

## PRODUCT BULLETIN

# PURAGRID FILTER

### Product Overview:

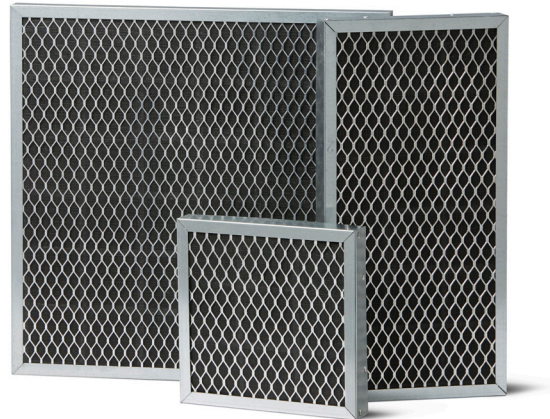
- Revolutionary filter designed to supply a large amount of molecular filtration with minimal pressure drop
- Composed of GridBLOKs, extruded absorbant blocks with parallel cells or channels
- Pressure drops across the GridBLOK is extremely low
- Self supporting design, that eliminates bypass
- Full utilization of the media- entire honeycomb is made of adsorptive media
- Drop-in filters which can be used in existing systems
- Recycled frame with 75% recycled post-consumer content
- Great for recycled air applications

### Ideal for use in:

- Commercial buildings, hospitals, data centers, break rooms, and laboratories
- Corrosion control in refineries, petrochemical plants, power generation, and paper mills
- Semiconductor AMC filtration.

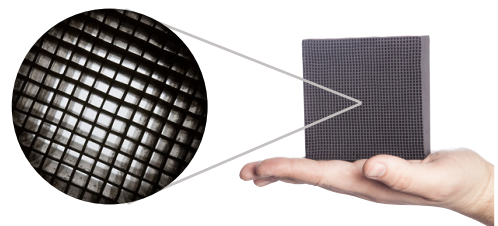
### Why PuraGRID?

- This delivery system offers increased performance in a wide range of applications
- Effective against a number of gaseous contaminants
- GridBLOK's monolithic structure-based system performance is comparable to traditional packed-bed media systems



### PuraGrid Customizable Options

- **IAQ:** Common indoor pollutants like ozone, hydrogen sulfide, and general odors.
- **PURAKOL®:** Used to ensure broad spectrum removal of pollutants.
- **PURACARB®:** Corrosive environments and removal of acid gases, including hydrogen sulfide and sulfur dioxide
- **PURACARB® AM:** Used specifically for the control of ammonia and amines.
- **CHLOROSORB®:** Enhanced capacity for removal of chlorine.



Magnified view of  
the GridBLOK

Carbon GridBLOK

PRODUCT BULLETIN

# PURAGRID WITH THE GRIDBLOK TECHNOLOGY

**PURAGRID®FILTERS (IP UNITS)**

Filter Type	Filter Size, in.			Exact Size, in.			GridBlok Density lb/ft <sup>3</sup>	Media Amount per Filter		Frame Material	Airflow		Pressure Drop i.w.g.
	w	h	d	w	h	d		in <sup>3</sup>	lb		fpm	cfm	
PuraGrid 2"	24	24	2	23.38	23.38	1.75	27.54	533	8.5	Galvanized	500	2000	0.29
PuraGrid 2"	20	25	2	19½	24½	1.75	27.54	444	7.1	Galvanized	500	1736	0.29
PuraGrid 2"	20	20	2	19½	19½	1.75	27.54	370	5.9	Galvanized	500	1389	0.29
PuraGrid 2"	16	20	2	15½	19½	1.75	27.54	296	4.7	Galvanized	500	1111	0.29
PuraGrid 2"	12	24	2	11.38	23.38	1.75	27.54	266	4.2	Galvanized	500	1000	0.29
PuraGrid 4"	24	24	4	23.38	23.38	3.75	27.54	1353	21.6	Galvanized	500	2000	0.58
PuraGrid 4"	20	25	4	19½	24½	3.75	27.54	1127	18.0	Galvanized	500	1736	0.58
PuraGrid 4"	20	20	4	19½	19½	3.75	27.54	940	15.0	Galvanized	500	1389	0.58
PuraGrid 4"	16	20	4	15½	19½	3.75	27.54	752	12.0	Galvanized	500	1111	0.58
PuraGrid 4"	12	24	4	11.38	23.38	3.75	27.54	676	10.8	Galvanized	500	1000	0.58
PuraGrid 6"	14	14	6	14.2	14.2	6	27.54	1050	16	Galvanized	500	681	0.97

**PURAGRID®FILTERS (METRIC UNITS)**

Filter Type	Filter Size, mm			Exact Size, mm			GridBlok Density g/cc	Media Amount per Filter		Frame Material	Airflow		Pressure Drop Pa
	w	h	d	w	h	d		cm <sup>3</sup>	kg		m/s	m <sup>3</sup> /h	
PuraGrid 2"	610	610	51	594	594	41	0.4411	8730	3.9	Galvanized	2.5	3398	73
PuraGrid 2"	508	635	51	495	622	41	0.4411	7275	3.2	Galvanized	2.5	2950	73
PuraGrid 2"	508	508	51	495	495	41	0.4411	6063	2.7	Galvanized	2.5	2360	73
PuraGrid 2"	406	508	51	394	495	41	0.4411	4850	2.1	Galvanized	2.5	1888	73
PuraGrid 2"	305	610	51	289	594	41	0.4411	4365	1.9	Galvanized	2.5	1699	73
PuraGrid 4"	610	610	102	594	594	90	0.4411	22170	9.8	Galvanized	2.5	3398	146
PuraGrid 4"	508	635	102	495	622	90	0.4411	18475	8.2	Galvanized	2.5	2950	146
PuraGrid 4"	508	508	102	495	495	90	0.4411	15396	6.8	Galvanized	2.5	2360	146
PuraGrid 4"	406	508	102	394	495	90	0.4411	12317	5.4	Galvanized	2.5	1888	146
PuraGrid 4"	305	610	102	289	594	90	0.4411	11085	4.9	Galvanized	2.5	1699	146
PuraGrid 6"	356	356	153	361	361	153	0.4411	17207	7.26	Galvanized	2.5	1157	242