



TECHNICAL SPECIFICATION & SUPPLY SCOPE

1. Packaged type air conditioner ----- 1 Unit

- . Model : HIP - 8WG
- . Refrigerant : R-404A
- . Cooling capacity : 22,500 kcal/h
- . Power source : 440V_{AC} , 60Hz, 3-phase
- . Control source : 220V_{AC} , 60Hz, 1-phase

2. Components of Water cooled packaged type air conditioner

(1) Compressor ----- 1 Set

- . Type : One-stage hermetic type
- . Model : MTZ 80HP
- . Manufacturer : DANFOSS MANEUROP
- . Cooling capacity : 22,500 kcal/h at Te=+ 5.0℃ and Tc=+ 45.0℃
- . Power consumption : 8.33 kW
- . Max running current : 18A

(2) Marine water-cooled condenser ----- 1 Set

- . Type : Horizontal shell and tube type
- . Size : $\phi 216 \times 800EL$
- . Material : Tube = Copper (3/4")
: Tube plate = SS400
- . Water flow rate : 8.8 m³/h
- . Pressure drop : 2.65 mH₂O

(3) Evaporator ----- 1 Set

- . Type : Multi-pass crossed fin tube type
- . Material : Fin = Color Aluminum / Tube = Copper
- . Cooling method : R-404A direct expansion cooling system
- . Cooling capacity : 22,500 kcal/h
- . Evaporating temper' : Approx + 5.0℃
- . Accessories : 1 piece - Distributor