# FWS-400-18.5 LOW NOISE TYPE COOLING TOWER SPECIFICATION

| | |
|---|---|
| **Manufacturer** | **RYOWO (HOLDING) CO., LTD.** |
| **Type** | **Induced Draft Cross Flow Vertical Discharge Type** |
| **Origin** | **China** |

**1 Design Condition**

| | |
|---|---|
| Nominal Flow (m3/hr) | 385.0 |
| Water Out Temp. | 32°C |
| Water In Temp. | 37°C |
| Ambient Wet Bulb Temp. | 28°C |

**2 Overall Dimension**

| | |
|---|---|
| Length (mm) | 6600 |
| Width (mm) | 3600 |
| Height (mm) | 4370 |
| Net Weight (kgs) | 3369 |
| Operating Weight (kgs) | 7366 |

**3 Motor**

| | |
|---|---|
| Type | TEFC |
| Volt/Phase/Hz | 380/3/50HZ |
| Power | 25HP 18.5KW |

**4 Fan**

| | |
|---|---|
| Type | Axial |
| Diameter (mm) | ø3000 |
| No. of Fan | 1 |
| Transmission Type | Vee Belt |

**5 Material**

| | |
|---|---|
| Basin | FRP |
| Bolt & Nuts | Electroplated |
| Casing | FRP |
| Distribution Tray | FRP |
| Drift Eliminator (Optional) | PVC |
| Fan Blade | Al. Alloy |
| Fan Hub | G.I + C.I+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 |
| Pulley Box | FRP |

**6 Piping**

| | |
|---|---|
| Inlet (Dia/Qty) | ø150mm x 2 |
| Outlet (Dia/Qty) | ø250mm x 1 |
| Overflow (Dia/Qty) | ø100mm x 1 |
| Drain (Dia/Qty) | ø100mm x 1 |
| Make-up (Dia/Qty) | ø50mm x 1 |
| Manual Make-up (Dia/Qty) | ø50mm x 1 |
| Suction tank | 1 |