

Reuse Technology of Wastewater

Global warming and scarce resources triggers water shortages all around the world so human being has to control the use of water. SPG-ARITIM is a well-known global player in water technologies. SPG-ARITIM's new product is small MBR treatment packages for small houses to small villages up to 500 habitants to reuse their waste water.



Basically SPG-ARITIM uses Membrane Module Technologies.



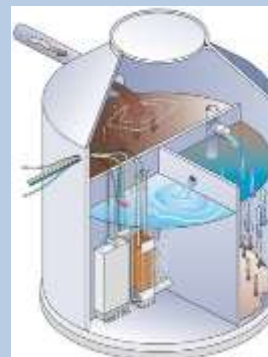
WHY MBR?


- Waste Water reuse
- Less space requirement
- Less sludge
- Less energy consumption
- Less chemical consumption
- Treatment efficiency
- Easy to use



MBR usage areas

- Advance treatment of domestic and industrial waste water
- Brackish water treatment
- Waste water reuse technology
- Space required projects
- High volume of water usage project



| | MBR-4 | MBR-8 | MBR-12 | MBR-16 | MBR-20 | MBR-25 | MBR-35 | MBR-40 | MBR-50 | MBR-75 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---|----------|----------|----------|
| person | 4 | 8 | 12 | 16 | 20 | 25 | 35 | 40 | 50 | 75 |
| average flow LT | 852 | 1.704 | 2.556 | 3.408 | 4.260 | 5.125 | 6.825 | 7.800 | 10.250 | 11.250 |
| tank type | circular | circular | circular | circular | circular | circular | circular | circular | circular | circular |
| # of tanks | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 |
| MBR | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 |
| Tank Height mm | 1.650 | 1.650 | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 |
| Tank Dia mm | 1.700 | 1.700 | 2.000 | 2.200 | 2.400 | 2.400 | 2.600 | 2.200 | 2.500 | 2.600 |
| Tank Volume m ³ | 1,701 | 3,403 | 5,966 | 7,219 | 8,519 | 11,168 | 13,107 | 14,438 | 18,644 | 20,165 |
| | MBR-100 | MBR-150 | MBR-200 | MBR-300 | MBR-400 | MBR-500 |  | | | |
| person | 100 | 150 | 200 | 300 | 400 | 500 | | | | |
| average flow LT | 15.000 | 22.500 | 30.000 | 45.000 | 60.000 | 75.000 | | | | |
| tank type | rectengular | rectengular | rectengular | rectengular | rectengular | rectengular | | | | |
| # of tanks | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| MBR | 4 | 6 | 8 | 12 | 16 | 20 | | | | |
| Tank Height mm | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 | 2.090 | | | | |
| Tank Dia mm | 2.000 | 2.400 | 2.700 | 3.400 | 4.000 | 4.500 | | | | |
| Tank Volume m ³ | 8,360 | 13,042 | 16,929 | 24,160 | 33,440 | 42,323 | | | | |

optional items not included in price

Local Distributor

SPG

Don't Waste Water