Job Name/Location: **Tag #:**

Date:

PO No.:

For: ☐ File ☐ Resubmit ☐ Approval ☐ Other _____

Architect: GC:

Engr: Mech:

Rep:

(Company) (Project Manager)

Exclusively distributed by:

ZFLT1301A

Dynamic V8® Replacement Media (4-Pack)

Air Cleaner Media/Filters:

Media Quantity	4 count (field installed)
Nominal Dimensions (ea)	44" x 20-3/4" x 1"
Free Area Dimensions (ea)	41-1/4" x 17-3/4"
Area (sq ft)	20.34
Material	Multi layer polyolefin
Operating Temperature (°F)	-30 - 172
Media Life Expectancy[1]	4 years
US and Foreign Patents	See note 10

Performance (Particulate Contaminant Removal)[2]:

Date	May 13, 2009	May 13, 2009
Test Number[3]	09-836	09-838
Loading Dust Type	ASHRAE	ASHRAE/No Carbon[4]
Media Polarized?	No	Yes
Media Loading	Face	3 dimensional[5]
MERV[6] rating (at 1968 CFM)	MERV 13	MERV 15[7]
Dust Holding Capacity (grams)	643	2,777
Average Arrestance (%)	96.8	99.9
Filter Area (sq ft)	4.0	4.0
Airflow Rate (CFM)	1968	1968
Nominal Face Velocity	492	492
Initial Resistance (in wg)	0.31	0.32
Final resistance (in wg)	1.40	1.40
E1 (%) Composite Minimum Avg Eff 0.30-1.0 µm	66	94
E2 (%) Composite Minimum Avg Eff 1.0 – 3.0 µm	95	99
E3 (%) Composite Minimum Avg Eff 3.0 – 10.0 µm	100	100

Performance (Gas Phase Contaminant Removal)[8]:

The Dynamic V8® air cleaning media has a track record of removing gas-phase contaminants from the breathing zone. Contaminants include cigarette smoke, acetone, ammonia, benzene, carbon monoxide, formaldehyde, nicotine, hydrogen sulfide, methyl alcohol, phenol and volatile organic chemicals. For specific gas-phase removal performance, request a complimentary Dynamic Air Quality Solutions Air-Q® Report for your building. The Air Q report performs an outside air resolution analysis based on requirements set forth in ASHRAE standard 62.1-2010, using the Indoor Air Quality (IAQ) procedure. Contact your local LG Applied Products Representative for additional information.

Notes:

1.Four year life expectancy based on performance data gathered from the ASHRAE Headquarters Building in Atlanta, Georgia. Media tested is used in a recirculation application serving an office environment. Actual results may vary significantly depending on the concentration level of local pollutants.
2.ASHRAE Standard 52.2-2007 test data. Test performed by Blue Haven Technologies, Louisville, KY.
3.ASHRAE loading dust contains 72% SAE Standard J726 test dust (fine), 23% carbon dust and 5% milled cotton liners. The carbon dust is very conductive and was removed from the blend while testing with the media polarized.
4.Does not face load when media is polarized.
5.MERV – Minimum Efficiency Reporting Value
6.ASHRAE 52.2-2007 test protocol using ASHRAE Loading Dust less the carbon dust element.
7.Efficiency ~ 27-90% per air exchange. Actual results are dependent upon actual jobsite environmental conditions.
8.ASHRAE is a registered trade mark of the American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
9.Dynamic V8 and Air-Q are registered trademark of Environmental Dynamics Group dba Dynamic Air Quality Solutions.
10.US Foreign Patents – 7,686,869; 8,070,861; 7,708,813; 7,691,186 and others allowed and pending.

Job Name/Location:

ZFLT1301A

Dynamic V8® Replacement Media (4-Pack)

Polarized Media

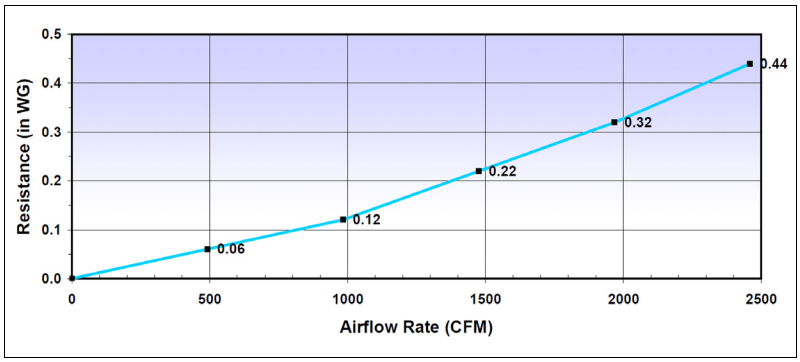
Tag #:

Date:

PO No.:

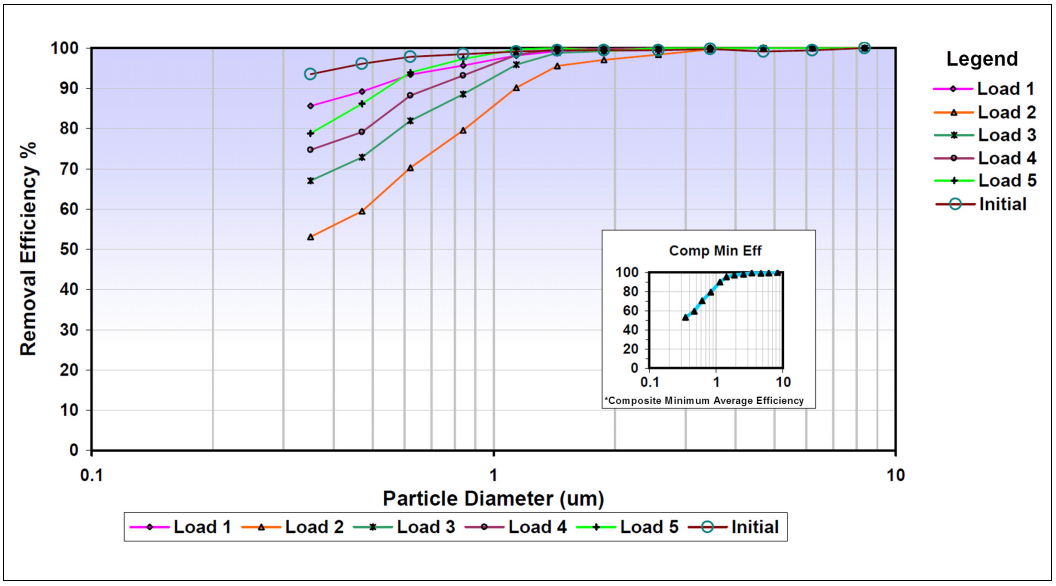
Airflow Resistance:

Clean Media



Media Efficiency by Particle Size (µm):

Unpolarized (Power Off)



Polarized (Power On)