

## FC-900 CROSS FLOW TYPE COOLING TOWER SPECIFICATION

|                                   |   |  |  |
|-----------------------------------|---|--|--|
| <b>Manufacturer</b>               | <b>RYOWO (HOLDING) CO., LTD.</b>                        |  |  |
| <b>Type</b>                       | <b>Induced Draft Cross Flow Vertical Discharge Type</b> |  |  |
| <b>Origin</b>                     | <b>China</b>  |  |  |
| <b>1 Design Condition</b>         |   |  |  |
| Nominal Flow (m <sup>3</sup> /hr) | 702.0   |  |  |
| Water Out Temp.                   | 32°C  |  |  |
| Water In Temp.                    | 37°C  |  |  |
| Ambient Wet Bulb Temp.            | 27°C  |  |  |
| <b>2 Overall Dimension</b>        |   |  |  |
| Length (mm)                       | 4400  |  |  |
| Width (mm)                        | 10400   |  |  |
| Height (mm)                       | 3400  |  |  |
| Net Weight (kgs)                  | 5460  |  |  |
| Operating Weight (kgs)            | 14005   |  |  |
| <b>3 Motor</b>                    |   |  |  |
| Type                              | TEFC  |  |  |
| Volt/Phase/Hz                     | 380/660/3/50HZ  |  |  |
| Power                             | 7-1/2HP 5.5kw   |  |  |
| <b>4 Fan</b>                      |   |  |  |
| Type                              | Axial   |  |  |
| Diameter (mm)                     | ø2000   |  |  |
| No. of Fan                        | 4   |  |  |
| Transmission Type                 | Vee Belt  |  |  |
| <b>5 Material</b>                 |   |  |  |
| Air Inlet Louver (Optional)       | FRP   |  |  |
| Basin                             | FRP   |  |  |
| Bolt & Nuts                       | Electroplated   |  |  |
| Casing panel                      | FRP   |  |  |
| Distribution Tray                 | FRP   |  |  |
| Eliminator                        | FRP   |  |  |
| Fan Blade                         | Al. Alloy or FRP  |  |  |
| Fan Hub                           | GI + Al. Alloy  |  |  |
| Fan Guard                         | Hot Dip Galv. Steel                                     |  |  |
| Fan Stack                         | FRP   |  |  |
| Infill                            | PVC   |  |  |
| Infill Support Mesh               | Hot Dip Galv. Steel                                     |  |  |
| Ladder                            | Hot Dip Galv. Steel                                     |  |  |
| Motor Support                     | Hot Dip Galv. Steel                                     |  |  |
| Strainer                          | SS 304  |  |  |
| Structure                         | Hot Dip Galv. Steel                                     |  |  |
| Sump Tank                         | FRP   |  |  |
| <b>6 Piping</b>                   |   |  |  |
| Inlet (Dia/Qty)                   | ø125mm x 8  |  |  |
| Outlet (Dia/Qty)                  | ø250mm x 2  |  |  |
| Overflow (Dia/Qty)                | ø80mm x 2   |  |  |
| Drain (Dia/Qty)                   | ø80mm x 2   |  |  |
| Make-up (Dia/Qty)                 | ø50mm x 2   |  |  |
| Manual Make-up (Dia/Qty)          | ø50mm x 2   |  |  |
| Suction tank                      | 2   |  |  |