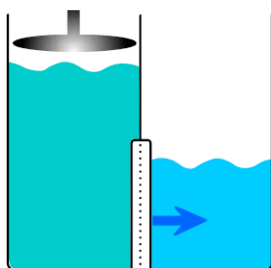
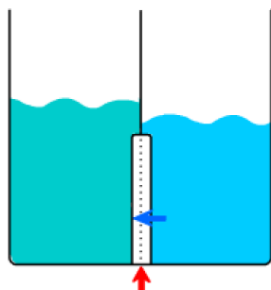


**PRINTING PROCESS WATER STANDARDISATION  
DAMPENING – WEB REMOISTENING – AIR HUMIDIFICATION**



**DAMPENING**  
Pre filtering  
Softening  
Reverse Osmosis  
Storage  
Remineralisation  
Additives dosing  
Supply

**WEB REMOISTENING**  
Pre filtering  
Softening  
Reverse osmosis  
Storage  
HP supply  
Consistent pressure

**AIR HUMIDIFICATION**  
Pre filtering  
Softening  
Reverse osmosis  
HP direct supply

Automatic RO water production from 50 to 2000 litres /h.  
Automatic process with all safety alarms and auto cleaning cycle for the membranes.  
Conductivity display.  
For dampening, dosing pumps are included for remineralisation and possibly fount solution.

	RAW WATER	OSMOSIS	REMINERALISATION
Particules	variable	0	0
Alges	variable	0	0
Bactéries	variable	0	0
Conductivity(µS)	150 to 900	<10	300
PH	6.5 to 9	7.0	5.5
TH (°F)	5 to 50	0	15



# Quality, hygiene, and process control...



UNITS	Prefiltration	Softening	RO	Flow (l/h)	Storage (l)
OS100	2x10"	1	1Mb 4x40	100	500
OS150	2x20"	1	1Mb 4x40	150	500
OS 300	2x20"	2	1Mb 4x40	300	500 - 1500
OS 600	2x20"	2	2Mb 4x40	600	1500 - 3000
OS 800	2x20"	2	3Mb 4x40	800	1500 - 3000
OS1000...	2x20"	2	4Mb 4x40	1000	1500 - 3000
ECOS	1x10"	1x10"	1Mb 2.5x40	50	250

No water storage for air humidification systems.  
 Fully automatic process.  
 All pumps and pre-treatments included.  
 Flow datas for a raw water temperature of 15°C.

## Quality benefit:

- Stable water for offset process
- Optimal water quality for offset process
- Pure water for web remoistening units
- Pure and safe water for air humidification systems

## Cost savings:

- Less printed waste
- Higher productivity
- Lower consumption in water and ink
- Less maintenance on dampening systems
- Reliable and safe air humidification system

## Ecology

- Less used water to get recycled
- Less consumption in chemicals
- Better drying conditions in offset

