airflow shall be 0.37”, 0.46”, 0.50”w.g for a 4” deep model at an airflow of 500 fpm, and 0.46”, 0.50”, 0.60” for the 2” deep model.
	3. The filter shall be listed by Underwriters Laboratories as UL Class 900
	4. The filters shall be capable of withstanding 10.0”w.g. without failure of the media pack.
	5. Recommended filter change out resistance is 1.5” w.g. for the 4” depth, and 1.0”w.g. for the 2” depth.
	6. Manufacturer shall provide evidence of facility certification to ISO 9001:2015.