



(OPEN TYPE)

*Excellent Proven Performance and  
Assurance of Superb Quality*

# **KUKEN**

## **COOLING TOWER**

SERIES 07



ISO-9001 CERTIFIED  
MANUFACTURING FACTORY



ISO-14001 CERTIFIED  
MANUFACTURING FACTORY



MEMBER OF JCI



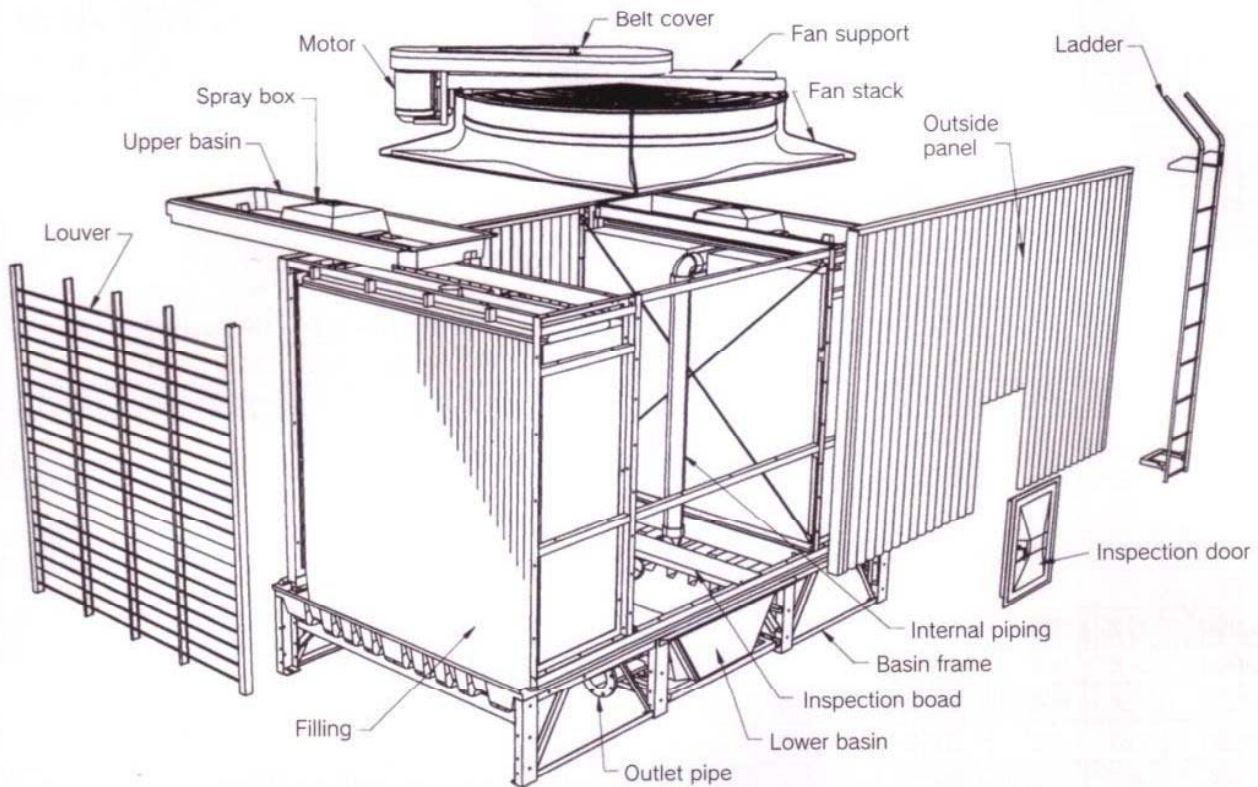
MEMBER OF CTI



**KUKEN KOGYO CO., LTD.**

## Structure of SKB <Open> type Cooling Tower

(Structure of internal piping model)



Almost all parts, such as filling, fan blade, fan hub, upper basin, lower basin, basin frame, and framework, have been specially designed for Kuken new series cooling tower.

**Filling :** Filling has been modified to secure higher L/A value (water load per area) and heat-exchange efficiency. Consequently, tower width has been greatly diminished and potentiality of every single cell-unit has been higher in terms of capacity. (Conventional filling could be adopted for some towers depending on design condition.)

**Fan unit :** Specification of newly-developed fan blade (KS wing) ensures great noise-reduction effect.

**Lower basin :** Adoption of the complete "One-piece basin" eliminates overlaying work at site, and time spent for tower erection is minimized. Basin bottom is designed to have slope towards the center for the purpose of cleaning.

**Internal of body :** Wide inspection board and the location of internal pipe ensures easier maintenance.

**Framework :** By adopting steel, tower body strength has been increased. Also, galvanizing has been richer in property.

## FAX Form for Inquiry

For inquiry, kindly fill out this form and fax to the agents.

Your company name

Job site name

Person in charge

Tel No.

Fax No.

Inquiry Contents

(Order, Quotation, Specification details, Delivery, Others)

Information required.

- |                          |  |
|--------------------------|--|
| 1 Type of cooling tower  | (Open type : Closed type)  |
| 2 Cold water flow rate   | (                      l/min :                      m3/h)  |
| 3 Application            | (Chiller <Turbo, Absorption> : Power Generator : Others                      )   |
| 4 Inlet water temp.      | (37 : 37.5 : 37.7 : 38 : Others                      °C/°F)  |
| 5 Outlet water temp.     | (32 : 32.5 : Others                      °C/°F)  |
| 6 Ambient wet bulb temp. | (27 : 27.5 : Others                      °C/°F)  |
| 7 Power supply           | (200V : 220V : 380V : 400V : 415V:440V : Others                      )<br>(50Hz : 60Hz : Inverter utilized : Others                      ) |
| 8 Sound level            | (Low noise type: Extra low noise type: others                      )   |
| 9 Plume Abatement        | Not required / Required  |
- 10 Model                      ( R : S )
- 11 Space for Cooling Tower ( L    or less : W    or less : H    or less )  
Plain / cross-sectional view drawings for the space is appreciated.
- |                              |   |
|------------------------------|---|
| 12 Material of outside panel | (PVC: FRP: SUS304: Asbesto cement : Others                      ) |
| 13 Framework                 | (HDGS: SUS304: Others                      )                      |
| 14 Vibration Isolator        | Not required / Required   |
| 15 Duct                      | Not required / Required (1m : 2m : 3m :Others )                   |
| 16 Elbow duct                | Not required / Required (45 degree : 90 degree :Others )          |
| 17 Handrail                  | Not required / Required   |
| 18 Ladder with cage          | Not required / Required   |
| 19 Upper basin cover         | Not required / Required   |
| 20 Chemical feeder           | Not required / Required   |
| 21 Auto-blow device          | Not required / Required   |
| 22 Heater                    | Not required / Required   |
| 23 Special request           |   |

## Optional Parts

Variety of optional parts are available for Kuken Cooling Tower.  
Consult with KUKEN sales-agents for more detail.



### For Safety

Handrail, Ladder with cage,  
Upper basin cover, staircase, etc..



### For Discharge Air, Silencer

Duct, Elbow duct, Silencer,  
Bird-proof net, Snow-proof parts, etc..



### Vibration Isolator



### Water activator

\*Specification subject to change without notice.

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