



KING SUN
INDUSTRY



KST-N 

COUNTERFLOW BOTTLE TYPE
COOLING TOWER



MEMBER OF THE CTI



Environmental Management
EC012



KST-N

MAIN BENEFITS

Bottle type configuration on counterflow design maximizes heat-exchanging efficiency, while minimizes acquisition cost as well as installation cost .

FEATURES

FRP Casing & Basin

Free from corrosion and rust; ensuring durable operation and long service life. High structural strength can effectively withstand high wind velocity and vibration.

Round Design

The design permits maximum air intake at whatever wind direction.

Lightweight and portable components

All the tower components are carefully designed to be small enough to either fit into an elevator or maneuvered via stairways to rooftops or plant rooms. That enables easy transportation and eliminating rigging.

Inner, Centralized Piping System

The piping and pipe connections all are centralized in water basin. That ensures ease of installation and reduction of installation cost.

Meticulously Designed and Tested Fills

The honeycomb PVC fills are corrugated by air-vacuum forming method. The fill orifices are consistent and uniform. That enables maximum airflow volume, minimizes the pressure drop through the tower, and consequently contributes to a higher heat rejection with lower power consumption.

The corrugation of the PVC fills was meticulously designed to offer maximum water/air contact time, which results in superior heat exchanging efficiency.

Mesh Type Air Intake

The plastic mesh air-intake effectively prevents foreign objects from entering into water basin, and also provides easy access to water sump for cleaning.

Louver type air intake is available for areas that experience snow fall.

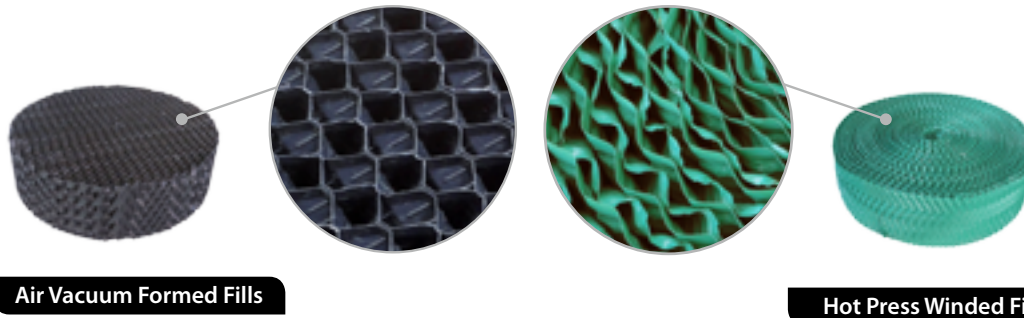
High Efficiency Drift Eliminator

Efficiently designed PVC drift eliminators can be provided upon request. The drift eliminators can limit drift loss to less than 0.005%.

KST-N Counterflow
Bottle Type Cooling
Tower



COMPARISON OF FILLS



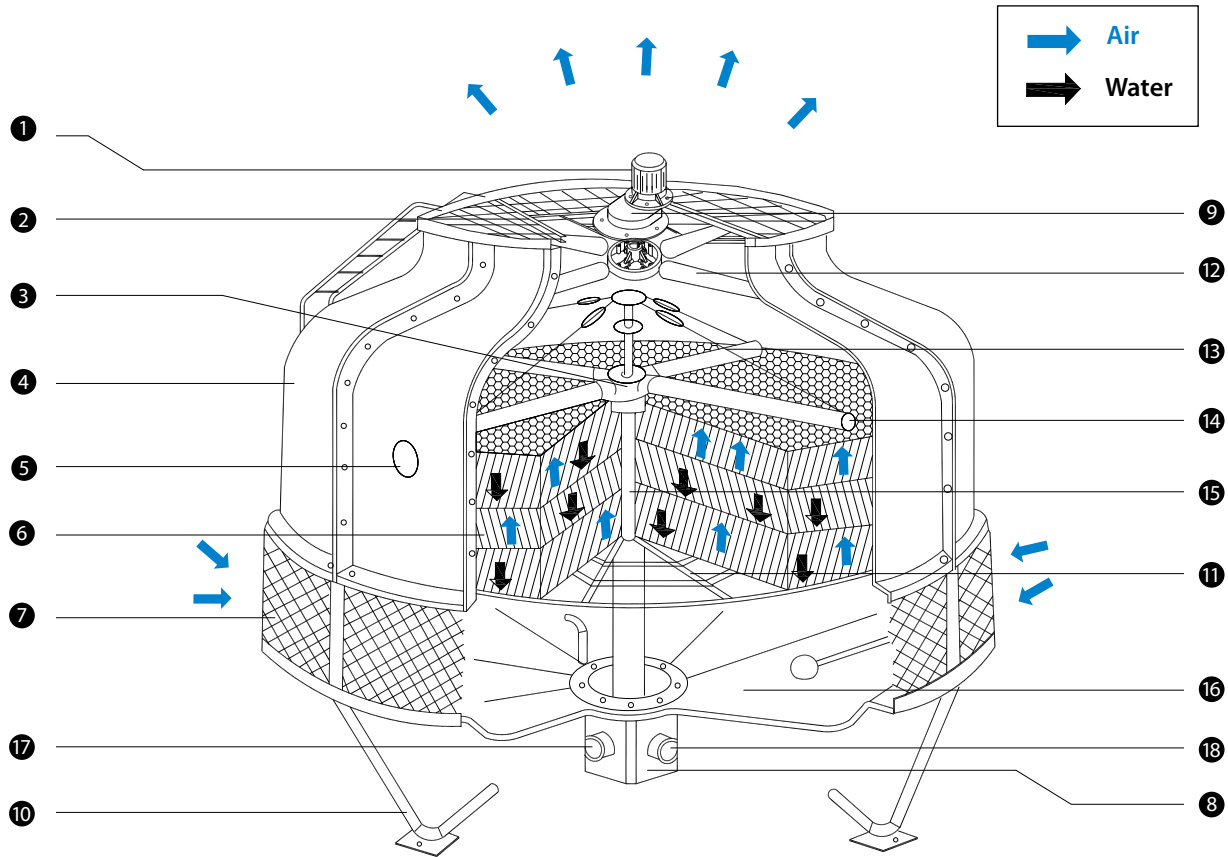
Air Vacuum Formed Fills Vs. Hot Press Winded Fills

| Item | Air Vacuum Formed Fills | Hot Press Winded Fills |
|--------------------------|---|--|
| Power Consumption | The fill orifices are uniform. That allows a well distributed air flow pattern and maximizes the internal airflow volume through the fill while minimizing the pressure drop. All that contribute to a lower overall power consumption of the tower. | The fill orifices are inconsistent, so more energy is required in order to achieve the design air flow volume through the tower. |
| Efficiency | The uniform orifices offer a larger heat transfer surface area, creating maximum water dispersion and leading to higher cooling efficiency. The heat exchanging efficiency is 20% higher than traditional hot press winded fills. | The inconsistency of the orifices largely reduces the heat transfer surface area of the fill. That consequently decreases the cooling efficiency of the tower. |
| Service Life | Air vacuum forming softens the PVC sheets thoroughly before shaping the individual profile sections. The process will not affect the inner stress integrity of thie PVC sheets or destroy their crystal structure. That ensures an extended service life of the fill. | Hot press forming only softens the PVC sheets slightly and shapes them by force. That will cause the inner stress congregation of the PVC sheets and destroy their crystal strcuture. As a result, the PVC sheets become brittle and the service life of the fill becomes shorter. |



KST-N

STRUCTURAL DRAWING



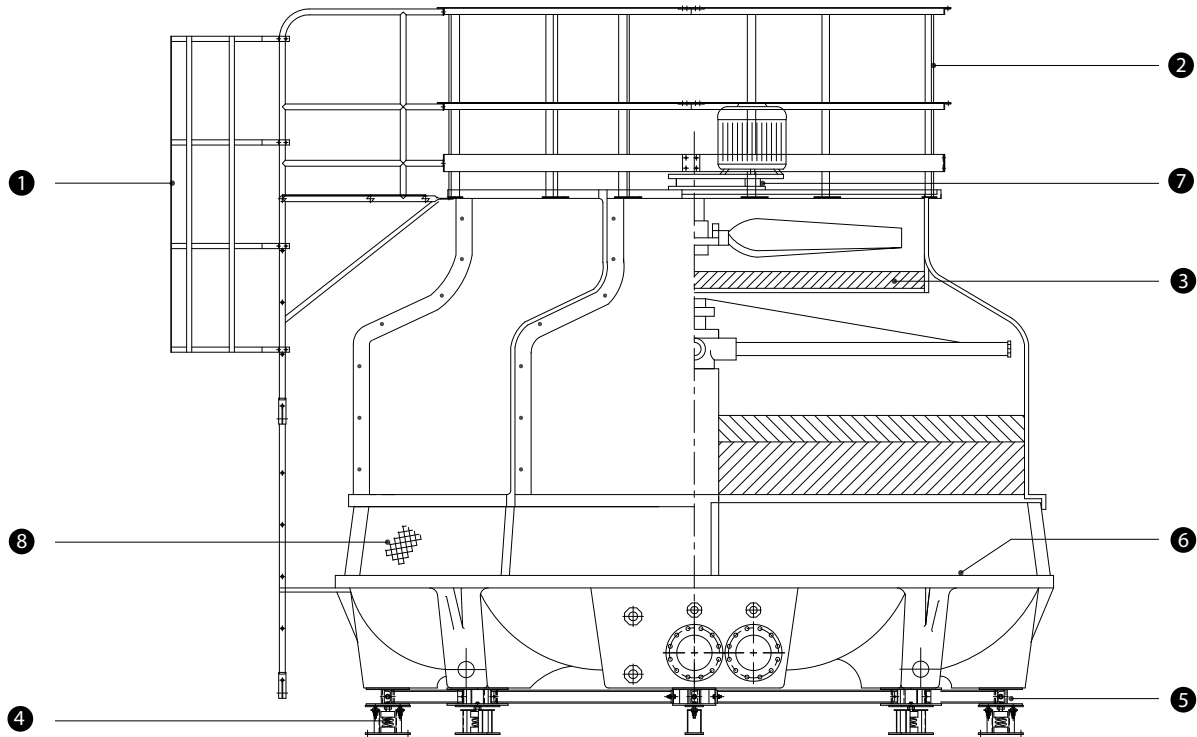
Parts & Standard Materials

| No. | Parts | Material |
|-----|---|--------------------------|
| 1 | Motor | 50Hz / 60Hz |
| 2 | Motor support | H.D.G. steel |
| 3 | Sprinkler head | A.B.S. / Aluminium Alloy |
| 4 | Casing | F.R.P. |
| 5 | Inspection hole | P.V.C. |
| 6 | Fill | P.V.C. |
| 7 | Air intake- mesh type | P.V.C. |
| 8 | Water Sump from 350RT ~ 1500RT | F.R.P. |
| 9 | Direct driving system from 3RT ~ 200RT | |
| | Gear reducer from 225RT ~ 1500RT | 50Hz / 60Hz |

| No. | Parts | Material |
|-----|--------------------------------------|-----------------------------------|
| 10 | Tower support from 3RT ~ 300RT | F.R.P. |
| | Tower support from 350RT ~ 1500RT | H.D.G. Steel |
| 11 | Fill support | H.D.G. Steel |
| 12 | Fan assembly | A.B.S. /F.R.P. Aluminium Alloy |
| 13 | Tension device set | H.D.G. Steel |
| 14 | Sprinkler pipes | P.V.C. |
| 15 | Standpipe | P.V.C. |
| 16 | Water basin | F.R.P. |
| 17 | Water inlet | F.R.P. / Aluminium Alloy |
| 18 | Water outlet | F.R.P. / Aluminium Alloy |

KST-N

OPTIONAL PARTS AND MATERIALS



KST-N Counterflow Bottle Type Cooling Tower

| No. | Part Name | Standard material | Other material |
|-----|-------------------------------|-------------------|----------------|
| 1 | Ladder cage | H.D.G. Steel | SUS304, SUS316 |
| 2 | Safety handrail | H.D.G. Steel | SUS304, SUS316 |
| 3 | Drift eliminator | P.V.C. | C.P.V.C |
| 4 | Spring isolator | H.D.G. Steel | SUS304 |
| 5 | Spring isolator support | H.D.G. Steel | SUS304 |
| 6 | Silent mat | NYLON | |
| 7 | Belt reducer (225RT ~ 1500RT) | 50Hz / 60Hz | |
| 8 | Air intake- louver type | FRP | |

H.D.G.Steel Hot Dip Galvanized Steel
SUS304 Stainless steel Grade 304
SUS316 Stainless steel Grade 316

P.V.C. Polyvinyl Chloride
F.R.P Fiberglass Reinforced Plastics



KST-N

SELECTION TABLE

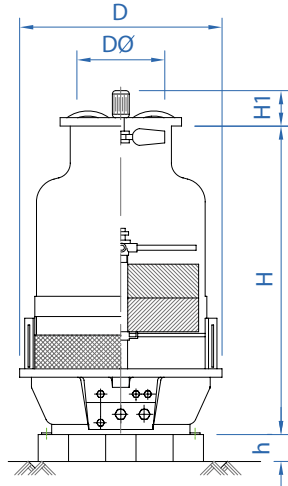
| Type | Normal Temperature Type | | | | | | | | Medium Temperature Type | | High Temperature Type | | |
|-------|-------------------------|-------|--------|-------|--------|-------|--------|-------|-------------------------|-------|-----------------------|--------|--------|
| | Wet Bulb Temperature | | 27(°C) | | 28(°C) | | 29(°C) | | 30(°C) | | 27(°C) | 28(°C) | 27(°C) |
| Model | I/min °C | 37°C | 37.5°C | 37°C | 37.5°C | 37°C | 37.5°C | 38°C | 38.5°C | 42°C | 42°C | 60°C | 60°C |
| | | 32°C | 32°C | 32°C | 32°C | 32°C | 32°C | 33°C | 33°C | 32°C | 32°C | 35°C | 35°C |
| 3 | | 39 | 36 | 33 | 30 | 26 | 24 | 28 | 26 | 23 | 20 | 23 | 20 |
| 5 | | 65 | 60 | 55 | 50 | 43 | 41 | 46 | 43 | 39 | 32 | 39 | 36 |
| 8 | | 104 | 95 | 88 | 80 | 70 | 66 | 76 | 70 | 63 | 55 | 63 | 60 |
| 10 | | 130 | 120 | 100 | 95 | 88 | 82 | 95 | 88 | 78 | 68 | 78 | 75 |
| 15 | | 195 | 180 | 152 | 148 | 133 | 123 | 142 | 133 | 118 | 100 | 118 | 110 |
| 20 | | 260 | 240 | 220 | 200 | 177 | 165 | 190 | 177 | 157 | 135 | 157 | 145 |
| 25 | | 325 | 300 | 275 | 255 | 220 | 210 | 240 | 220 | 196 | 170 | 196 | 185 |
| 30 | | 390 | 360 | 330 | 305 | 270 | 250 | 290 | 266 | 240 | 205 | 240 | 230 |
| 40 | | 520 | 480 | 440 | 415 | 375 | 355 | 395 | 375 | 340 | 300 | 340 | 330 |
| 50 | | 650 | 600 | 550 | 530 | 470 | 440 | 500 | 470 | 400 | 370 | 400 | 390 |
| 60 | | 780 | 720 | 660 | 615 | 560 | 520 | 590 | 560 | 480 | 450 | 520 | 490 |
| 70 | | 910 | 840 | 770 | 740 | 660 | 620 | 700 | 660 | 580 | 530 | 600 | 570 |
| 80 | | 1040 | 962 | 892 | 826 | 733 | 700 | 788 | 743 | 655 | 570 | 660 | 610 |
| 100 | | 1300 | 1210 | 1120 | 1025 | 925 | 829 | 937 | 877 | 830 | 729 | 870 | 750 |
| 125 | | 1625 | 1513 | 1398 | 1304 | 1152 | 1104 | 1237 | 1166 | 1034 | 940 | 1070 | 1000 |
| 150 | | 1950 | 1814 | 1680 | 1563 | 1391 | 1330 | 1495 | 1415 | 1251 | 1093 | 1260 | 1190 |
| 175 | | 2275 | 2108 | 1963 | 1837 | 1624 | 1541 | 1728 | 1634 | 1460 | 1310 | 1510 | 1430 |
| 200 | | 2600 | 2419 | 2241 | 2114 | 1849 | 1786 | 1990 | 1895 | 1659 | 1456 | 1760 | 1660 |
| 225 | | 2925 | 2736 | 2514 | 2380 | 2100 | 1990 | 2220 | 2090 | 1890 | 1680 | 1950 | 1830 |
| 250 | | 3250 | 2995 | 2791 | 2610 | 2330 | 2180 | 2480 | 2310 | 2090 | 1860 | 2140 | 2040 |
| 300 | | 3900 | 3634 | 3355 | 3135 | 2810 | 2605 | 2910 | 2760 | 2488 | 2220 | 2520 | 2395 |
| 350 | | 4550 | 4223 | 3932 | 3696 | 3330 | 3130 | 3486 | 3293 | 2952 | 2615 | 3050 | 2890 |
| 400 | | 5200 | 4832 | 4490 | 4250 | 3800 | 3518 | 3960 | 3748 | 3350 | 2992 | 3450 | 3220 |
| 500 | | 6500 | 6100 | 5660 | 5330 | 4788 | 4520 | 5023 | 4780 | 4356 | 3880 | 4440 | 4230 |
| 600 | | 7800 | 7280 | 6749 | 6340 | 5613 | 5330 | 5960 | 5650 | 5100 | 4550 | 5250 | 4950 |
| 700 | | 9100 | 8470 | 7965 | 7350 | 6725 | 6300 | 7000 | 6660 | 6127 | 5482 | 6220 | 5930 |
| 800 | | 10400 | 9710 | 8984 | 8520 | 7650 | 7270 | 8090 | 7680 | 7000 | 6280 | 7270 | 6930 |
| 1000 | | 13000 | 12180 | 11430 | 10710 | 9756 | 9200 | 10100 | 9700 | 8965 | 8050 | 9250 | 8840 |
| 1250 | | 16250 | 15350 | 14300 | 13550 | 12250 | 11700 | 12900 | 12250 | 11300 | 10300 | 12000 | 11400 |
| 1500 | | 19500 | 18420 | 17160 | 16260 | 14700 | 14050 | 15480 | 14700 | 13600 | 12200 | 14200 | 13200 |

- 1 Please verify the wet bulb temperature at the geographical location where the tower is to be installed before consulting the Selection Table.
- 2 Should the design temperature condition not be within the selection temperature range of the table, please contact your King Sun representative.
- 3 In order to select the cooling tower model no., the data below are necessary:
 - Water flow rate... LPM, GPM, m³/hr
 - Entering temperature... water temperature into the tower
 - Leaving temperature... water temperature required out of the tower
 - WBT... wet bulb temperature

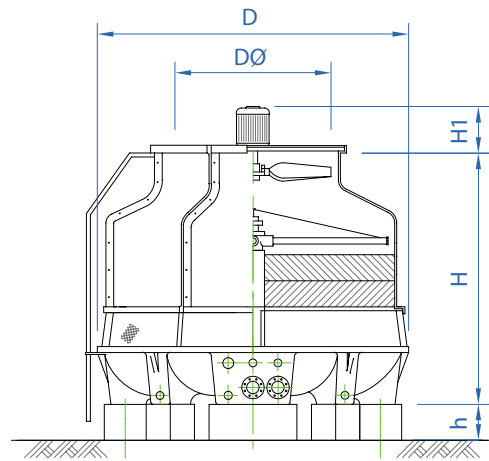
KST-N

SPECIFICATIONS

KST-N-3~20RT



KST-N-25~300RT



| Model KST-N | Heat duty | Water flow | Dimension m/m | | | Motor | | Fan | Head | Dry weight | Operating weight |
|----------------|-----------|------------|---------------|-----|------|-------|------|-------|------|------------|------------------|
| | kcal/h | l/min | H | H1 | D | HP | kW | Dφm/m | m | kg | kg |
| 3 | 11700 | 39 | 1318 | 175 | 750 | 1/6 | 0.12 | 500 | 1.3 | 30 | 75 |
| 5 | 19500 | 65 | 1318 | 175 | 750 | 1/6 | 0.12 | 500 | 1.5 | 35 | 85 |
| 8 | 32100 | 104 | 1563 | 175 | 860 | 1/6 | 0.12 | 500 | 1.5 | 41 | 120 |
| 10 | 39000 | 130 | 1563 | 178 | 860 | 1/4 | 0.18 | 500 | 1.7 | 45 | 130 |
| 15 | 58500 | 195 | 1773 | 178 | 1165 | 1/4 | 0.18 | 600 | 1.7 | 66 | 210 |
| 20 | 78000 | 260 | 1773 | 193 | 1165 | 1/2 | 0.37 | 600 | 1.8 | 90 | 260 |
| 25 | 97500 | 325 | 1795 | 231 | 1440 | 1 | 0.75 | 700 | 1.8 | 137 | 505 |
| 30 | 117000 | 390 | 1795 | 231 | 1440 | 1 | 0.75 | 700 | 2.0 | 144 | 522 |
| 40 | 156000 | 520 | 1775 | 231 | 1560 | 1 | 0.75 | 700 | 2.0 | 185 | 577 |
| 50 | 195000 | 650 | 1845 | 263 | 1800 | 2 | 1.5 | 900 | 2.0 | 228 | 650 |
| 60 | 234000 | 780 | 1845 | 263 | 1800 | 2 | 1.5 | 900 | 2.0 | 277 | 719 |
| 70 | 273000 | 910 | 2140 | 320 | 1900 | 2 | 1.5 | 1200 | 2.0 | 337 | 798 |
| 80 | 312000 | 1040 | 1980 | 320 | 2140 | 2 | 1.5 | 1200 | 2.0 | 352 | 982 |
| 100 | 390000 | 1300 | 2365 | 320 | 2410 | 3 | 2.2 | 1500 | 2.5 | 474 | 1205 |
| 125 | 487500 | 1625 | 2330 | 320 | 2730 | 3 | 2.2 | 1500 | 3.0 | 524 | 1336 |

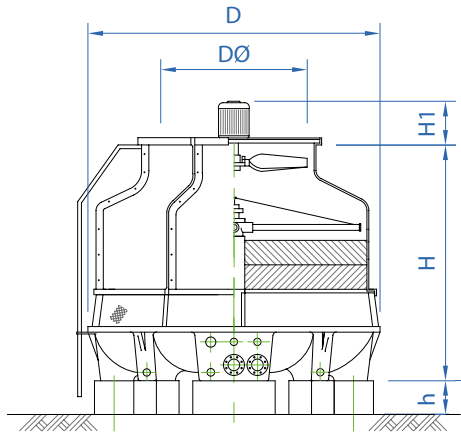
1 The normal cooling capacity of KST-N towers was based on 37°C HWT, 32°C CWT, 27°C WBT and 13LPM per ton.

2 The water flow rate (LPM) on the table was based on temperature condition: 37°C-32°C-27°C.

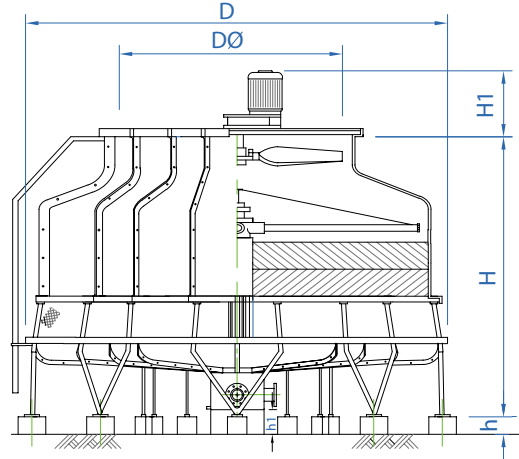


KST-N SPECIFICATIONS

KST-N-25~300RT



KST-N-350~1500RT

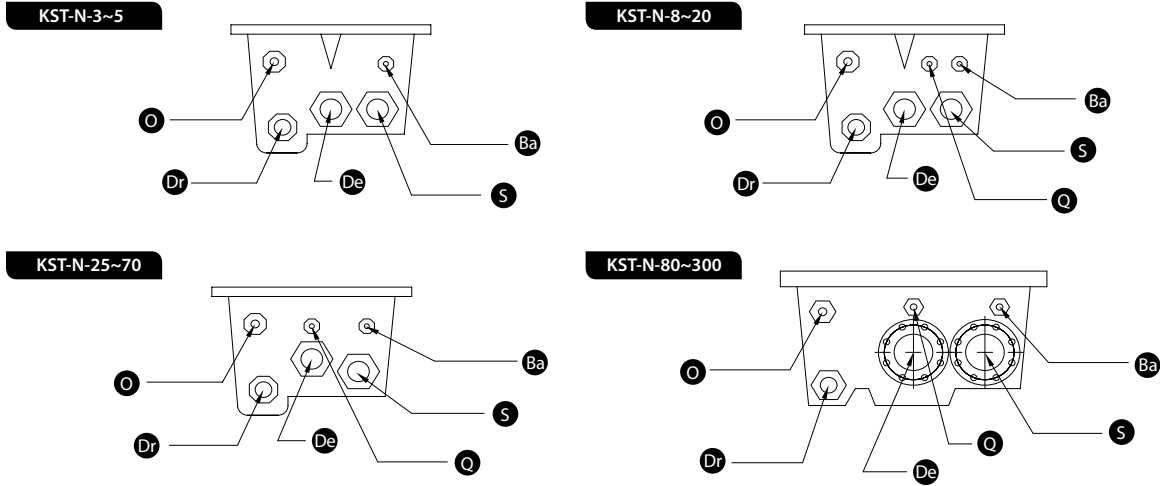


| Model KST-N | Heat duty | Water flow | Dimension m/m | | | Motor | | Fan | Head | Dry weight | Operating weight |
|----------------|-----------|------------|---------------|-----|------|-------|-----|-------|------|------------|------------------|
| | kcal/h | l/min | H | H1 | D | HP | kW | Dφm/m | m | kg | kg |
| 150 | 585000 | 1950 | 2465 | 499 | 3050 | 5 | 3.7 | 1800 | 3.0 | 702 | 3212 |
| 175 | 682500 | 2275 | 2465 | 499 | 3050 | 5 | 3.7 | 1800 | 3.1 | 855 | 3415 |
| 200 | 780000 | 2600 | 2450 | 499 | 3280 | 5 | 3.7 | 1800 | 3.3 | 937 | 3570 |
| 225 | 877500 | 2925 | 2405 | 513 | 3280 | 7 1/2 | 5.5 | 2400 | 3.3 | 1022 | 3661 |
| 250 | 975000 | 3250 | 2740 | 513 | 3760 | 7 1/2 | 5.5 | 2400 | 3.6 | 1172 | 3885 |
| 300 | 1170000 | 3900 | 2835 | 551 | 4160 | 10 | 7.5 | 2400 | 3.6 | 1331 | 4125 |
| 350 | 1365000 | 4550 | 3370 | 551 | 4600 | 10 | 7.5 | 2400 | 4.1 | 1560 | 5690 |
| 400 | 1560000 | 5200 | 3375 | 668 | 4600 | 15 | 11 | 3000 | 4.3 | 1902 | 6145 |
| 500 | 1950000 | 6500 | 4264 | 668 | 4870 | 15 | 11 | 3000 | 4.4 | 2165 | 6837 |
| 600 | 2340000 | 7800 | 3990 | 712 | 5580 | 20 | 15 | 3400 | 5.1 | 2909 | 8052 |
| 700 | 2730000 | 9100 | 4200 | 712 | 6550 | 20 | 15 | 3400 | 5.1 | 3411 | 11734 |
| 800 | 3120000 | 10400 | 4200 | 767 | 6550 | 30 | 22 | 3400 | 5.8 | 3963 | 12690 |
| 1000 | 3900000 | 13000 | 4935 | 767 | 6550 | 30 | 22 | 3600 | 6.1 | 4512 | 13465 |
| 1250 | 4875000 | 16250 | 5315 | 767 | 7600 | 40 | 30 | 4200 | 6.3 | 4650 | 14500 |
| 1500 | 5850000 | 19500 | 5605 | 994 | 8430 | 50 | 37 | 4200 | 6.5 | 5500 | 21500 |

1 The normal cooling capacity of KST-N towers was based on 37°C HWT, 32°C CWT, 27°C WBT and 13LPM per ton.
 2 The water flow rate (LPM) on the table was based on temperature condition: 37°C-32°C-27°C.

KST-N

PIPE CONNECTION DETAILS



| RT | Inlet De | Outlet S | Automatic Ba | Quick Q | Over flow O | Drain Dr |
|-----|-------------|-------------|-----------------|------------|----------------|-------------|
| 3 | 1 1/2"(40A) | 1 1/2"(40A) | 1/4"(15A) | ---- | 1"(25A) | 1"(25A) |
| 5 | 1 1/2"(40A) | 1 1/2"(40A) | 1/4"(15A) | ---- | 1"(25A) | 1"(25A) |
| 8 | 1 1/2"(40A) | 1 1/2"(40A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 1"(25A) |
| 10 | 1 1/2"(40A) | 1 1/2"(40A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 1"(25A) |
| 15 | 2"(50A) | 2"(50A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 1"(25A) |
| 20 | 2"(50A) | 2"(50A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 1"(25A) |
| 25 | 2 1/2"(65A) | 2 1/2"(65A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 2"(50A) |
| 30 | 2 1/2"(65A) | 2 1/2"(65A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 2"(50A) |
| 40 | 2 1/2"(65A) | 2 1/2"(65A) | 1/4"(15A) | 1/4"(15A) | 1"(25A) | 2"(50A) |
| 50 | 3"(80A) | 3"(80A) | 3/4"(20A) | 3/4"(20A) | 1"(25A) | 2"(50A) |
| 60 | 3"(80A) | 3"(80A) | 3/4"(20A) | 3/4"(20A) | 1"(25A) | 2"(50A) |
| 70 | 4"(100A) | 4"(100A) | 3/4"(20A) | 3/4"(20A) | 1"(25A) | 2"(50A) |
| 80 | 4"(100A) | 4"(100A) | 3/4"(20A) | 3/4"(20A) | 1"(25A) | 2"(50A) |
| 100 | 5"(125A) | 5"(125A) | 1"(25A) | 1"(25A) | 1"(25A) | 2"(50A) |
| 125 | 5"(125A) | 5"(125A) | 1"(25A) | 1"(25A) | 1"(25A) | 2"(50A) |

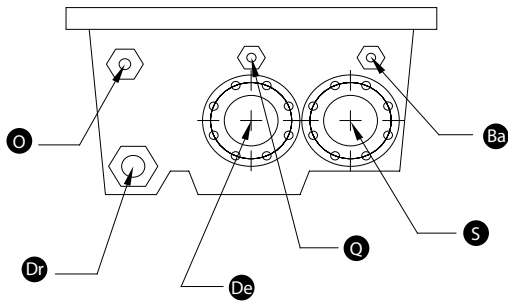
- 1 If there's a need for equalization connection, please contact your King Sun representative.
- 2 For high temperature applications, there may possibly exist a need to modify the pipe diameters on the water inlet and water outlet. For this type of application, please contact your King Sun representative for advice.



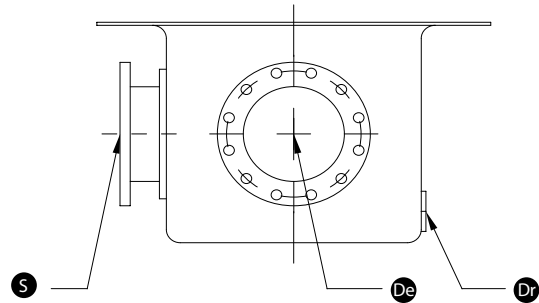
KST-N

PIPE CONNECTION DETAILS

KST-N-80~300



KST-N-350~1500

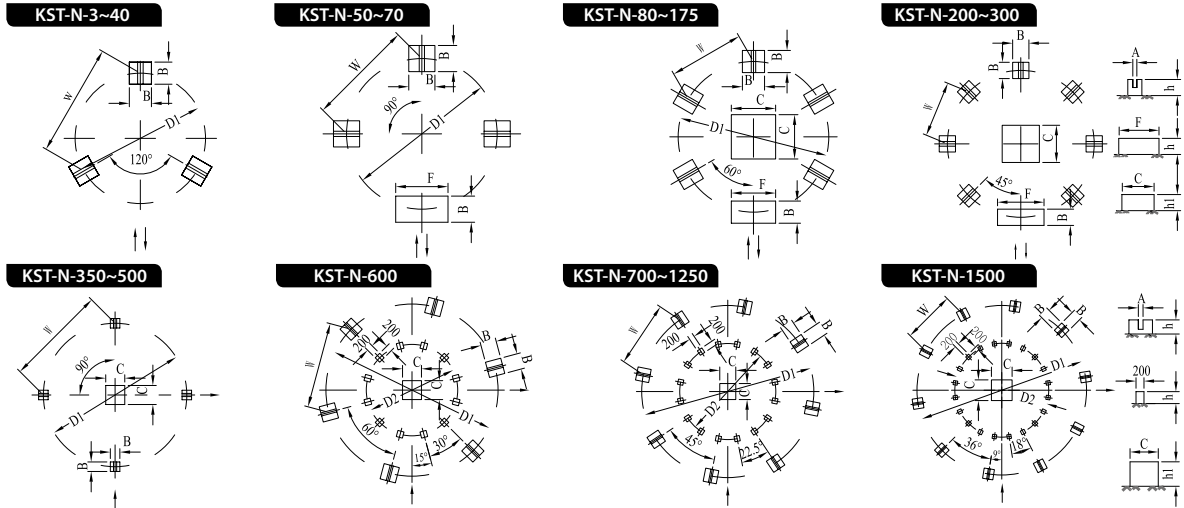


| RT | Inlet De | Outlet S | Automatic Ba | Quick Q | Over flow O | Drain Dr |
|------|-----------|-----------|--------------|-------------|-------------|-------------|
| 150 | 5"(125A) | 5"(125A) | 1"(25A) | 1"(25A) | 2"(50A) | 2"(50A) |
| 175 | 5"(125A) | 5"(125A) | 1"(25A) | 1"(25A) | 2"(50A) | 2"(50A) |
| 200 | 6"(150A) | 6"(150A) | 1 1/4"(32A) | 1 1/4"(32A) | 2"(50A) | 2"(50A) |
| 225 | 6"(150A) | 6"(150A) | 1 1/4"(32A) | 1 1/4"(32A) | 2"(50A) | 2"(50A) |
| 250 | 8"(200A) | 8"(200A) | 1 1/4"(32A) | 1 1/4"(32A) | 2"(50A) | 2"(50A) |
| 300 | 8"(200A) | 8"(200A) | 1 1/4"(32A) | 1 1/4"(32A) | 2"(50A) | 2"(50A) |
| 350 | 8"(200A) | 8"(200A) | 1 1/4"(32A) | 1 1/4"(32A) | 3"(80A) | 2"(50A) |
| 400 | 8"(200A) | 8"(200A) | 1 1/4"(32A) | 1 1/4"(32A) | 3"(80A) | 2"(50A) |
| 500 | 10"(250A) | 10"(250A) | 1 1/2"(40A) | 1 1/2"(40A) | 3"(80A) | 2"(50A) |
| 600 | 10"(250A) | 10"(250A) | 1 1/2"(40A) | 1 1/2"(40A) | 3"(80A) | 2"(50A) |
| 700 | 10"(250A) | 10"(250A) | 2"(50A) | 2"(50A) | 4"(100A) | 2"(50A) |
| 800 | 12"(300A) | 12"(300A) | 2"(50A) | 2"(50A) | 4"(100A) | 2"(50A) |
| 1000 | 12"(300A) | 12"(300A) | 2"(50A) | 2"(50A) | 4"(100A) | 2"(50A) |
| 1250 | 12"(300A) | 12"(300A) | 2 1/2"(65A) | 2 1/2"(65A) | 4"(100A) | 2 1/2"(65A) |
| 1500 | 12"(300A) | 12"(300A) | 2 1/2"(65A) | 2 1/2"(65A) | 4"(100A) | 2 1/2"(65A) |

- 1 If there's a need for equalization connection, please contact your King Sun representative.
- 2 For high temperature applications, there may possibly exist a need to modify the pipe diameters on the water inlet and water outlet. For this type of application, please contact your King Sun representative for advice.

KST-N

FOUNDATION DETAILS



| Model KST-N | D1 | W | D2 | A | B | C | h | h1 | F | Anchor Bolt | | |
|----------------|------|------|------|-----|-----|------|-----|-----|------|-------------|--------|----------|
| | | | | | | | | | | Size | Length | Quantity |
| 3 | 560 | 485 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 5 | 560 | 485 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 8 | 660 | 572 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 10 | 660 | 572 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 15 | 956 | 828 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 20 | 956 | 828 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 25 | 1116 | 966 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 30 | 1116 | 966 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 40 | 1180 | 1022 | | 50 | 200 | | 150 | | | M12 | 120 | 3 |
| 50 | 1418 | 1003 | | 50 | 250 | | 200 | | 500 | M12 | 120 | 3 |
| 60 | 1418 | 1003 | | 50 | 250 | | 200 | | 500 | M12 | 120 | 3 |
| 70 | 1440 | 1018 | | 50 | 250 | | 200 | | 500 | M12 | 120 | 3 |
| 80 | 1700 | 850 | | 50 | 250 | 500 | 200 | | 500 | M12 | 120 | 5 |
| 100 | 2100 | 1050 | | 50 | 300 | 500 | 300 | | 1000 | M16 | 200 | 5 |
| 125 | 2120 | 1060 | | 50 | 300 | 500 | 300 | | 1000 | M16 | 200 | 5 |
| 150 | 2464 | 1232 | | 50 | 300 | 600 | 300 | | 900 | M16 | 200 | 5 |
| 175 | 2464 | 1232 | | 50 | 300 | 600 | 300 | | 900 | M16 | 200 | 7 |
| 200 | 2690 | 1029 | | 50 | 300 | 600 | 300 | 300 | 900 | M16 | 200 | 7 |
| 225 | 2690 | 1029 | | 50 | 300 | 600 | 300 | 300 | 900 | M16 | 200 | 7 |
| 250 | 3160 | 1209 | | 100 | 350 | 800 | 400 | 400 | 1000 | M16 | 200 | 7 |
| 300 | 3550 | 1358 | | 100 | 350 | 800 | 400 | 400 | 1000 | M16 | 200 | 7 |
| 350 | 4520 | 3196 | | 100 | 300 | 600 | 300 | 380 | | M16 | 200 | 8 |
| 400 | 4520 | 3196 | | 100 | 300 | 600 | 300 | 380 | | M16 | 200 | 8 |
| 500 | 4740 | 3352 | | 100 | 300 | 600 | 300 | 380 | | M16 | 200 | 8 |
| 600 | 5460 | 2730 | 2900 | 100 | 500 | 600 | 300 | 520 | | M20 | 200 | 12 |
| 700 | 6450 | 2468 | 3600 | 100 | 500 | 600 | 300 | 380 | | M20 | 200 | 16 |
| 800 | 6450 | 2468 | 3600 | 100 | 500 | 600 | 300 | 380 | | M20 | 200 | 16 |
| 1000 | 6450 | 2468 | 3600 | 100 | 500 | 600 | 300 | 380 | | M20 | 200 | 16 |
| 1250 | 7630 | 2920 | 4155 | 100 | 500 | 900 | 300 | 380 | | M20 | 200 | 16 |
| 1500 | 8200 | 2534 | 4540 | 100 | 500 | 1000 | 300 | 580 | | M20 | 200 | 20 |

In the event that spring mount vibration isolators are to be used, the foundation detail would need to be modified. For this type of application, please contact your King Sun representative for advice.



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HEADQUARTERS

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