Filter Media Backwash Rates

at Backwash Water Temperature of 20 °C (68 °F)

Backwash Rates (m/hr) vs. 60% Weight Particle Size (mm)

- Garnet (s.g. = 4)
- Sand (s.g. = 2.64)
- Manganese Greensand (s.g. = 2.40)
- Filter Coal (s.g. = 1.65)

Conversion: m/hr to USgpm/ft² multiply by 0.409

AWI Appropriate Backwash Rates
Document # 300-30-0004cc, initial release 09/18/03, dh
Backwash Water Temperature Correction Factor

Conversion: °F = 1.8 x (°C + 17.8)