

Liquid-gas Separator

Liquid-gas separator is used to separate gas and liquid in the gas-bearing drilling fluid. During drilling process, the gas-bearing fluid runs into separation tank through decompression tank, then bumps against the baffle with great speed to break and release the bubbles in the fluid to achieve the liquid-gas separation so as to increase the density of drilling fluid.

Technical characteristic

- The height of outriggers is adjustable and easy installed.
- Compact structure and few replacement parts.



Technical parameters

| Model Paramters | YQF-6000/0.8 | YQF-8000/1.5 | YQF-8000/2.5 | YQF-8000/4 |
|--|--------------------|--------------------|--------------------|--------------------|
| Max. treatment capacity of liquid, m ³ /d | 6000 | 8000 | 8000 | 8000 |
| Max. treatment capacity of gas, m ³ /d | 100271 | 147037 | 147037 | 147037 |
| Max. working pressure, MPa | 0.8 | 1.5 | 2.5 | 4 |
| Diameter of separation tank ,mm | 800 | 1200 | 1200 | 1200 |
| Capacity, m ³ | 3.58 | 6.06 | 6.06 | 6.06 |
| Overall dimensions ,mm | 1900 × 1900 × 5690 | 2435 × 2435 × 7285 | 2435 × 2435 × 7285 | 2435 × 2435 × 7285 |
| Weight, kg | 2354 | 5880 | 6725 | 8440 |