

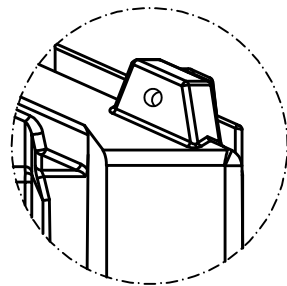
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By client

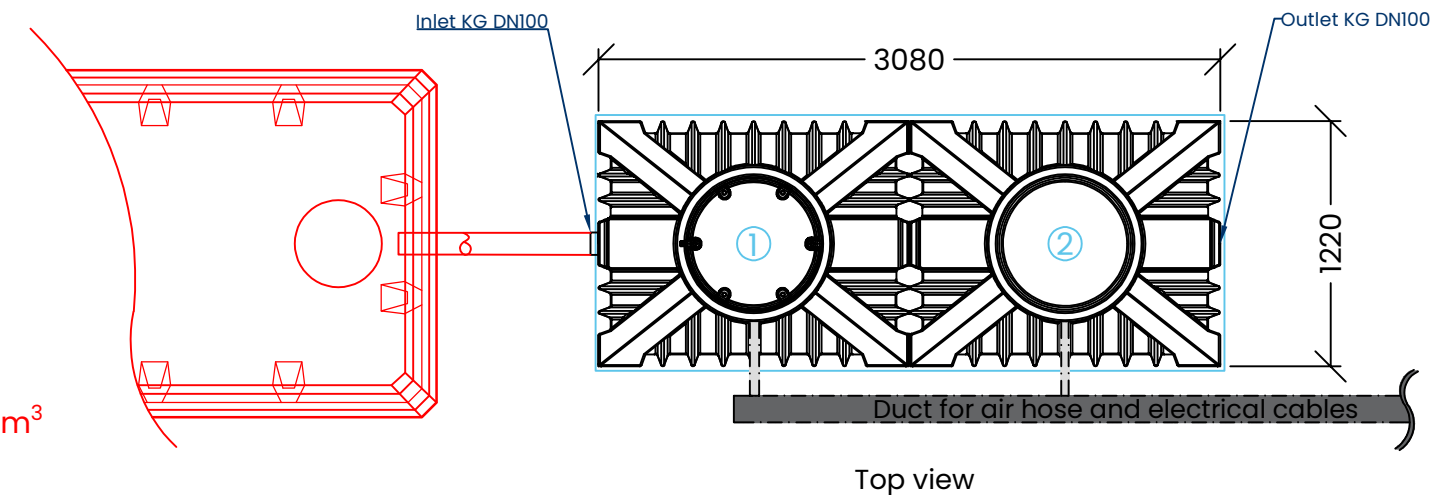
- Prechamber total usable volume: 8.3 m³
- Prechamber split into:
 - Settlement – 3.8 m³
 - Flow equalisation – 4.5 m³

Scope of delivery by PPU:

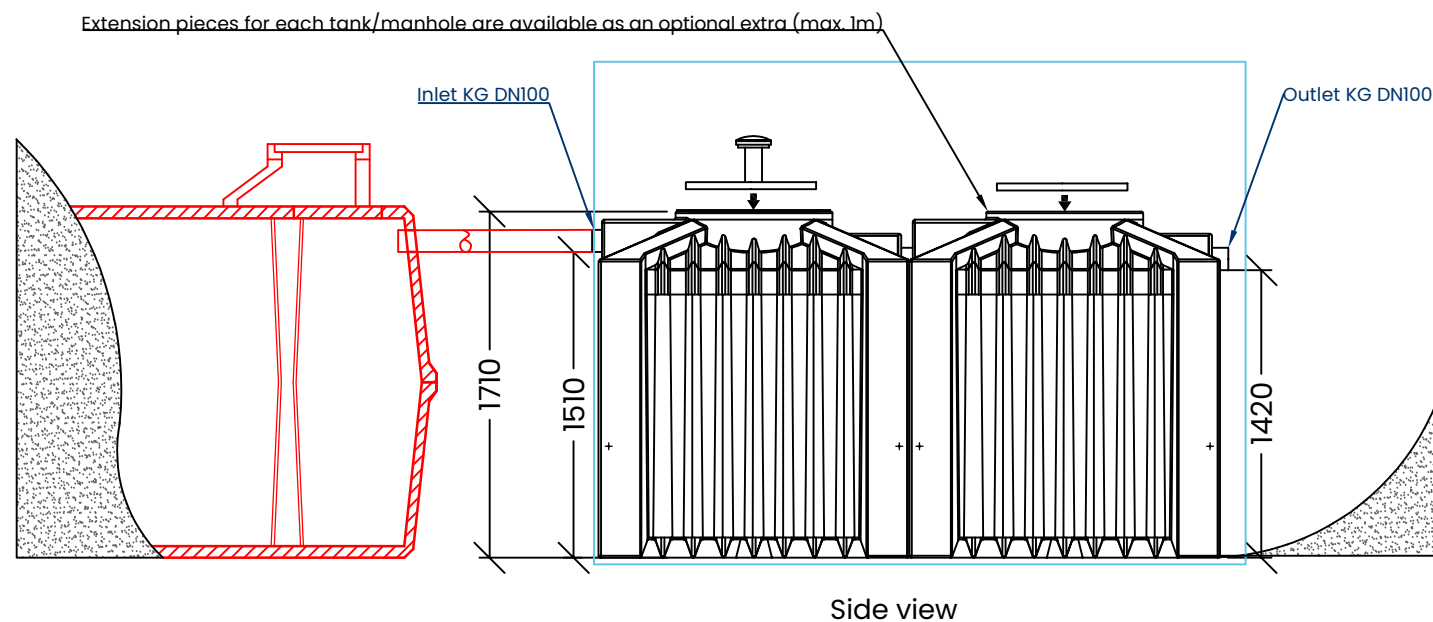
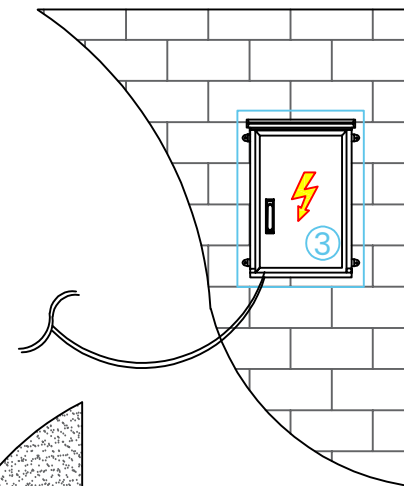
- 1.) FBBR
- 2.) Clarifier
- 3.) Cabinet with installation material



Lifting eyes for transport by crane are integrated into each tank.



Electrical:
230V / 1 phase / 50 Hz / Fuse 10A / 3x 1,5 mm²
Cabinet: 700x500x300
[contains air compressor, PLC, electrical panel]
(cable and pipes for 8m are included)



Specification

- Population range: 50 people
- Max. organic load: BOD₅ 2,8 kg/day
- Max. average daily flow: 7500 l/day
- Max power consumption: 4,1 kWh/day
- Max. connected load: 0,68 kW
- Total capacity: 4,5 m³

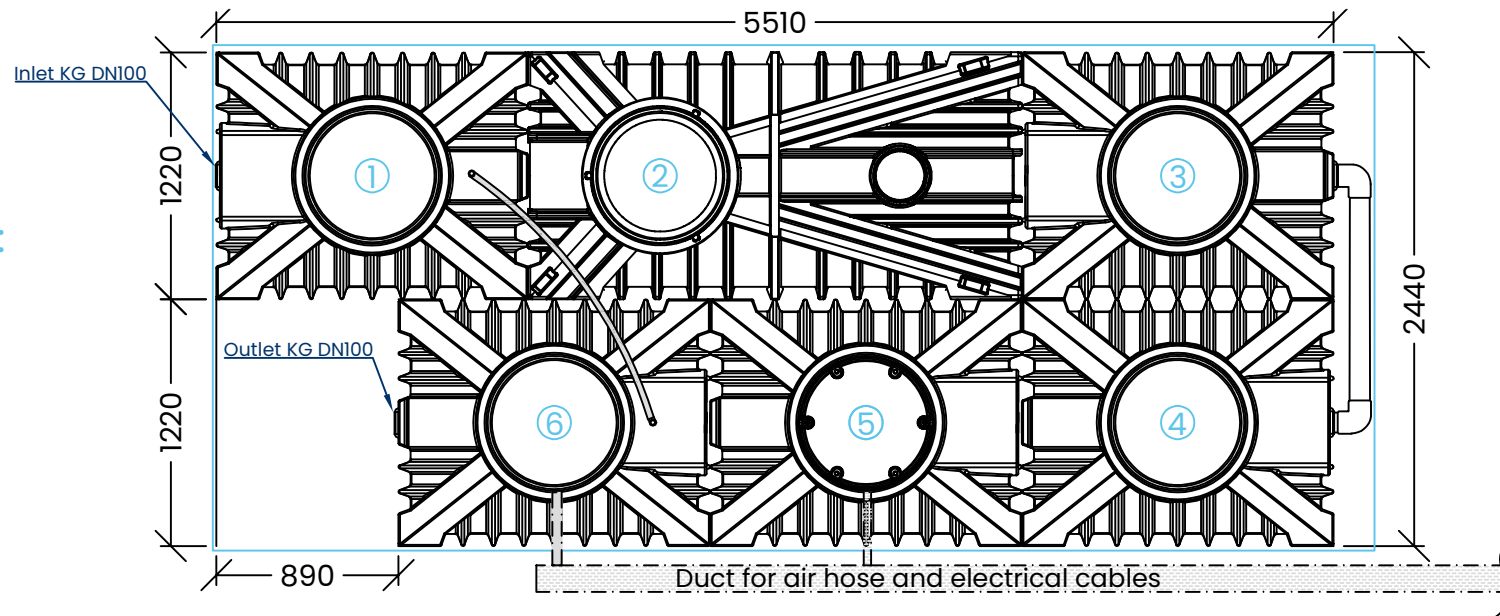
Notes

- System combines 2x AP2250
- AP 2250: 1540 x 1220 x 1710 mm (lxbxh)
- Total system weight: ~ 400 kg
- Operating weight: ~ 4500 kg
- Biggest single weighth: 210 kg

							Material
					DATE	NAME	DIN A4
				Draw	20.08.25	PEN	Part-No.:
				Chek.			Description
							AP System
0	Document created	20.08.25	PEN				50 PE / Q20 / C / Prechamber by client
Rev	Change	Date	Name	File:	ZE_20250820_50PE_Q20_C_Prebyclient		Page 1 / 1

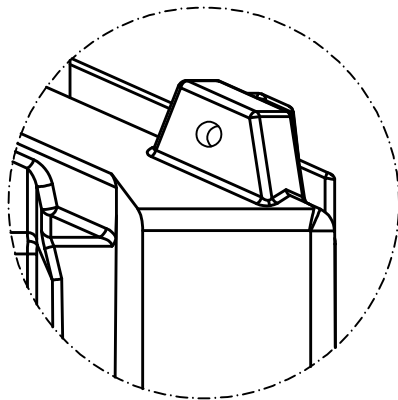
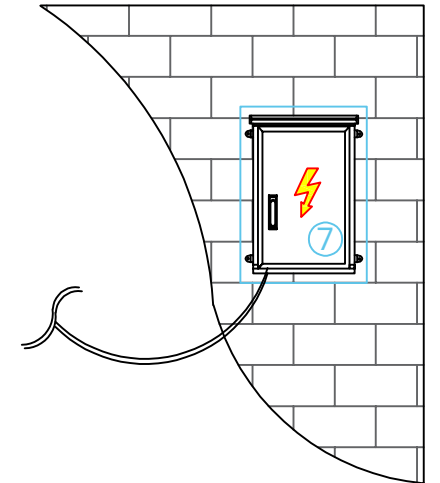
Scope of delivery by PPU:

- 1.) - 4.) Prechamber
- 5.) FBRR
- 6.) Clarifier
- 7.) Cabinet with installation material

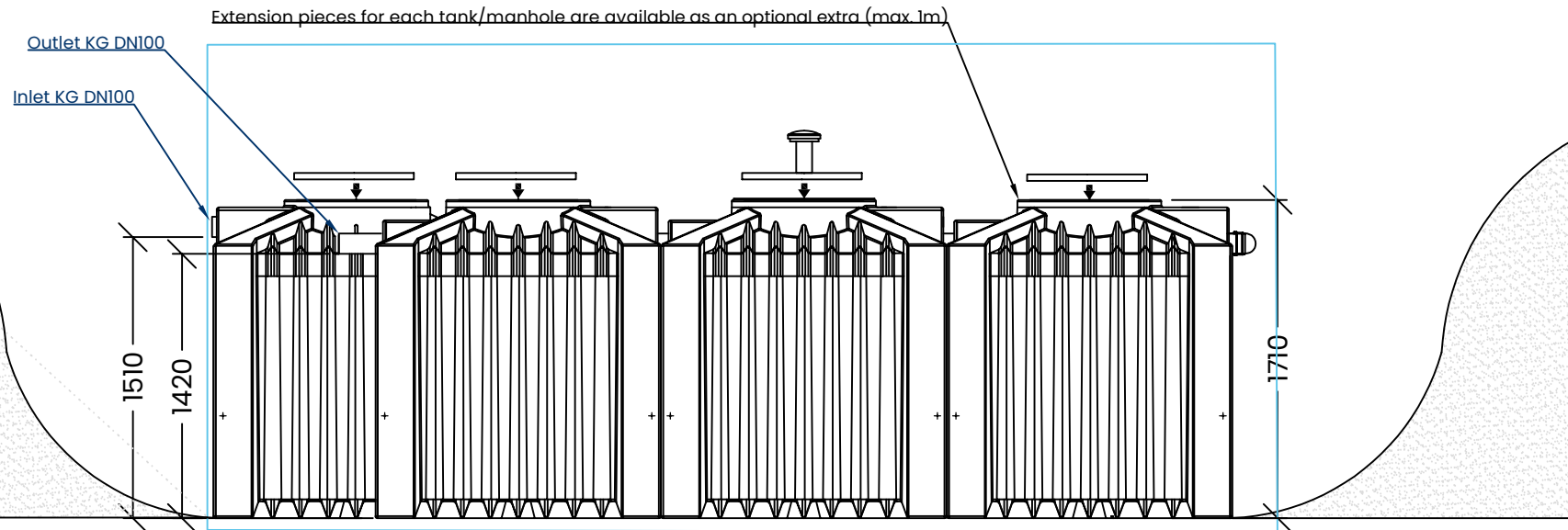


Top view

Electrical:
230V / 1 phase / 50 Hz / Fuse 10A / 3x 1,5 mm²
Cabinet: 700x500x300
[contains air compressor, PLC, electrical panel]
(cable and pipes for 8m are included)



Lifting eyes for transport by crane are integrated into each tank.



Side view

Specification

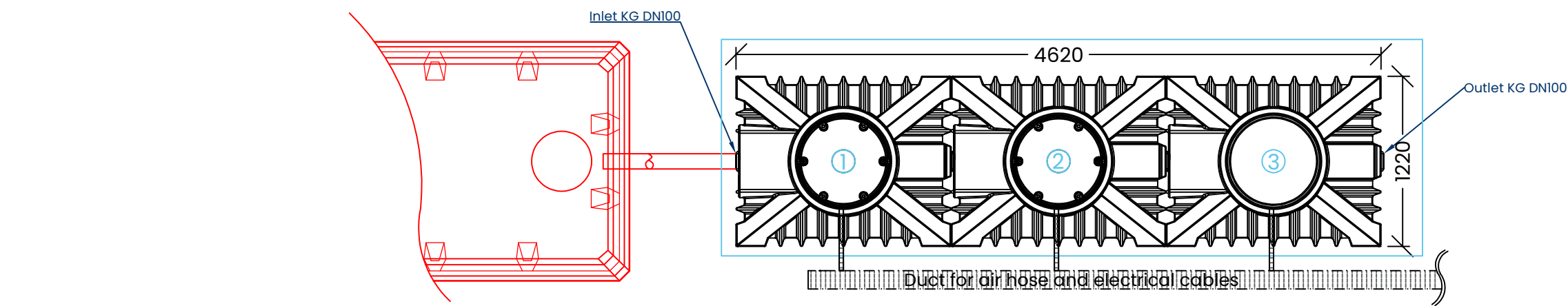
- Population range: 50 people
- Max. organic load: BOD₅ 2,8 kg/day
- Max. average daily flow: 7500 l/day
- Max power consumption: 4,1 kWh/day
- Max. connected load: 0,68 kW
- Total capacity: 14,75 m³

Notes

- System combines 5x AP2250 and 1x AP3500 tanks
- AP 2250: 1540 x 1220 x 1710 mm (lxbxh)
- AP 3500: 2430 x 1220 x 1710 mm (lxbxh)
- Total system weight: ~ 900 kg
- Operating weight: ~ 14750 kg
- Biggest single weight: 210 kg

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4				Appr.	DATE	NAME	Scale X:X
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2				Chek.			Description AP System 50 PE / Q20 / C / Prechamber by PPU
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Rev.	Change	Date	Name	File: ZE_20250820_50PE_Q20_C_PrebyPPU			Page 1 / 1

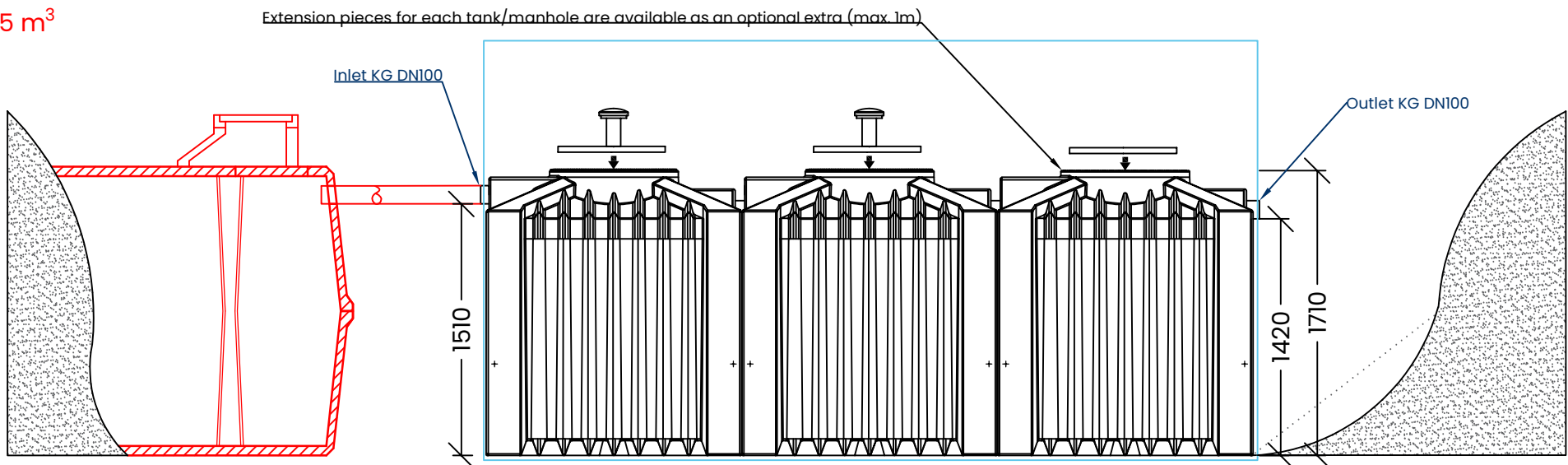
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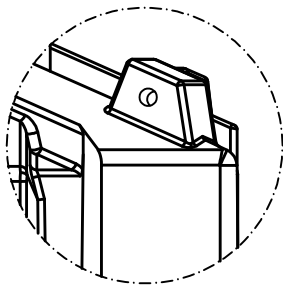
Top view

- By client**
- Prechamber total usable volume: 8.3 m³
 - Prechamber split into:
 - Settlement - 2.8 m³
 - Flow equalisation - 4.5 m³

Scope of delivery by PPU:
1.) - 2.) FBBR
3.) Clarifier
4.) Cabinet with installation material

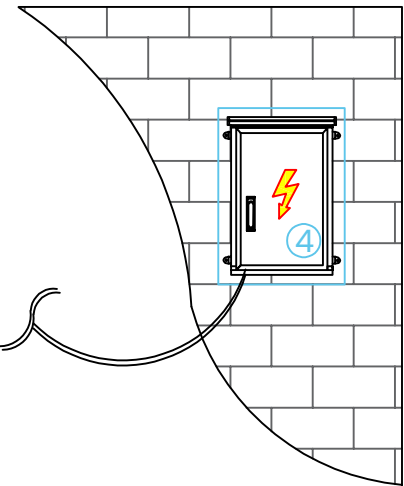


Side view



Lifting eyes for transport by crane are integrated into each tank.

Electrical:
230V / 1 phase / 50 Hz / Fuse 10A / 3x 1,5 mm²
Cabinet: 700x500x300
[contains air compressor, PLC, electrical panel]
(cable and pipes for 8m are included)

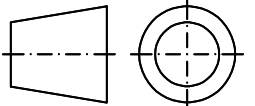


Specification

- Population range: 50 people
- Max. organic load: BOD₅ 2,8 kg/day
- Max. nitrogen load: N 0,275 kg/day
- Max. average daily flow: 7500 l/day
- Max power consumption: 4,1 kWh/day
- Max. connected load: 0,68 kW
- Total capacity: 6,75 m³

Notes

- System combines 3x AP2250
- AP 2250: 1540 x 1220 x 1710 mm (lxbxh)
- Total system weight: ~ 610 kg
- Operating weight: ~ 6750 kg
- Biggest single weighth: 210 kg

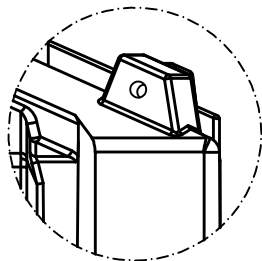
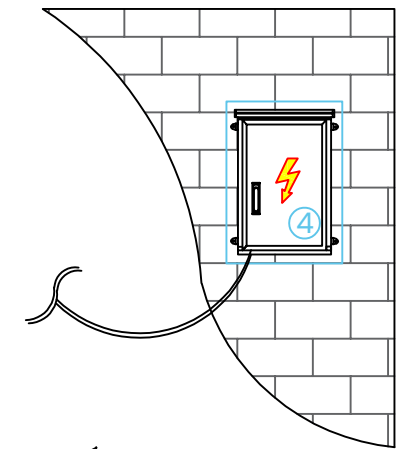
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0	Document created	28.08.25	PEN				50 PE / Q20 / C+N / Prechamber by Client
Rev.	Change	Date	Name	File: ZE_20250828_50PE_Q20_C+N_PrebyClient			Page 1 / 1

Technical drawing of the front view of a 6-cylinder engine. The drawing shows a rectangular block with six cylinders arranged in two rows of three. The cylinders are numbered 1 through 6. The overall dimensions are 2440 mm in height and 6160 mm in width. The distance between the centers of the cylinders in each row is 1220 mm. The distance between the center of a cylinder in the top row and the center of a cylinder in the bottom row is 640 mm. A duct for air hose and electrical cables is shown at the bottom. The drawing is a black and white line drawing with blue dimension lines and numbers.

1.) - 4.) Prechamber
5.) - 6.) FBBR
7.) Cabinet with
installation material

Top view

Electrical:
230V / 1 phase / 50 Hz / Fuse 10A / 3x 1,5 mm²
Cabinet: 700x500x300
[contains air compressor, PLC, electrical panel]
(cable and pipes for 8m are included)



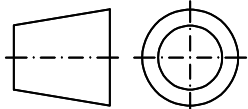
Lifting eyes for transport by crane are integrated into each tank.

Extension pieces for each tank/manhole are available as an optional extra (max. 1m).

Side view

- Population range: 50 people
- Max. organic load: BOD₅ 2,8 kg/day
- Max. nitrogen load: N 0,275 kg/day
- Max. average daily flow: 7500 l/day
- Max power consumption: 4,1 kWh/day
- Max. connected load: 0,68 kW
- Total capacity: 17 m³

- System combines 6x AP2250 and 1x AP3500 tank
- AP 2250: 1540 x 1220 x 1710 mm (lxbxh)
- AP 3500: 2430 x 1220 x 1710 mm (lxbxh)
- Total system weight: ~ 1110 kg
- Operating weight: ~ 17000 kg
- Biggest single weight: 210 kg

6						Material	
5							
4				Appr.	DATE	NAME	Scale X:X
3				Draw	20.08.25	PEN	Part-No.:
2				Chek.			Description AP System 50 PE / Q20 / C+N / Prechamber by PPU
1							
0	Document created	20.08.25	PEN				
Rev.	Change	Date	Name	File: ZE_20250828_50PE_Q20_C+N_PrebyPPU			Page 1 / 1