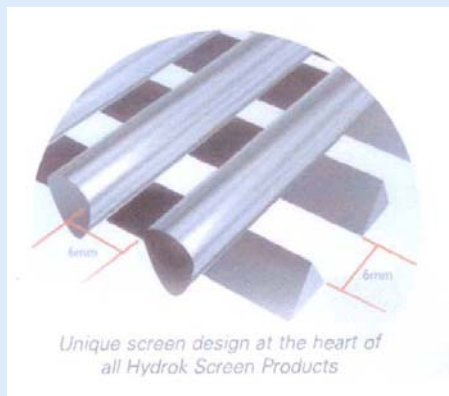


HYDROK

PEAK SCREEN

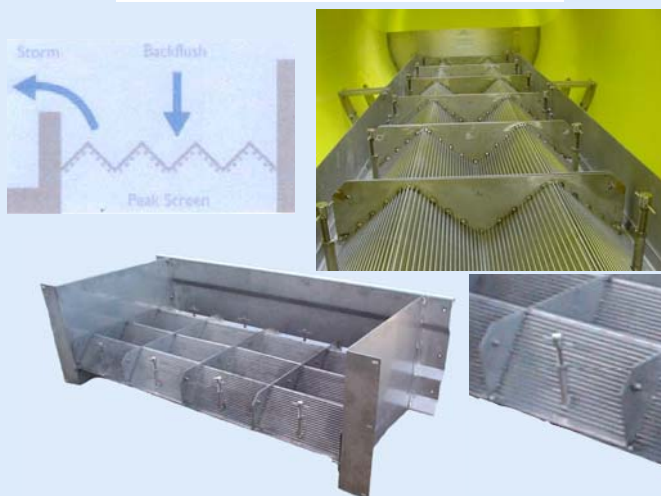


The Peak Screen provides a simple low cost solution to screening CSO's.

Our unique wedge wire material provides 6mm screening in two directions, and due to the very generous 68% open area can accommodate large flow rates with minimal head loss.

Our patented Peak Screen design provides a screen surface that encourages screenings to drop back into the continuation flow and significantly reduces the chamber size. The Peak Screen is configured as an upward flow unit and positioned below the Weir to allow a degree of self cleansing through backwashing. Many screens are designed specifically for existing chambers, this can make significant cost savings by reducing chamber sizes and eliminating the need to build new structures. Screens can also be supplied ready installed in a package CSO (see ScreenPack).

Over two thousand Peak Screens have now been installed covering flow rates from 5 - 8000 1/s.



Flow rate l/s	Plan area m ²	Mesh area m ²
25	0.4	0.5
50	0.7	1.0
75	1.1	1.5
100	1.4	2.0
125	1.8	2.5
150	2.1	3.0
175	2.5	3.5
200	2.9	4.0
225	2.1	3.0
250	2.4	3.3
275	2.6	3.7
300	2.9	4.0
325	3.1	4.3
350	3.3	4.7
375	3.6	5.0
400	3.8	5.3
425	4.0	5.7
450	4.3	6.0
475	4.5	6.3
500	3.6	5.0
1000	7.1	10.0
1500	10.7	15.0
2000	14.3	20.0
2500	17.9	25.0

- **6mm screening in two directions**
- **Up to 6 hrs of screening before significant blinding**
- **68% open surface area reduces head loss**
- **Can be configured in flat profile**
- **No moving parts - no power requirements**
- **Can be retro fitted**
- **Simple to install, easy to maintain**
- **Effective on high/low flows**
- **Built in overflow should the screen blind**
- **Back flushing effect gives degree of self cleansing**
- **Reliability due to simplicity**
- **Wigan tested**

All screening products have been subjected to testing at the Wigan laboratories. Hydrok screens have proved to be among the most efficient with test results indicating high performance levels and minimal operating cost. The company owns the intellectual property rights of all its products. The Peak Screen, AirMex and MecMex are Patented (2002) and registered trademarks of Hydrok UK Ltd.