

Activated
carbon
pellet

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AP4-60

AP4-60 is a 4 mm pelletized activated carbon designed for air and gas purification applications. It is manufactured by high temperature steam activation of bituminous coal. This produces a porous material with a high surface area allowing it to adsorb a wide range of organic compounds.

The design of an activated carbon adsorption system is dependent on the adsorbate type, influent concentration, temperature, flow rate, performance objective, relative humidity and other factors.



Technical specifications

Carbon Tetrachloride, wt%	60 (min)
Moisture (As packaged), wt%	5 (max)
Hardness number	90 (min)
Ash, wt%	14 (max)
< 6 US Mesh [3.35mm] (pellet), wt%	5 (max)

Benefits

- Cylindrical pellet
- High hardness provides excellent resistance to mechanical and thermal stress, low fines generation, and less dust
- Provides a lower pressure drop which reduces fan energy consumption as compared to granular activated carbons

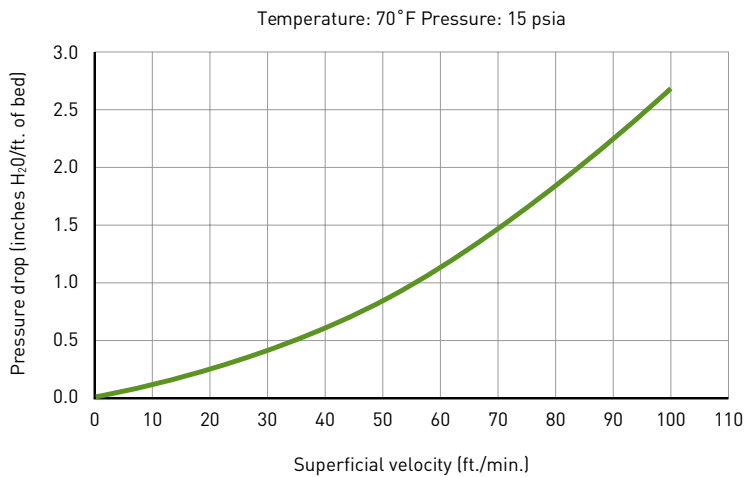


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Activated carbon pellet

Typical pressure drop (4 mm pellet)



Applications

- Gas processing
- Catalyst support
- Landfill leachate
- VOC remediation/ VOC industrial
- Odor control

AP4-60 is suited for either regenerable or one-time use systems:

- Ventilation and air conditioning systems
- Paint spray booths
- Industrial odor removal
- Solvent recovery
- Volatile Organic Compound (VOC) abatement



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