

(1) Materials: RO vessel, usually <sup>70</sup>~~50~~kg/cm<sup>2</sup>, FW tube 8"

U-pipe, SUS316

Frame, STEEL

(2) High pressure pump

Made by Capital Industry

7.0 m<sup>3</sup>/hr, 5~6Mpa, plunger type

Valve sheet: Teflon, NBR

Liquid contacting face: SUS316

Motor : 220V, 60Hz, 6p, 3  $\phi$ , 18.5kw, TEFC

(3) Filter unit

Two units of SC-100F in parallel location

Total flowrate: 7.2 m<sup>3</sup>/hr

Pressure: 4kg/cm<sup>2</sup>

Filter feed pump: EBARA FQN 62.2c

7.2 m<sup>3</sup>/hr, 35m, 2.2kw

220V, 60Hz, 3  $\phi$ , 4W, 2.2kw, TEFC

Filter material (for each barrel): Activated carbon, 0.8-2mm dia.

Filter sand, 0.5mm dia.

Back washing system:

Back washing by replacing the hose