INSTRUCTION MANUAL

MODEL HMW-201B-5K

ORC MANUFACTURING CO., LTD.
1. Specifications  
(Standard specifications of 5kw lamp x 2 pcs.)

Dimensions of Main Unit : 1,350 (W) x 2,000 (L) x 1,740 (H) mm
Weight : 800kg
Power Supply : Single-phase 220V AC, 50/60Hz, 100A
or
Three-phase 380V AC, 50/60Hz, 50A
External Water : 12 - 16 l/min, Temperature : max. 30°C, min. 18°C
3/8" piping
Water Pressure : below 1.5kg/cm² (21 PSI)
Lamp : Super High Pressure Mercury Vapor Lamp
IML-5000 (5kw) x 2 lamps
Exposure Frame : Frame Construction
- Glass (Lower Material)
- Mylar (Upper Material)
- Vacuum Construction System
- Effective Exposure Area : 610 x 812mm
- Uniformity : more than 80%
Number of Exposure Frame : 2 sets
Vacuum Pump Unit : MSV-100 (100 l/min. 2 sets)
UV Integrator : UV-330EQP-2 (4 channels) x 2 sets

2. Installation and Wiring

(1) For installation, select a space with the least humidity and dust.

(2) Power supply equipment and grounding

Single-phase 220V AC 50/60Hz 100A or three-phase 380V AC 50/60Hz 50A power supply is required.
The unit should be grounded by No.1 class grounding work.

(3) Connect power cable to the main breaker in machine.
The other end of cable is connected to the main power source at customer sight. Power cable is color-coded as follows: