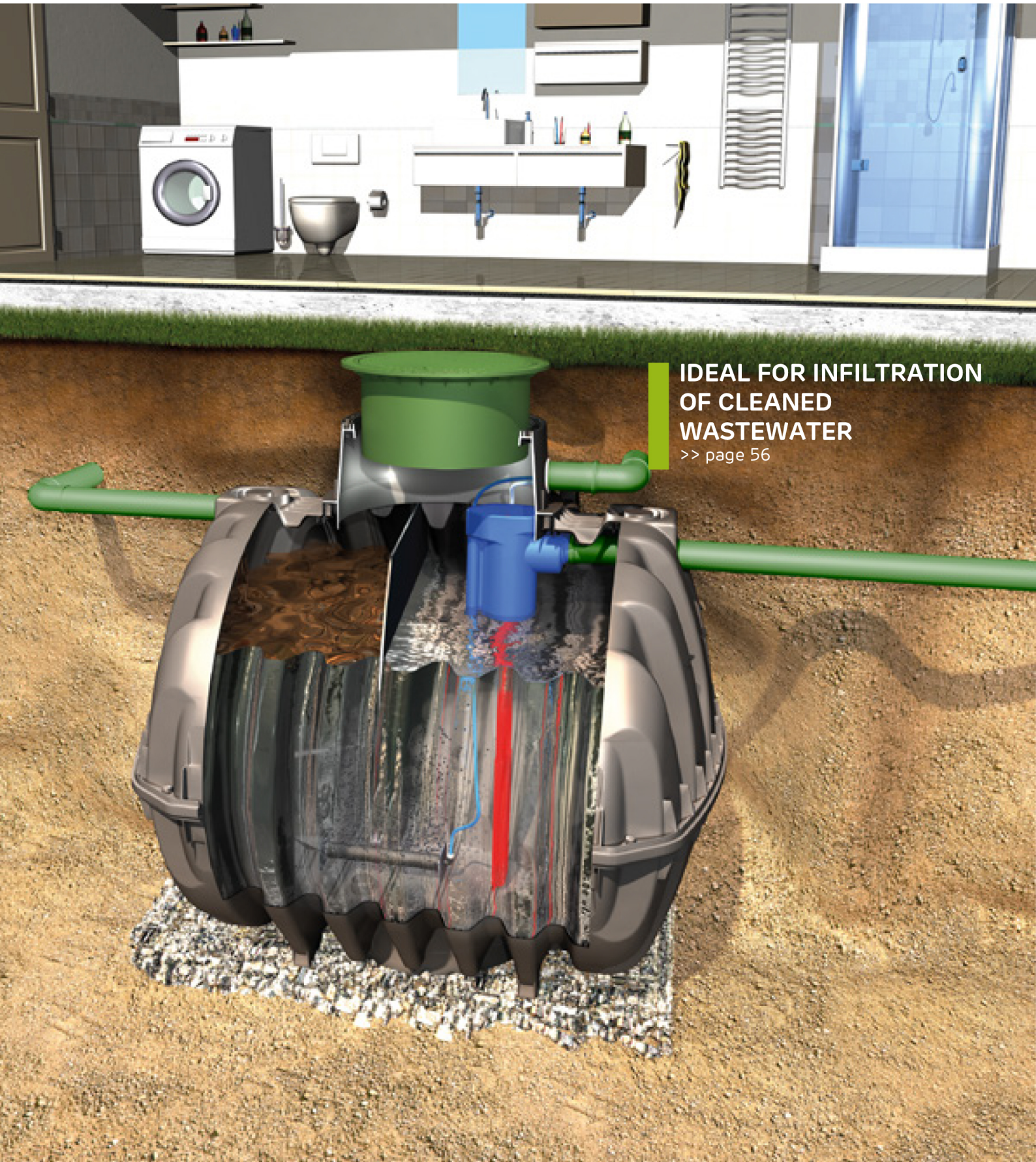


one2clean domestic wastewater solutions

3 – 18 PE (450 – 2,700 l/day)



**IDEAL FOR INFILTRATION
OF CLEANED
WASTEWATER**
>> page 56

One-tank system one2clean

Q **WEBCODE** G5104

Inhabitants [max.]	Max. daily flow [l/d]	Max. organic load [kg BOD5/d]	Total volume [l]	Volume [l]	Length* [mm]	Width* [mm]	Height [mm]	Weight [kg]
1 – 3	450	0.18	2,700	2,700	2080	1565	1690	120
4 – 5	750	0.30	3,750	3,750	2280	1755	1880	150
6 – 7	1,050	0.42	4,800	4,800	2280	1985	2110	185
8 – 9	1,350	0.54	6,500	6,500	2390	2190	2390	220

Scope of supply: Carat S underground tank, tank dome, telescopic dome shaft 600, one2clean system pack (>> page 46 – the GRAF modular system). Please order the air hoses separately (>> page 16).

*Total measurement

Two-tank system one2clean

Inhabitants [max.]	Max. daily flow [l/d]	Max. organic load [kg BOD5/d]	Total volume [l]	Volume [l]	Length* [mm]	Width* [mm]	Height [mm]	Weight [kg]
2 – 7	1,050	0.42	5,400	2 x 2,700	4760	1565	1690	240
8 – 10	1,500	0.60	7,500	2 x 3,750	5160	1755	1880	300
11 – 14	2,100	0.84	9,600	2 x 4,800	5160	1985	2110	370
15 – 18	2,700	1.08	13,000	2 x 6,500	5380	2190	2390	440

Scope of supply: Carat S underground tanks, tank domes, telescopic dome shafts 600, one2clean system pack (>> page 46 – the GRAF modular system).

Please order the air hoses separately (>> page 16).

*Total measurement

Technical data



System	one2clean
System conformity	EN 12566-3
Purifying technology	fully biological SBR lifting technology
One-tank systems available up to	9 inhabitants 1,350 l/d
Two-tank systems available up to	18 inhabitants 2,700 l/d
Maintenance interval	1 – 2 per year
Warranty for underground tank	10 years
Warranty for purifying technology	2 years

Parameter		
COD (chemical oxygen demand)	94.2 %	43 mg/l
BOD ₅ (biochemical oxygen demand)	98.0 %	7 mg/l
SS (suspended solids)	96.3 %	14 mg/l
NH ₄ -N	98.3 %	0.5 mg/l
N _{total}	87.0 %	7.9 mg/l

Results of practical testing undertaken by the Prüfinstitut für Abwassertechnik (Testing Institute for Wastewater Technology), Aachen