



EBARA

SHINWA
COOLING TOWER

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OPEN CIRCUIT CROSS FLOW SQUARE TYPE
SHINWA COOLING TOWER

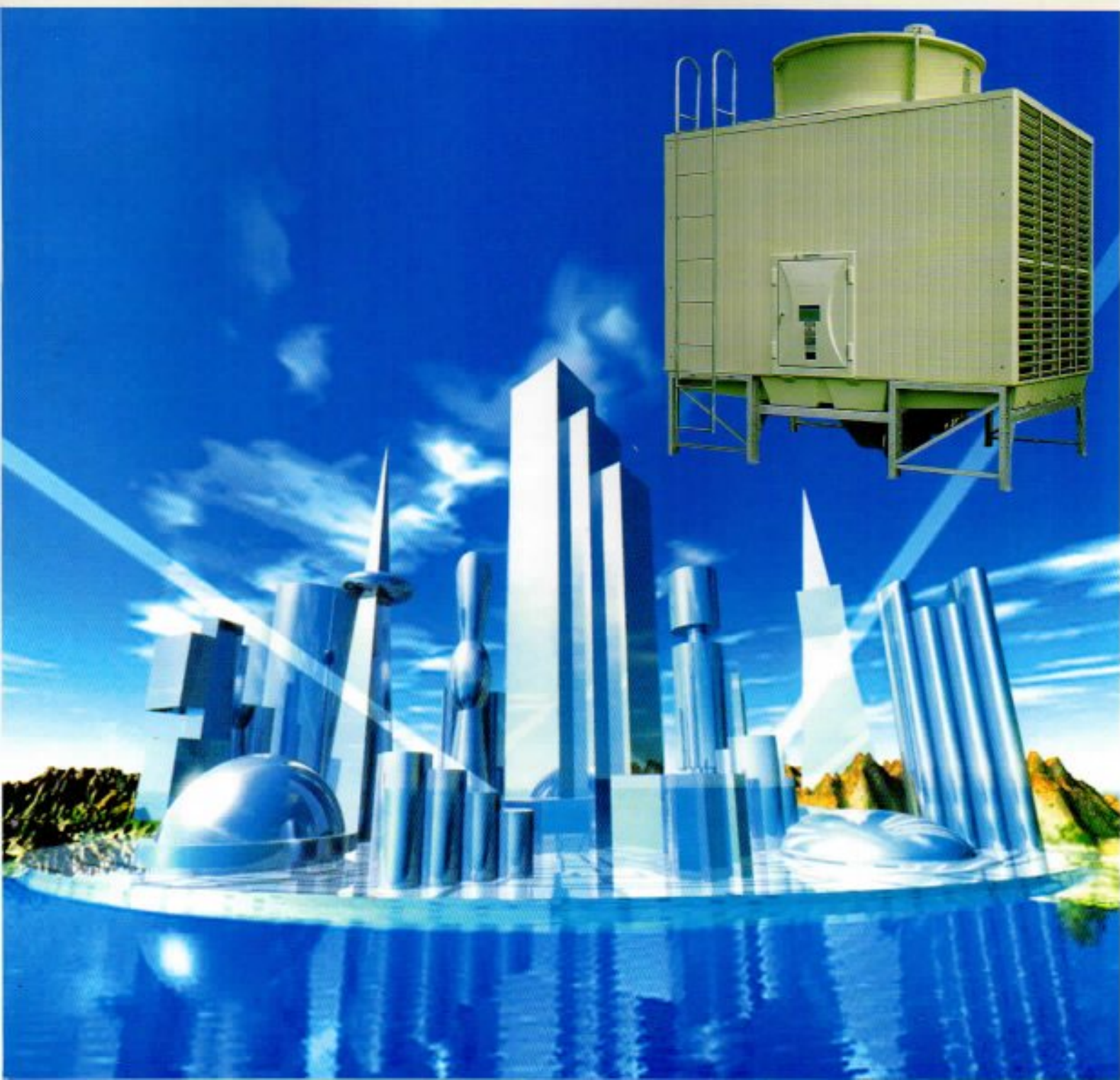
Model SDC-U
Model SNC-U
Standard Cooling Tower

Model xxx in this catalogue is our model code



PVC

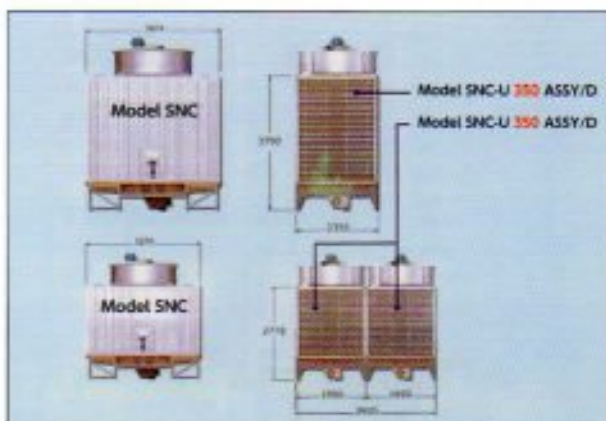
Grey (mancel N-7)



Standard Cooling Tower

Feature

1 Energy Saving, Space Saving Compactness and Lightweight



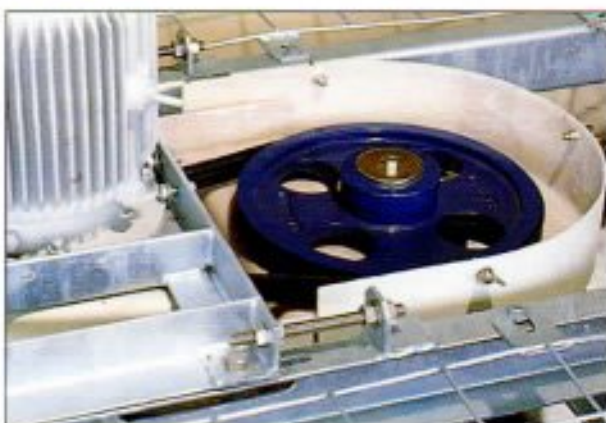
New development such as high efficiency fill type eliminator and cone shaped fan casing are built in. Combination of super low noise fan reduces an installation space and volume as well as dry & wet weight about 20% compared with previous models.

2 Built-In Piping Arrangements



"U" series cooling towers are supplied with built-in piping arrangements as standard. The result is cost-and-space saving and safety of the installation work. (Outside piping arrangements are also available.)

3 Easier Maintenance



A new speed reducer with wedge belt is compact and easy for maintenance. Also, FRP lower water basin is sloped for easy cleaning. Except direct connection motor model. (Belt cover is removed on this photo.)

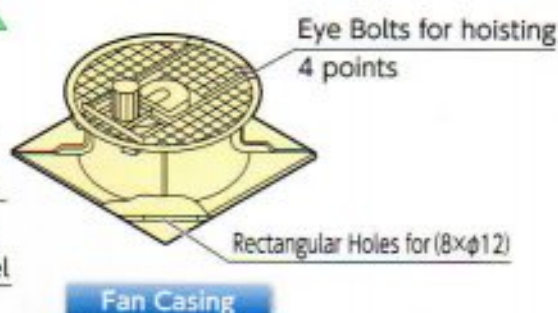
4 Reduced Installation Time



"U" series cooling towers cover the ranges from 50RT to 1000RT. Delivery can be made in complete assembled or semi-assembled unit form. The installation time at site can be greatly reduced by this method.

● Semi Assembled Unit Form (Main Body + Fan Casing)

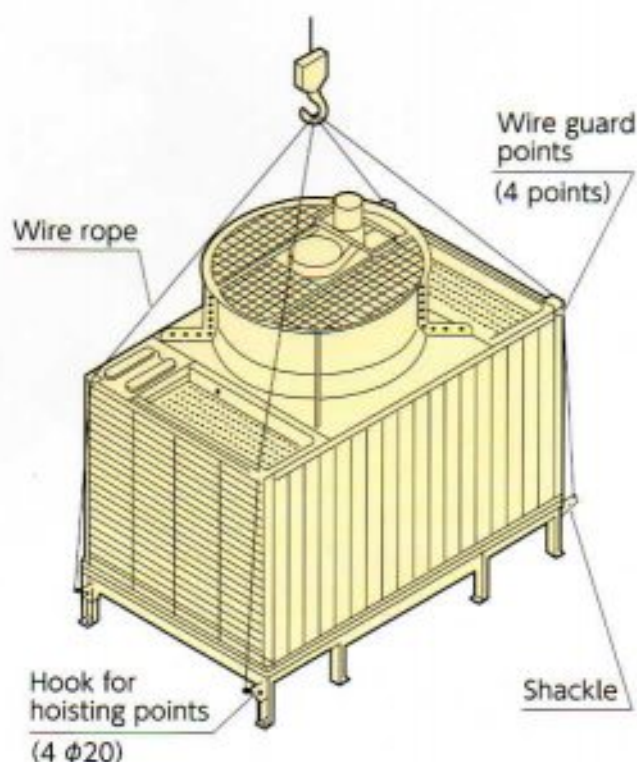
Wire Rope



Main Body and Fan casing are jointed at site.

Standard Cooling Tower

Model SDC-U For Turbo Chiller	Main Body		Fan Casing	
	Weight(kg)	Q'ty	Weight(kg)	Q'ty
-	620	1	200	1
150	620	1	200	1
-	650	1	240	1
175	650	1	240	1
-	730	1	270	1
200	730	1	270	1
-	780	1	330	1
225	780	1	330	1
250	780	1	350	1
-	620	2	200	2
300	620	2	200	2
-	650	2	240	2
350	650	2	240	2
-	730	2	270	2
400	730	2	270	2
-	780	2	330	2
450	780	2	330	2
500	780	2	350	2
-	650	3	240	3
-	730	3	270	3
600	730	3	270	3
-	780	3	330	3
-	780	3	330	3
700	780	3	350	3
-	730	4	270	4
800	730	4	270	4
-	780	4	330	4
900	780	4	330	4
1000	780	4	350	4



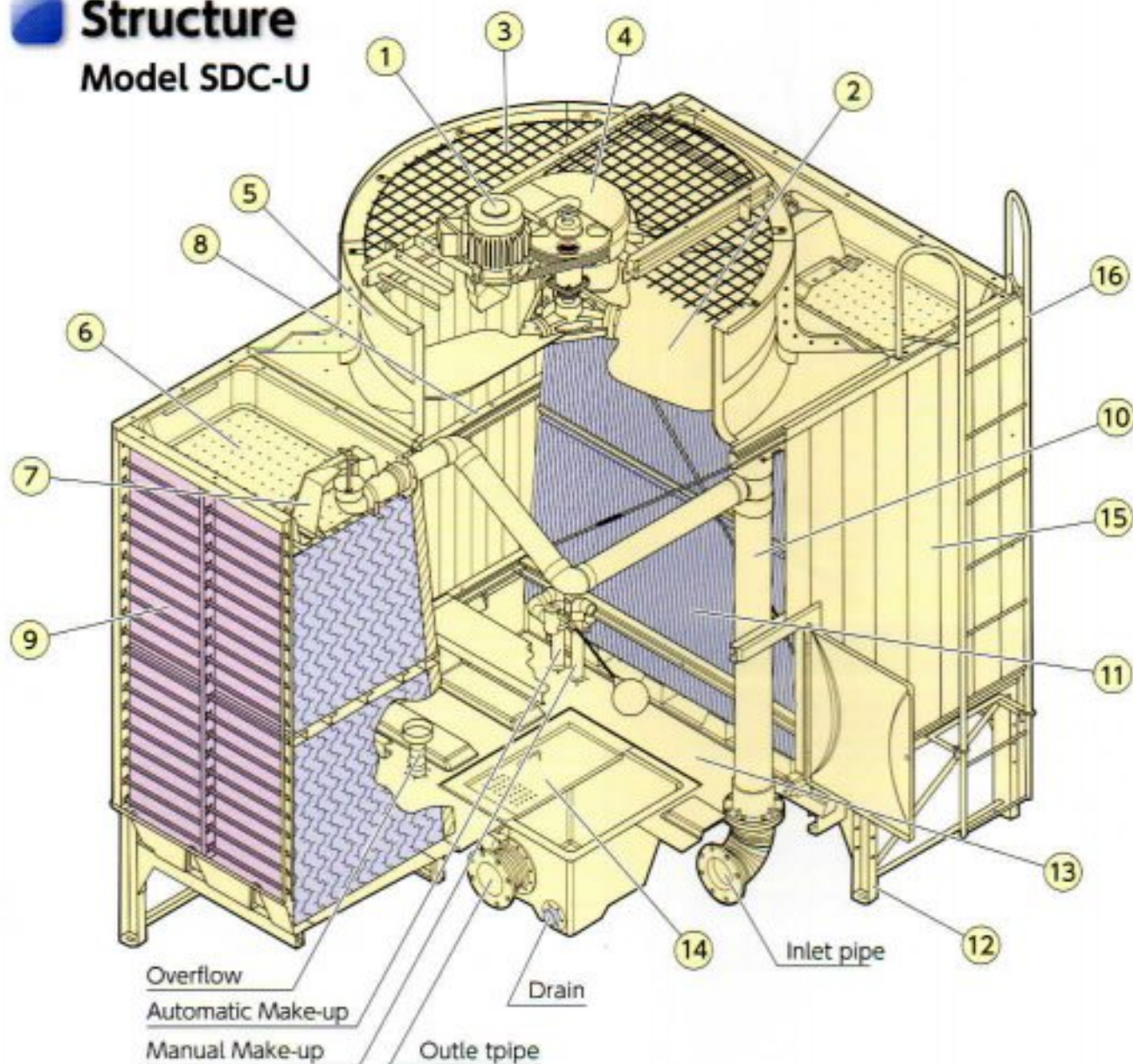
Assemble Unit Form (One Unit)

Model SDC-U for Turbo Chiller	Main Body	
	Weight(kg)	Q'ty
50	450	1
75	500	1
85	510	1
100	590	1
125	600	1

Standard Cooling Tower

Structure

Model SDC-U



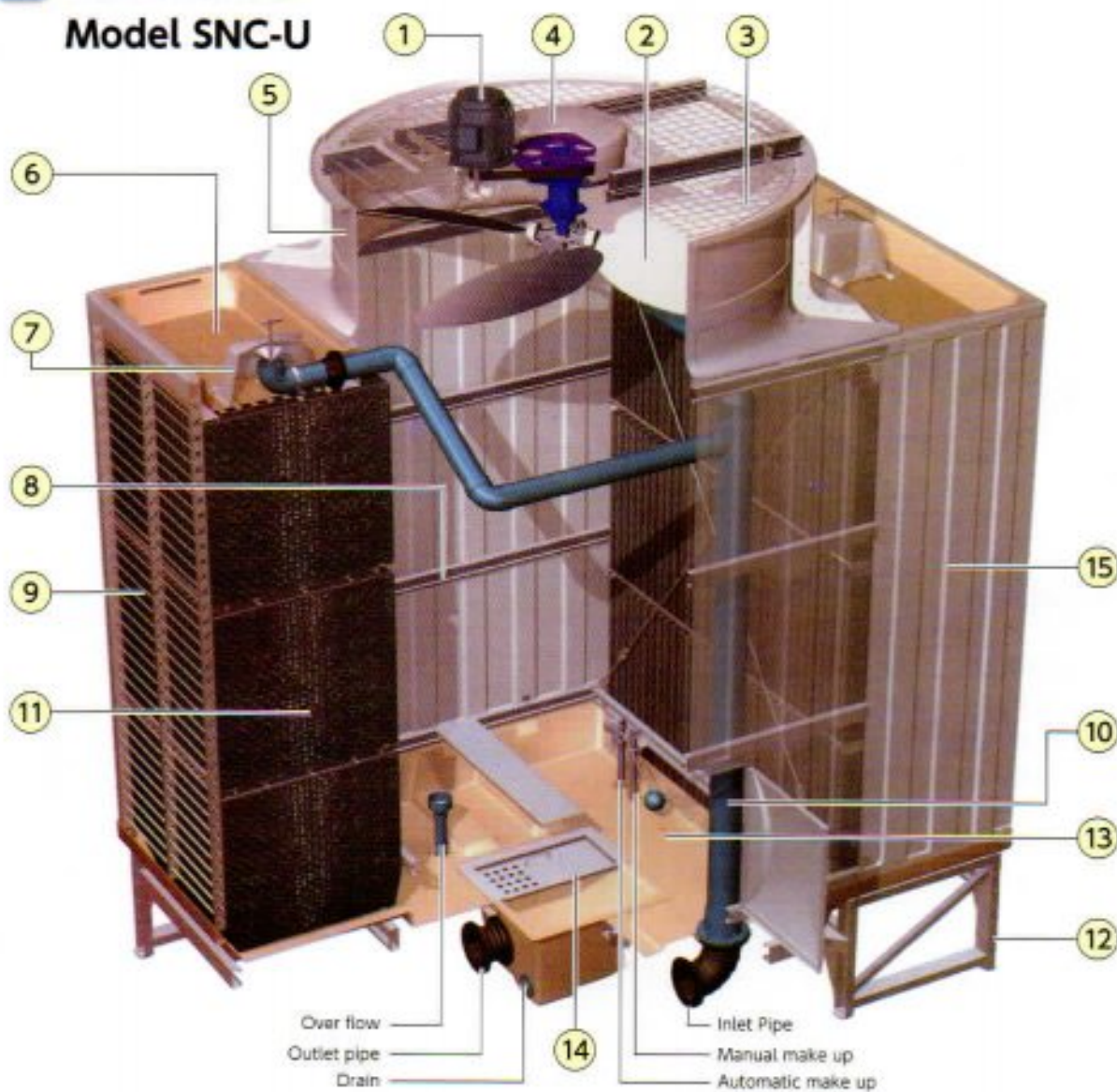
No.	Parts Name	Material	Q'ty	Remarks
1	Motor		1Pc	Total Enclosed Outdoor
2	Fan	Alum. Alloy Cast	1Set	
3	Fan Guard	H.D.G. Steel	1Set	Hot Dip Galvanized
4	Belt Cover	F.R.P.	1Set	
5	Fan Casing	F.R.P.	1Set	
6	Upper Water Basin	F.R.P.	2Pc	
7	Sprinkler Cover	F.R.P.	2Pc	With Simple Water Level Adjustment Valve
8	Frame Works	H.D.G. Steel	1Set	Hot Dip Galvanized

No.	Parts Name	Material	Q'ty	Remarks
9	Louver	P.V.C.	25Side	
10	Inlet Piping	P.V.C.	1Set	
11	Fill	P.V.C.	1Set	
12	Lower Frame	H.D.G. Steel	1Set	Hot Dip Galvanized
13	Lower Water Basin	F.R.P.	1Set	Inclined
14	Strainer	H.D.G. Steel	1Pc	Hot Dip Galvanized
15	Casing Panel	P.V.C.	25Side	
16	Ladder	H.D.G. Steel	1Pc	Hot Dip Galvanized

Standard color: Grey (mancel N-7)

Structure

Model SNC-U



No.	Parts Name	Material	Q'ty	Remarks
1	Motor		1Pc	Total Enclosed Outdoor
2	Fan	Alum. Alloy Cast	1Set	
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4	Belt Cover	F.R.P.	1Set	
5	Fan Casing	F.R.P.	1Set	
6	Upper Water Basin	F.R.P.	2Pc	
7	Sprinkler Cover	F.R.P.	2Pc	With Simple Water Level Adjustment Valve
8	Frame Works	H.D.G. Steel	1Set	Hot Dip Galvanized

No.	Parts Name	Material	Q'ty	Remarks
9	Louver	P.V.C.	2Side	
10	Inlet Piping	P.V.C.	1Set	
11	Fill	P.V.C.	1Set	
12	Lower Frame	H.D.G. Steel	1Set	Hot Dip Galvanized
13	Lower Water Basin	F.R.P.	1Set	Inclined
14	Strainer	H.D.G. Steel	1Pc	Hot Dip Galvanized
15	Casing Panel	P.V.C.	2Side	
Standard color : Grey (mancel N-7)				

Option

FRP Duct

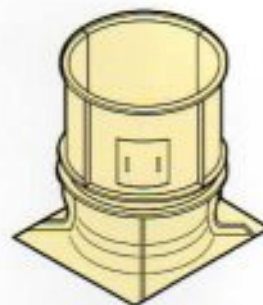
Avoid air short circuiting
Reduce noise level



90° Elbow Duct



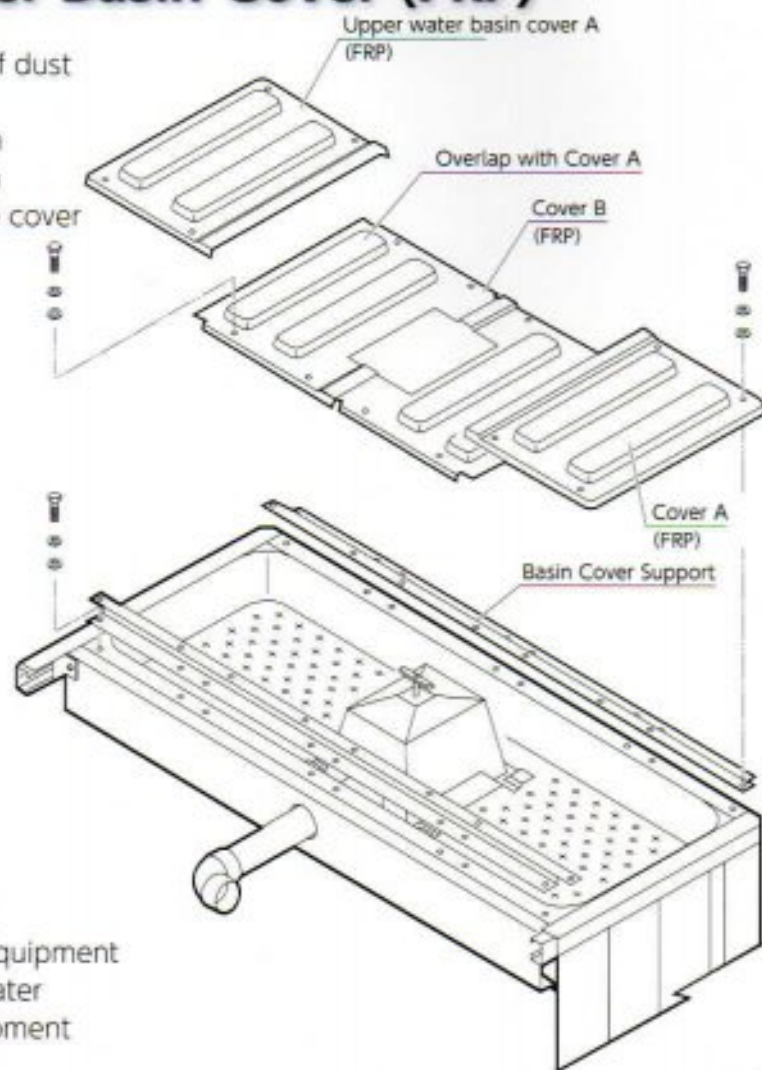
60° Elbow Duct



Straight Duct (1mH, 2mH)

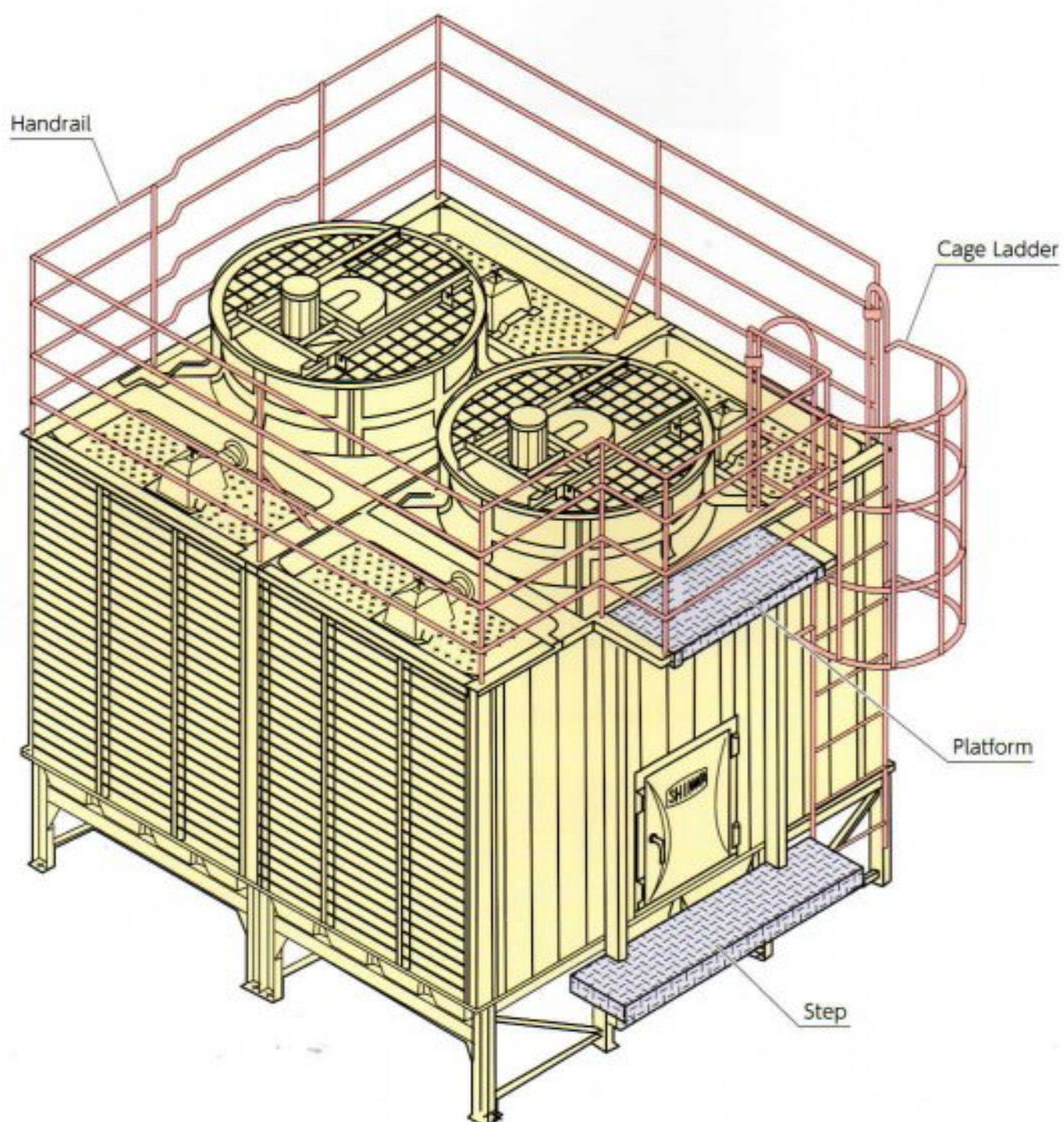
Upper Water Basin Cover (FRP)

Protect from invasion of dust
into the upper basin
Interrupt sunlight which
is causing algae growth
Possible to walk on the cover

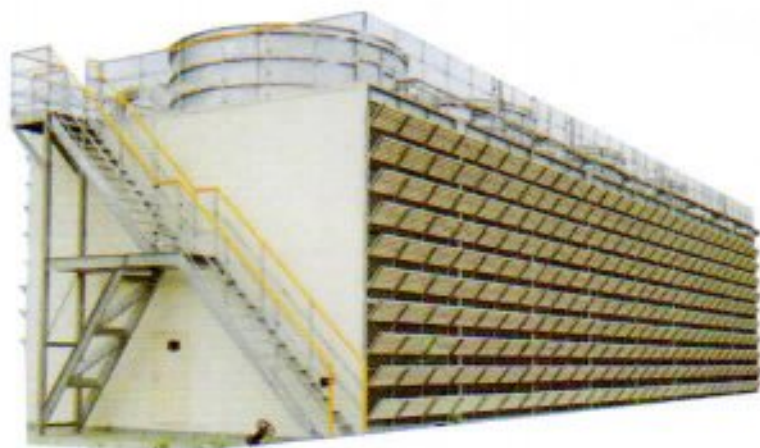


Other Option Item
Partition
High Temp Fill
Vibration Absorption Equipment
Anti-Freeze Electric Heater
Water Treatment Equipment

Handrail, Cage Ladder, Platform and Step



We give answers to any of your request with our variety of selection



Cross Flow Type (Model SLC)



Closed circuit Type (Model MXC)



Counter Flow Type (Model SCC)



Counter Flow Type (Model SBC)



Cross Flow Type (Model SNC-R)

