



TECHNICAL SPECIFICATION & SUPPLY SCOPE

1. Package type air conditioner ----- 1 Unit/Ship

- . Model : HIP - 8WDE
- . Refrigerant : R-404A
- . Cooling capacity : 25,000 kcal/h
- . Heating capacity : 15,500kcal/h(18 kW)
- . Power source : 3Phase x AC440V x 60Hz
- . Control source : 1Phase x AC220V x 60Hz

2. Components of Water cooled package type air conditioner

(1) Compressor ----- 1 Set/Unit

- . Type : One-stage hermetic type
- . Model : MTZ 80HP
- . Manufacturer : DANFOSS MANEUROP
- . Cooling capacity : 25,000 kcal/h at Te=+ 5.0℃ and Tc=+ 45.0℃
- . Power consumption : 8.33 kW
- . Starting / Running(Max.) : 80A / 18 A

(2) Water-cooled condenser ----- 1 Set/Unit

- . Type : Horizontal shell and tube type
- . Size : $\phi 216 \times 800\text{EL}$ (HIC-8W)
- . Material : Tube = Copper (3/4")
: Tube plate = SS400
- . Water flow rate : 8.8 m³/h
- . Pressure drop : 2.65 mmAq
- . Heat dissipation : 30,000 kcal/h

(3) Evaporator ----- 1 Set/Unit

- . Type : Multi-pass crossed fin tube type
- . Material : Fin = Colored Aluminum / Tube = Copper
- . Cooling method : R-404A direct expansion cooling system
- . Cooling capacity : 25,000 kcal/h
- . Evaporating temper' : Approx + 5.0℃
- . Accessories
1 piece - Distributor