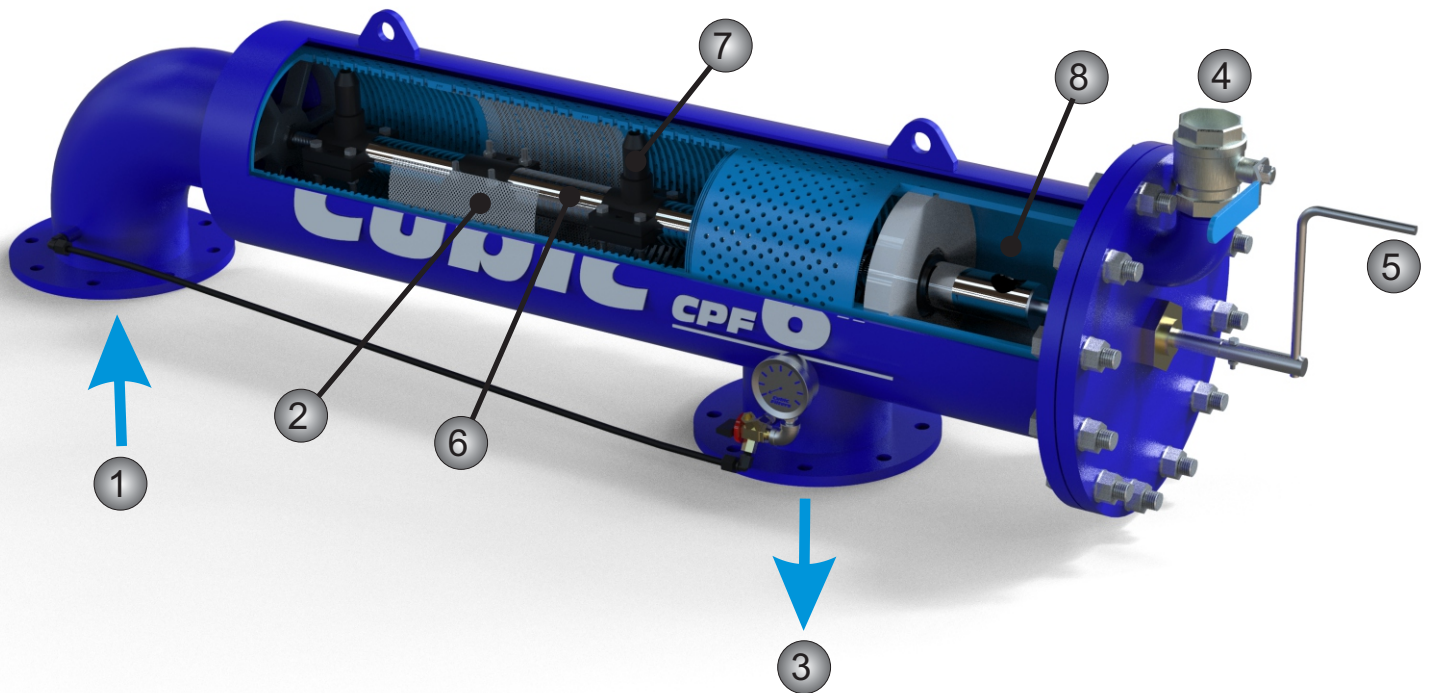


Cubic Pivot Filters (CPF) are secondary screen filters manufactured by **Cubic Water** for filtration of irrigation and industrial water.

It is manufactured to the highest standards in Nelspruit, South Africa.

With years of experience **Cubic Filters** not only offers an outstanding product but also a solution for your filtration needs.



LEGEND

- 1. Inlet
- 2. Fine Screen
- 3. Outlet
- 4. Flush Valve

- 5. Crank Handle
- 6. Dirt Collector
- 7. Suction Nozzle
- 8. Flushing Chamber

Water enters the Filter at the Inlet (1) and goes through the Fine Screen (2). The Fine Screen (2) collects all the fine dirt on the inside of the element. The clean water exits the Filter at the Outlet (3).

To flush the filter, the Flush Valve (4) is opened manually. When the Flush Valve (4) is open, the Crank Handle (5) is rotated, anti clock wise, by hand. The Crank Handle (5) rotates the Dirt Collector (6) and the Suction Nozzles (7) sucking the dirt off the Screen (2). The dirt goes through the Dirt Collector (6) and Flushing Chamber (8) out the Flushing Valve (4). When the Crank Handle (5) is turned all the way out, the rotation direction is changed to clockwise and rotated all the way back in, perfectly cleaning the Screen (2).



Made in South Africa

Cubic Filters₂₀₂₀



Made in South Africa



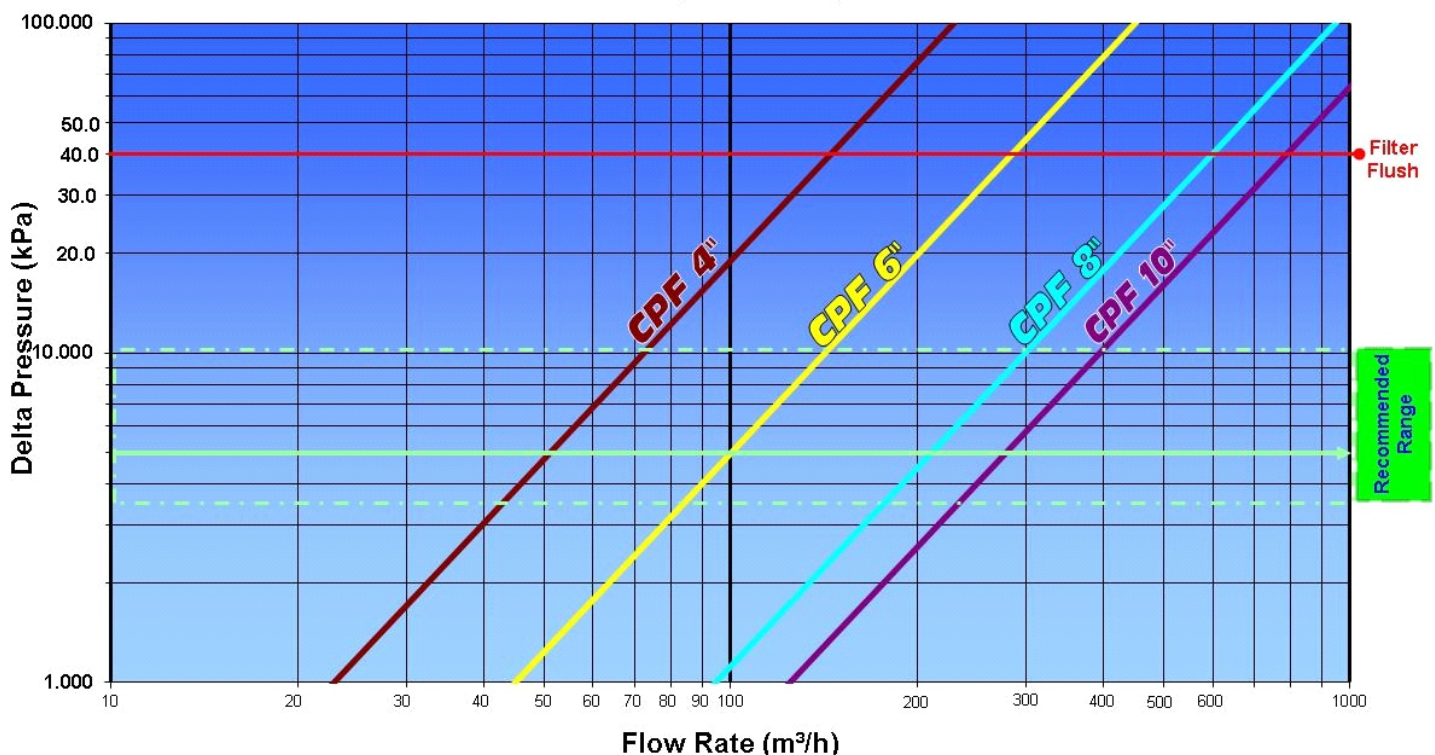
Model Number	Inlet/ Outlet		Screen Area	Recommended Flow Rate (120µm)		Maximum Flow Rate (100 µm)		* Flash Flow Rate		Dimensions						Weight
										Filter Body OD	L	L1	L2	L3	H	
	(inch)	(mm)	(cm ²)	(m ³ /h)	(l/s)	(m ³ /h)	(l/s)	(m ³ /h)	(l/s)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
CPF 4"	4	100	3000	55	15,3	75	20,8	14	3,9	250	600	800	2200	1000	500	136
CPF 6"	6	150	5000	100	27,8	150	41,7	18	5,0	250	1000	650	2600	1200	500	152
CPF 8"	8	200	7600	200	55,6	300	83,3	27	7,5	250	1000	1050	3400	1600	500	160
CPF 10"	10	250	9600	280	77,8	400	111,1	27	7,5	300	1000	1050	3400	1600	550	189

* Filter Pressure at 200 kPa

Standard Features

- ✍ Minimum operating pressure of 1 bar (100 kPa).
- ✍ Maximum operating pressure of 10 bar (1000 kPa). (Higher Optional).
- ✍ Clean filter pressure loss less than 0.1 bar (10 kPa).
- ✍ Filtration 500 micron standard. 800 and 1200 micron is available on request.
- ✍ Filter housing materials of powder coated carbon steel.

Pressure Loss with 100 micron screen (clean water)



Telephone: 013 8800 335 or **info@cubicwater.co.za**