

DOS PCF

PORE CONTROL FIBER

Innovative Water Treatment Plant **NO CLARIFIER**



DOS PCF

Innovative Water Treatment Plant
160,000 Cu.M./Day
 @ 304 Industrial Park

No Clarifier Required

50% Operating Cost Saving

75% Space Saving



304 Industrial Park 160,000 m³/d



Samsung Electronics 32,600 m³/d



POSCO Rolling Mill 40,000 m³/d



Bucheon 900,000 m³/d

COMPACT SIZE LIGHT WEIGHT

Against conventional WTP, Footprint 1/4, Weight(with media) 1/16. HRT 1/10 Easy for expansion

HIGH EFFICIENCY NO NEED CLARIFIER

Efficiency 99%, No need clarifier Raw Water 100 NTU Filtered water 0.3 NTU

LOW OPERATING COST

Reduce operating cost 50% (Chemical and Electrical Consumption)

FULLY AUTOMATIC BACKWASH

Backwash 3 mins, Backwash volume 3 - 6%

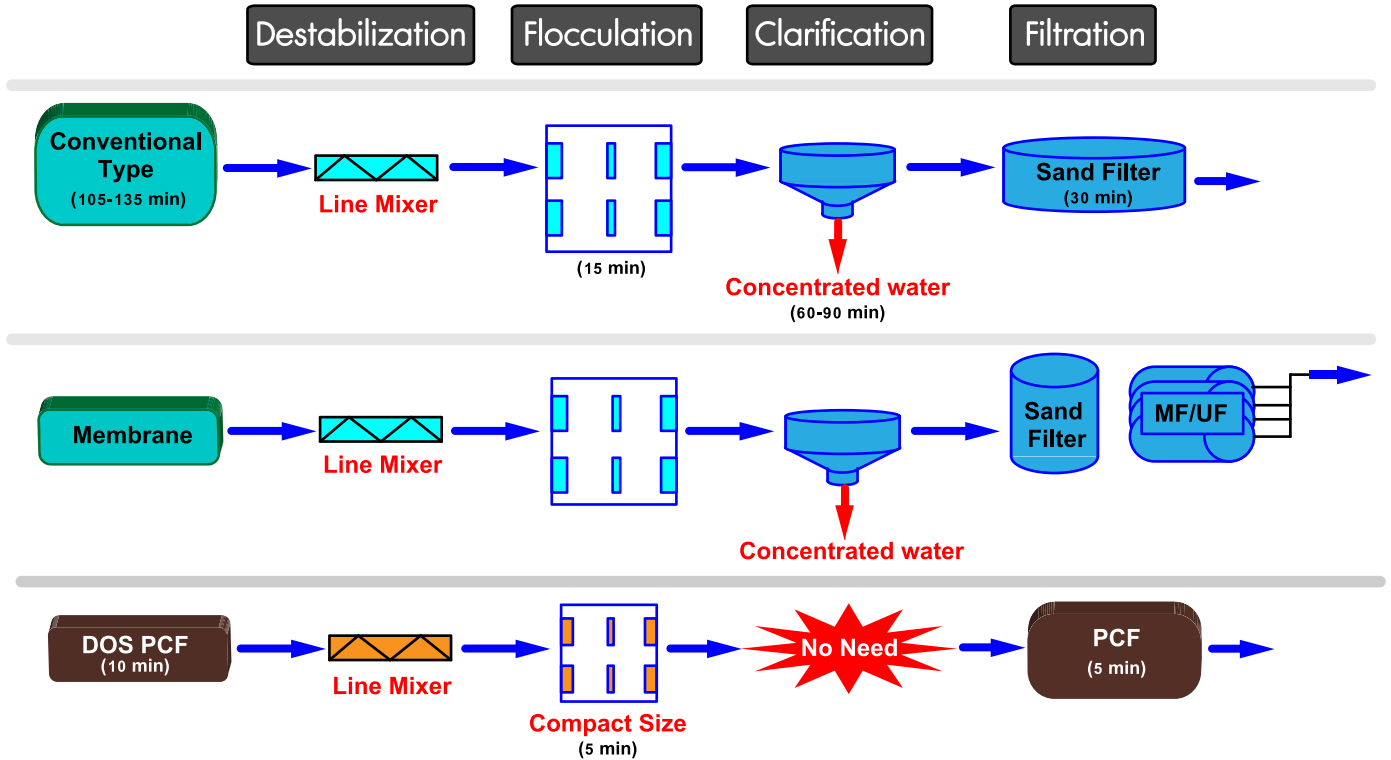
EXCELLENT WATER QUALITY

Filtered water quality comply to WHO, MWA, PWA standard Choosing 0.3 - 5 NTU

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Process Diagram



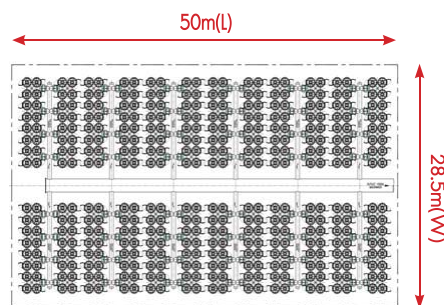
Specification

MODE	WTP- P 50,000	WTP- P 100,000	WTP- P 200,000	WTP- P 300,000	WTP- P 500,000
CAPACITY(m ³ /d)	50,000	100,000	200,000	300,000	500,000
APPR. AREA	4.0x13=52.0m ²	6.7x13=87.1m ²	14.8x13=192.4m ²	22.2x13=288.6m ²	23.0x21.0=483m ²
UNITxSETS	MPCF-10,000x5	MPCF-10,000x10	MPCF-10,000x20	MPCF-10,000x30	MPCF-10,000x50
SERVICE(PERSON)	500,000	1,000,000	2,000,000	3,000,000	5,000,000

Lay-out



WTP-P 80,000 (Thailand Prachinburi Industrial Area)



WTP-P 600,000(m³/d)/A = 1,425m²