

# SPECIALIZED AC

## Marine Air Conditioner



It is a kind of sea water source AC that is widely used in yachts and boats.



Display Panel  
Z5A35



Golden fin condenser



Inner groove copper



Washable filter



Quiet function



Self-diagnosis



Memory function



Compact design



°C/°F Switch

- 360 degree air blowing.
- Outlay electric box for easy installation & maintenance.
- Low start-up current thanks to power delay control design.
- Forced operation available for emergency situation.
- LCD display of operation status.
- Highly anti-corrosion special spray processing on the complete unit.
- Nickel-Copper tube-in-tube heat exchanger for sea water side.
- All-copper fined tube heat exchanger for air side.
- Only one PCB for the entire control and minimize cable connections, with higher reliability and also easier maintenance.
- Universal for both 50Hz and 60Hz.



| Model                                | Hump    |                   | CYR5/NaB-T   | CYR9/NaB-T   | CYR12/NaB-T  | CYR16/NaB-T  |
|--------------------------------------|---------|-------------------|--------------|--------------|--------------|--------------|
| Capacity                             | Cooling | W                 | 1400         | 2350         | 3300         | 3700         |
|                                      |         | BTU/h             | 4800         | 8000         | 11600        | 12600        |
|                                      | Heating | W                 | 1700         | 2550         | 3500         | 3800         |
|                                      |         | BTU/h             | 5800         | 8700         | 11900        | 13000        |
| EER/COP                              |         | W/W               | 2.69/3.40    | 2.94/3.23    | 3.30/3.37    | 3.52/3.17    |
| Power supply                         |         | Ph/V/Hz           | 1/220-240/50 | 1/220-240/50 | 1/220-240/50 | 1/220-240/50 |
| Power input                          | Cooling | kW                | 0.52         | 0.80         | 1.00         | 1.05         |
|                                      | Heating | kW                | 0.50         | 0.79         | 1.04         | 1.20         |
| Input current                        | Cooling | A                 | 2.9          | 4.2          | 5.1          | 5.7          |
|                                      | Heating | A                 | 2.8          | 4.2          | 5.3          | 5.7          |
| Sound pressure level                 |         | dB(A)             | 58           | 58           | 58           | 58           |
| Refrigerant charge volume            |         | kg                | 0.35         | 0.44         | 0.55         | 0.69         |
| Air flow volume (H/M/L)              |         | m <sup>3</sup> /h | 320          | 470          | 466          | 600          |
|                                      |         | CFM               | 190          | 276          | 275          | 350          |
| Dimension (WxDxH)                    | Outline | mm                | 309x440x324  | 411x457x324  | 409x458x370  | 478x488x365  |
|                                      | Package | mm                | 588x539x403  | 636x594x403  | 636x549x437  | 706x635x432  |
| Net weight/Gross weight              |         | kg                | 26/31        | 28/34        | 35/41        | 41/46        |
| Fan motor supply air outlet diameter |         | inch              | 3.6          | 3.6          | 4.7          | 4.7          |
| Condenser pipe diameter              |         | inch              | 0.87         | 0.63         | 0.87         | 0.63         |
| Loading quantity                     | 40'GP   | set               | 430          | 300          | 300          | 270          |
|                                      | 40'HQ   | set               | 516          | 360          | 360          | 324          |