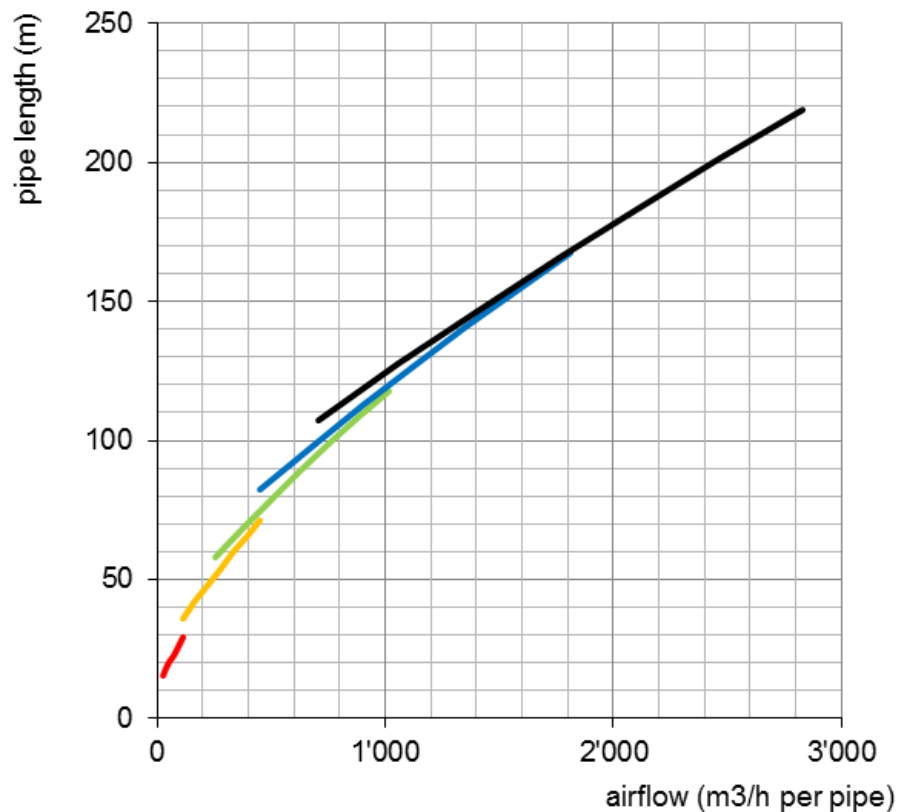


EAT design dry soil (1.1 W/K.m, 1.6 MJ/K.m³)
Daily amplitude ~15%

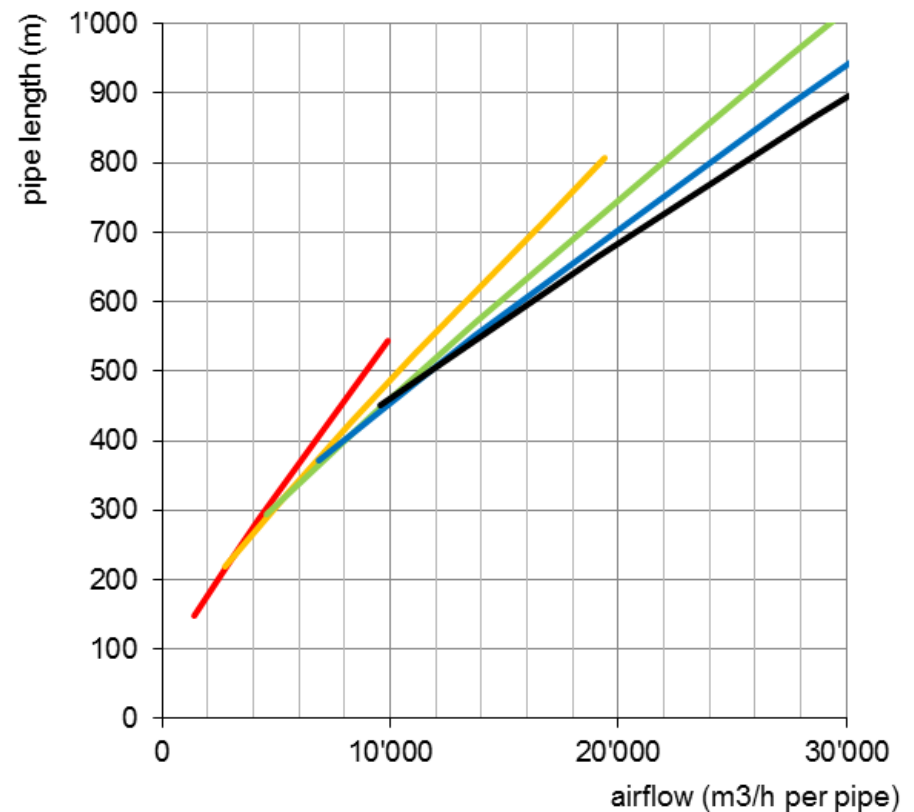
soil around pipe: ~20 cm

diameter (m) — 0.10 — 0.20 — 0.30 — 0.40 — 0.50



soil around pipe: ~20 cm

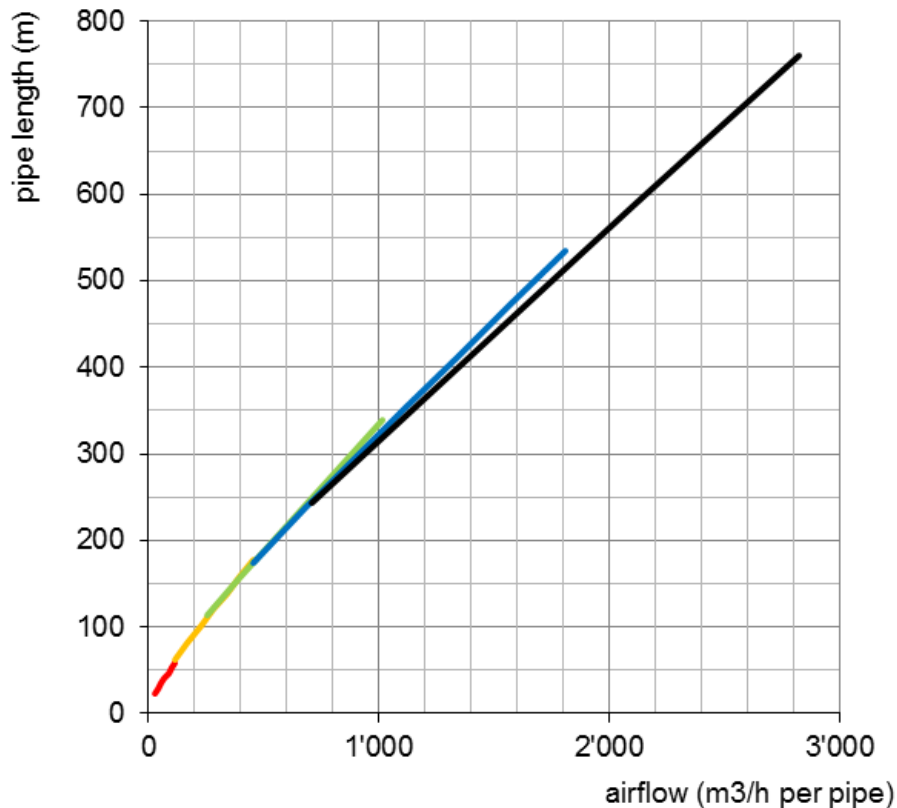
diameter (m) — 0.40 — 0.60 — 0.80 — 1.00 — 1.20



EAT design dry soil (1.1 W/K.m, 1.6 MJ/K.m³)
Annual amplitude ~15%

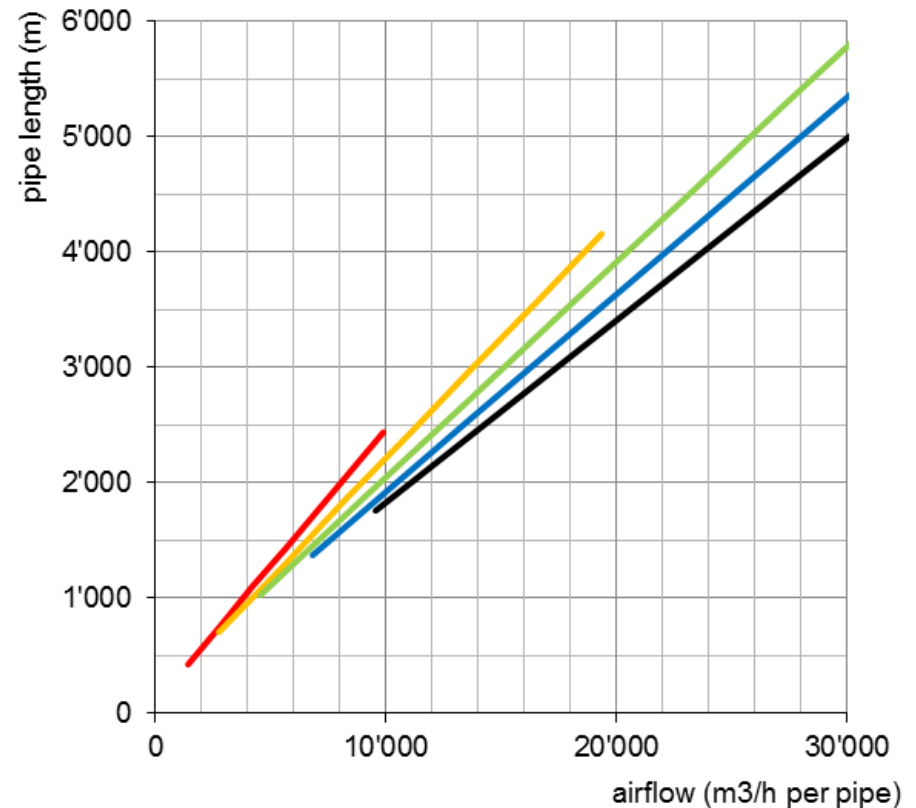
soil around pipe: ~260 cm

diameter (m) 0.10 0.20 0.30 0.40 0.50



soil around pipe: ~260 cm

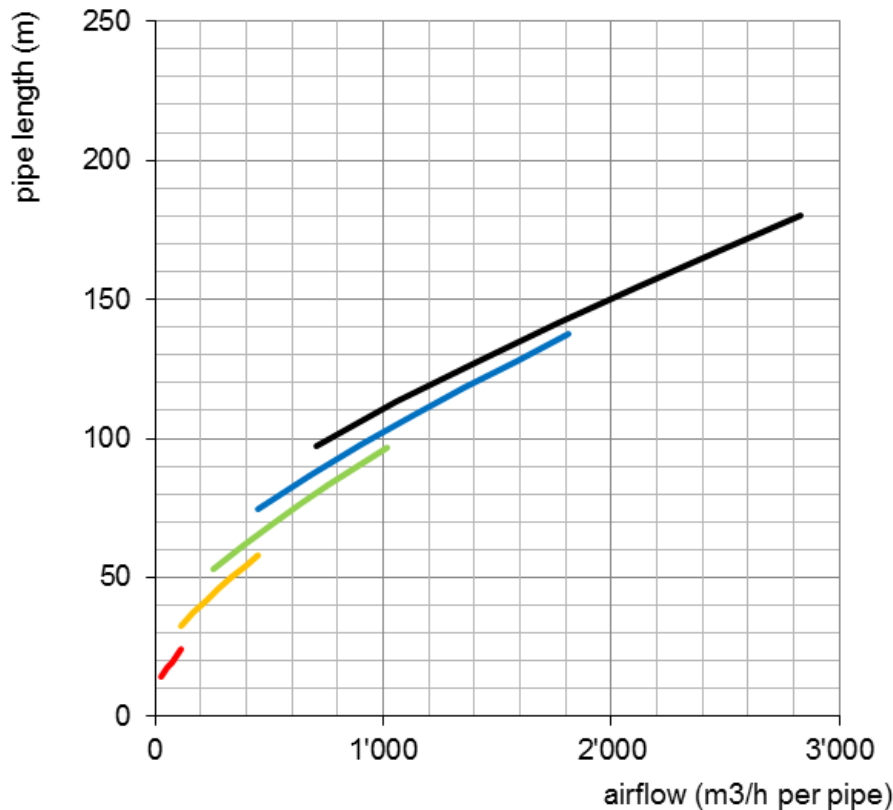
diameter (m) 0.40 0.60 0.80 1.00 1.20



EAT design humid soil (1.9 W/K.m, 1.9 MJ/K.m³)
Daily amplitude ~15% (heat penetration: ~20 cm)

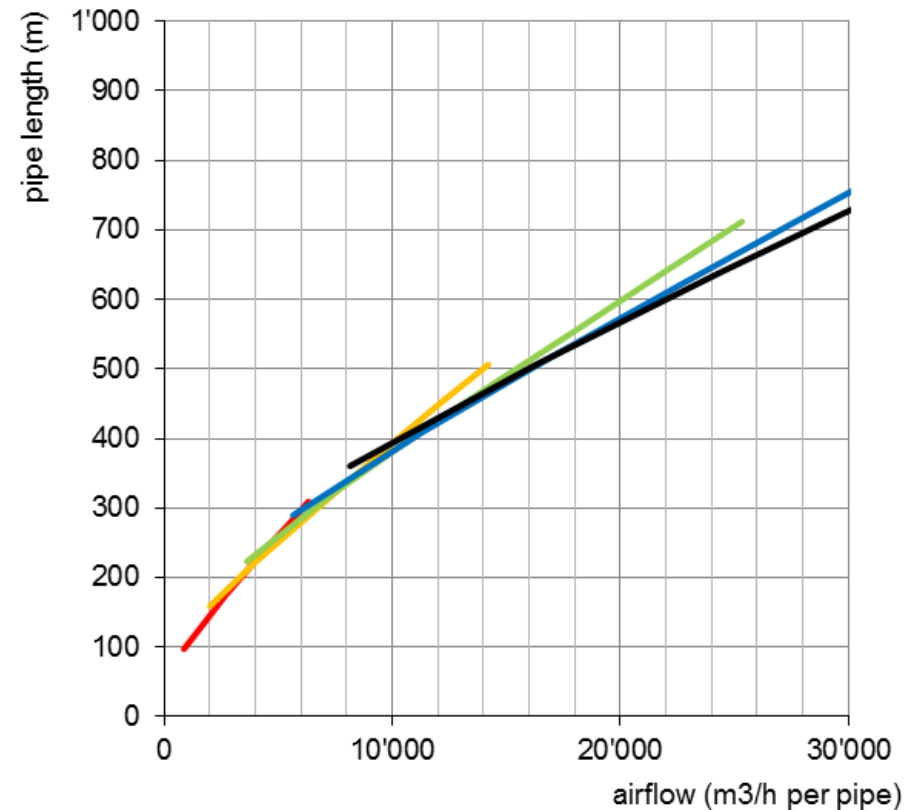
soil around pipe: ~20 cm

diameter (m) — 0.10 — 0.20 — 0.30 — 0.40 — 0.50



soil around pipe: ~20 cm

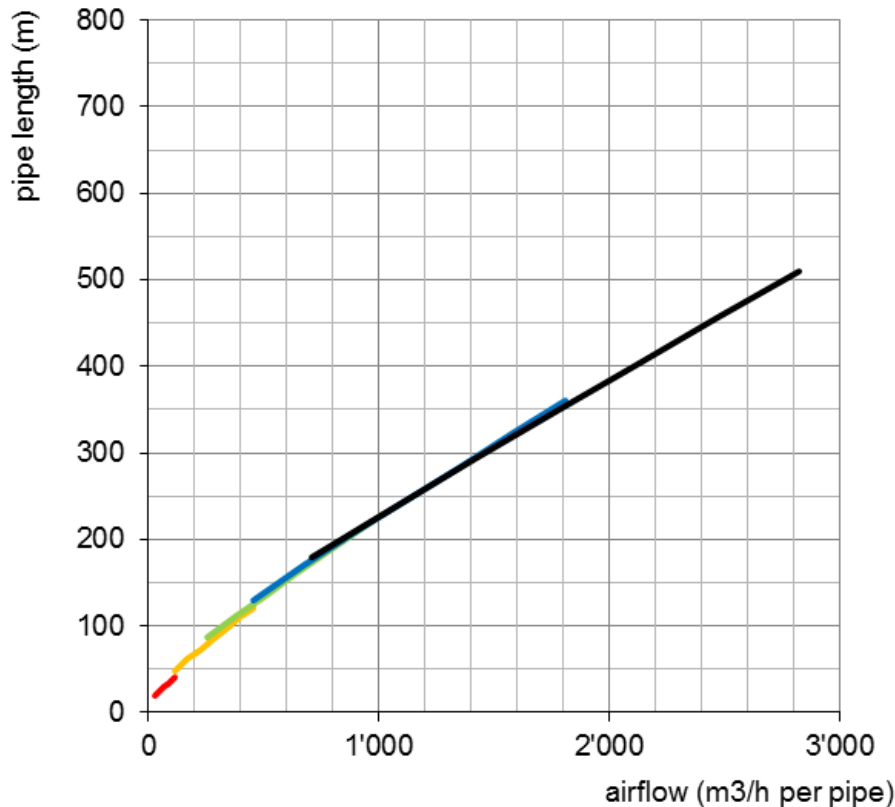
diameter (m) — 0.40 — 0.60 — 0.80 — 1.00 — 1.20



EAT design humid soil (1.9 W/K.m, 1.9 MJ/K.m³)
Annual amplitude ~15%

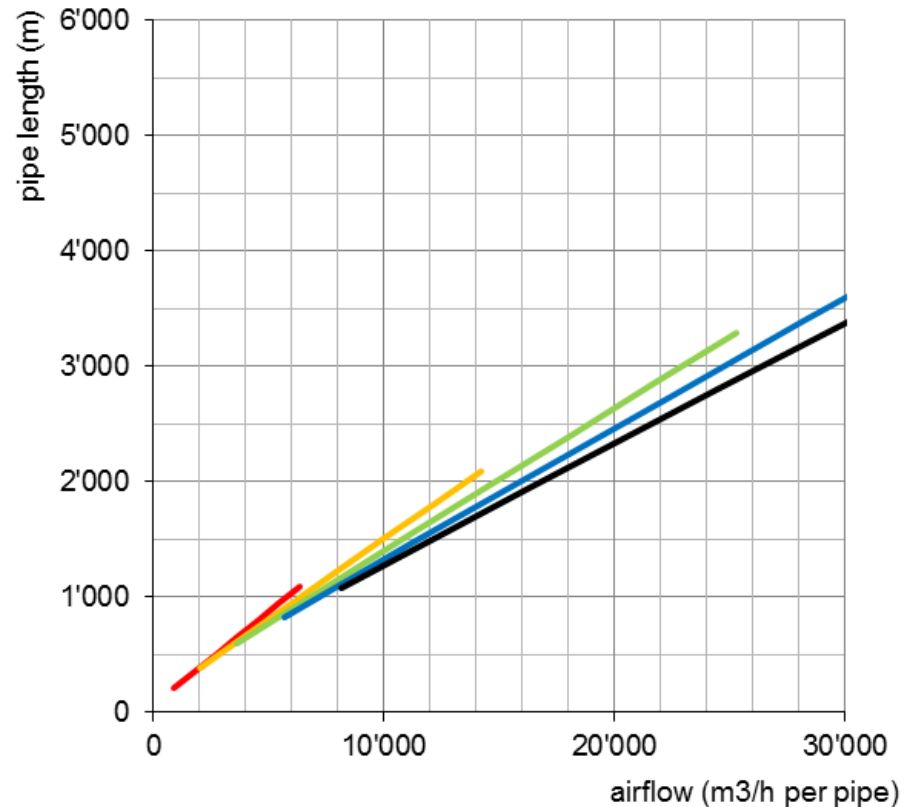
soil around pipe: ~320 cm

diameter (m) 0.10 0.20 0.30 0.40 0.50



soil around pipe: ~320 cm

diameter (m) 0.40 0.60 0.80 1.00 1.20



Use of nomograph with other pipe length

