



# PM10043IUF02CARBON

Water Pressure	1.0~4.0 kgf/cm <sup>2</sup>
Water Temperature	4 ~ 30℃
Size	IUF2&Carbon(L): $\Phi 47.5$ (OD) $\times 10$ (ID) $\times 215.5$ (H)mm IUF2&Carbon(S): $\Phi 47.5$ (OD) $\times 10$ (ID) $\times 184.5$ (H)mm
Filter Component	- Carbon Block: Coconut activated carbon + UMMWPE(Ultra High Molecular Weight Polyethylene) _1 micron - UF (Ultra Filtration) membrane filter: Polysulfone (BASF S-3010) hollow fiber membrane
Filter System	1 combined filter with 3 steps (10 $\rightarrow$ 1 $\rightarrow$ 0.1 $\mu$ m)
Carbon block performance	Chlorine reduction >90%: 4000L for IUF2&Carbon(L), 3000L for IUF2&Carbon(S) based on Korea standard-influent concentration 2ppm
UF membrane performance	Cut-off particle size: 0.03 $\mu$ m (92.5% removal, condition 20℃, 1 kgf/cm <sup>2</sup> ) -B. Diminuta 100% removal -S. Aureus 100% removal -E. Coli 100% removal -Kaoline 100% removal -Latex bead(0.05 $\mu$ m) 98.5% removal