



# SHELL & TUBE HEAT EXCHANGER

Y E A R 2 0 2 6



With over three decades of dedicated expertise in the HVAC industry, RVG HVAC Solutions stands as a trusted name in the manufacturing and supply of critical HVAC components. Headquartered in Anji City, Zhejiang Province — one of the world's most prominent HVAC manufacturing hubs — RVG is strategically positioned at the heart of a region that has shaped the global HVAC supply chain for decades.

RVG is an initiative of the Mammoth China team — the China operations of Mammoth, a globally renowned US-origin HVAC package product manufacturer with a strong presence in both the US and China. While Mammoth focuses on complete HVAC packaged systems, RVG was purpose-built to address a different, equally critical need: dedicated manufacturing and supply of HVAC components and parts to serve growing manufacturing destinations across the globe. This gives RVG the backing of Mammoth's engineering heritage and quality systems, while allowing it to operate with the focus and agility of a specialized parts manufacturer.

RVG's approach blends in-house manufacturing with a carefully curated network of reliable technology partners, giving customers access to a comprehensive range of HVAC components and energy-efficient solutions. Every product reflects a deep commitment to engineering precision, rigorous quality assurance, and robust supply chain management — capabilities honed over 30+ years of combined industry experience.

Today, as manufacturing destinations expand across Asia, the Middle East, Africa, and beyond, RVG is purpose-built to serve this growth. Backed by Mammoth's global brand legacy and a sharp focus on HVAC parts, RVG delivers dependable, eco-friendly component solutions that meet the evolving needs of modern industry — wherever the world's next manufacturing hub emerges.





## RELIABILITY

We are committed to delivering high-quality, certified, and dependable HVAC components that customers can trust for every project.

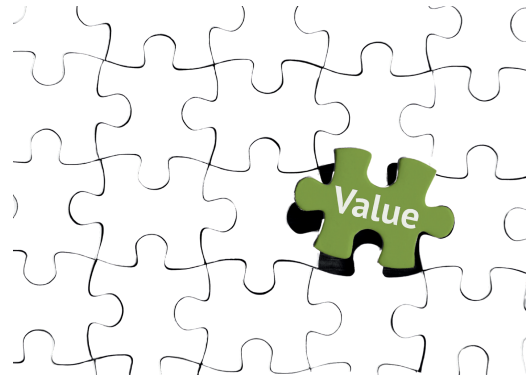
- Manufactured to international standards: ISO, CE, AHRI, EN, RoHS
- Backed by proven technology partners alongside in-house engineering
- Built for stable performance, safety, and long service life
- Every unit passes rigorous QC and inspection before shipment
- Technical support and after-sales service available worldwide



## VALUE

We create value not only through competitive pricing but through engineering excellence, efficiency, and customer success.

- Competitive pricing without compromising on quality
- Energy-efficient designs that lower customer operating costs
- Optimized performance-to-cost ratio across the product range
- Long-term partnership model, not one-off transactions



## GREEN

Sustainability is central to RVG's future. We actively support the global transition toward environmentally responsible HVAC technologies.

- Low-GWP refrigerant compatible and eco-friendly materials
- Supply high-efficiency components for heat pumps and all HVAC package systems
- Responsible sourcing and logistics to cut carbon footprint
- Aligned with global green building and environmental standards



# NOMENCLATURE

Condenser RVST C ☐ A ☐ (AL)

- AL : Aluminum Brass Tubes; NI: Alpaka; Copper Tubes not marked
- Cylinder specifications
- A: Single Circuit ; B: Twin Circuit ; C: Three Circuit ; D : Four Circuit
- Cooling Capacity ; Unit : kW
- C : Water Cooled ; MC : Sea Water Cooled ; OC : Oil Cooled; FC: The built-in oil condenser
- Serial Number

Evaporator RVST EU ☐ A ☐ (AL)

- AL : Aluminum Brass Tubes; NI: Alpaka; Copper Tubes not marked
- Cylinder specifications
- A: Single Circuit ; B: Twin Circuit ; C: Three Circuit ; D : Four Circuit
- Cooling Capacity ; Unit : kW
- EU : U type tube dry-type evaporator ; EV : Straight tube dry-type evaporator ;
- FE : flooded evaporator ;
- ME : falling-film evaporators
- Serial Number

water-water heat exchanger

RVST RC ☐ A ☐

- Cylinder specifications
- A : No phase transformation ; B: With phase change
- Cooling Capacity ; Unit : kW
- RC: Water-water heat exchanger
- Serial Number

Heat Exchanger for Hanbell' s Screw Compressor Series Systems

RVST H E ☐ D

- D: Twin Circuit ; Single Circuit not marked
- Compressor type code
- F: flooded type ; J: falling-film type ; Dry-type not marked
- H: Hanbell' s Series; F: Fusheng' s Series ; B: Bitzer' s Series ; L: Refcomp Series
- Serial Number

Semi-hermetic Piston water cooled condenser

RVST WN ☐ (IV)

- Design Code: IV: the fourth type; the first type not marked
- Cooling Capacity ; Unit : kW
- WN : Bitzer Semi-hermetic piston Water cooled series;
- WN : Copeland Semi-hermetic piston Water cooled series
- Serial Number



## PRODUCT TYPES



Heat exchanger for a  
single-system screw chiller



Falling film evaporator



Flooded-Type Heat  
Exchanger



Heat exchanger for a dual-  
circuit screw chiller



Integrated Heat Recovery  
Heat Exchanger

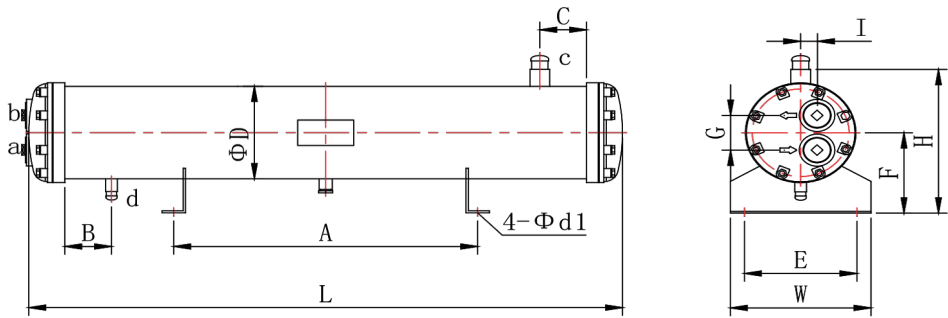
# PRODUCT SPECIFICATIONS

## SINGLE CIRCUIT CONDENSOR SERIES

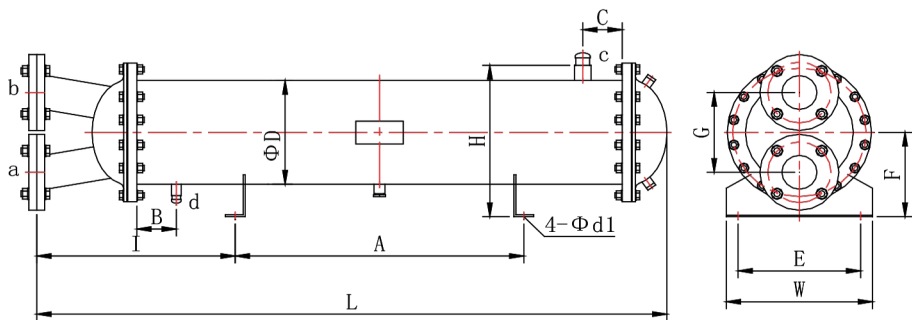
| Model       | Cooling Capacity |         | External Dimension mm |     |     |      |     |     |     |     |     |     |     |    | Nozzle Size |     |    |
|-------------|------------------|---------|-----------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-------------|-----|----|
|             | kW               | kcal/h  | L                     | W   | H   | A    | B   | C   | D   | E   | F   | G   | I   | d1 | a,b         | c   | d  |
| RVST-C12A   | 12               | 10320   | 931                   | 170 | 227 | 690  | 60  | 60  | 127 | 110 | 124 | 46  | 23  | 13 | Rc3/4       | 22  | 16 |
| RVST-C15A   | 15               | 12900   | 931                   | 170 | 227 | 690  | 60  | 60  | 127 | 110 | 124 | 46  | 23  | 13 | Rc3/4       | 22  | 16 |
| RVST-C20A   | 20               | 17200   | 941                   | 210 | 259 | 690  | 60  | 60  | 159 | 150 | 140 | 60  | 27  | 13 | Rc3/4       | 22  | 16 |
| RVST-C25A   | 25               | 21500   | 1094                  | 210 | 259 | 810  | 70  | 70  | 159 | 150 | 140 | 60  | 27  | 13 | Rc3/4       | 22  | 16 |
| RVST-C30A   | 30               | 25800   | 1124                  | 290 | 319 | 810  | 70  | 70  | 219 | 230 | 170 | 82  | 35  | 18 | Rc1         | 22  | 16 |
| RVST-C40A   | 40               | 34400   | 1378                  | 290 | 319 | 1010 | 85  | 85  | 219 | 230 | 170 | 82  | 35  | 18 | Rc1         | 22  | 16 |
| RVST-C50A   | 50               | 43000   | 1378                  | 290 | 319 | 1010 | 85  | 85  | 219 | 230 | 170 | 82  | 35  | 18 | Rc1 1/2     | 22  | 16 |
| RVST-C60A   | 60               | 51600   | 1632                  | 290 | 319 | 1210 | 105 | 105 | 219 | 230 | 170 | 82  | 35  | 18 | Rc1 1/2     | 35  | 19 |
| RVST-C80A   | 80               | 68800   | 1632                  | 290 | 319 | 1210 | 105 | 105 | 219 | 230 | 170 | 82  | 35  | 18 | Rc1 1/2     | 35  | 19 |
| RVST-C100A  | 100              | 86000   | 1632                  | 290 | 319 | 1210 | 105 | 105 | 219 | 230 | 170 | 82  | 35  | 18 | Rc2         | 42  | 22 |
| RVST-C120A  | 120              | 103200  | 1886                  | 290 | 319 | 1420 | 120 | 120 | 219 | 230 | 170 | 82  | 35  | 18 | Rc2         | 42  | 22 |
| RVST-C150A  | 150              | 129000  | 1886                  | 290 | 319 | 1420 | 120 | 120 | 219 | 230 | 170 | 82  | 35  | 18 | Rc2 1/2     | 42  | 28 |
| RVST-C200A  | 200              | 172000  | 2131                  | 330 | 345 | 1620 | 140 | 140 | 245 | 270 | 183 | 98  | 47  | 18 | Rc2 1/2     | 54  | 28 |
| RVST-C250A  | 250              | 215000  | 2131                  | 350 | 373 | 1620 | 140 | 140 | 273 | 290 | 197 | 101 | 50  | 18 | Rc3         | 54  | 28 |
| RVST-C300A  | 300              | 258000  | 2131                  | 350 | 373 | 1620 | 140 | 140 | 273 | 290 | 197 | 101 | 50  | 18 | Rc3         | 54  | 28 |
| RVST-C400A  | 400              | 344000  | 2688                  | 420 | 420 | 1820 | 160 | 160 | 325 | 340 | 243 | 250 | 553 | 18 | DN100       | 67  | 35 |
| RVST-C500A  | 500              | 430000  | 2688                  | 420 | 420 | 1820 | 160 | 160 | 325 | 340 | 243 | 270 | 553 | 18 | DN125       | 67  | 35 |
| RVST-C600A  | 600              | 516000  | 2996                  | 420 | 490 | 2070 | 180 | 180 | 325 | 340 | 243 | 270 | 582 | 18 | DN125       | 80  | 42 |
| RVST-C800A  | 800              | 688000  | 3039                  | 490 | 520 | 2070 | 180 | 180 | 377 | 410 | 269 | 300 | 612 | 18 | DN150       | 80  | 42 |
| RVST-C1000A | 1000             | 860000  | 3286                  | 520 | 550 | 2250 | 195 | 195 | 406 | 440 | 283 | 300 | 647 | 22 | DN150       | 108 | 42 |
| RVST-C1250A | 1250             | 1075000 | 3481                  | 550 | 420 | 2400 | 210 | 210 | 426 | 470 | 293 | 380 | 672 | 22 | DN200       | 108 | 42 |

1. (Condensing Temperature) 40°C, (Inlet Water Temperature) 30°C, (Cooling Capacity at Water Outlet Temperature of 35°C)

### DIAGRAM



RVST-C12A ~ RVST-C300A



RVST-C400A ~ RVST-C1250A

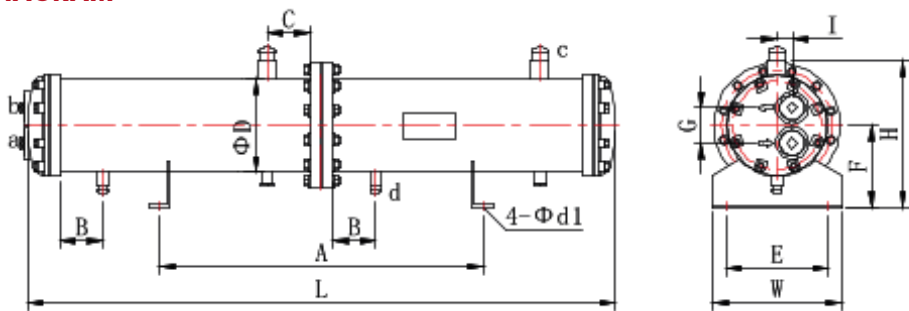
# PRODUCT SPECIFICATIONS

## TWIN CIRCUIT CONDENSER SERIES

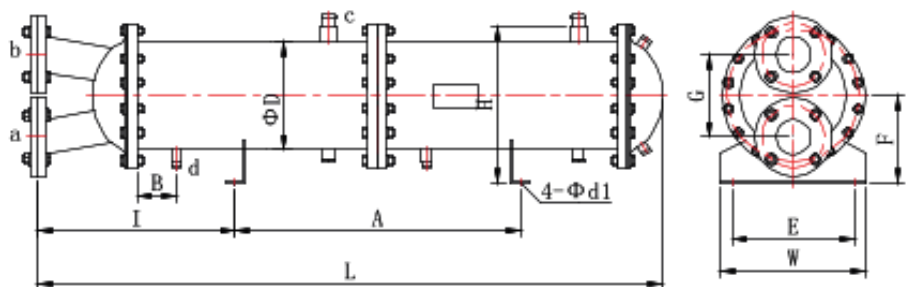
| Model       | Cooling Capacity |         | External Dimension mm |     |     |      |     |     |     |     |     |     |     |    | Nozzle Size |    |    |
|-------------|------------------|---------|-----------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|----|-------------|----|----|
|             | kW               | kcal/h  | L                     | W   | H   | A    | B   | C   | D   | E   | F   | G   | I   | d1 | a,b         | c  | d  |
| RVST-C25B   | 25               | 21500   | 1342                  | 170 | 227 | 820  | 60  | 60  | 127 | 110 | 124 | 46  | 23  | 13 | Rc1         | 22 | 16 |
| RVST-C30B   | 30               | 25800   | 1352                  | 210 | 259 | 820  | 60  | 60  | 159 | 150 | 140 | 60  | 27  | 13 | Rc1         | 22 | 16 |
| RVST-C40B   | 40               | 34400   | 1808                  | 210 | 259 | 1120 | 60  | 60  | 159 | 150 | 140 | 60  | 27  | 13 | Rc1         | 22 | 16 |
| RVST-C50B   | 50               | 43000   | 1808                  | 210 | 259 | 1120 | 60  | 60  | 159 | 150 | 140 | 60  | 27  | 13 | Rc1-1.2     | 22 | 16 |
| RVST-C60B   | 60               | 51600   | 1808                  | 210 | 259 | 1120 | 60  | 60  | 159 | 150 | 140 | 60  | 27  | 13 | Rc1-1.2     | 22 | 16 |
| RVST-C80B   | 80               | 68800   | 1838                  | 290 | 319 | 1120 | 60  | 60  | 219 | 230 | 170 | 82  | 35  | 18 | Rc1-1.2     | 35 | 16 |
| RVST-C100B  | 100              | 86000   | 2144                  | 290 | 319 | 1320 | 70  | 70  | 219 | 230 | 170 | 82  | 35  | 18 | Rc2         | 35 | 16 |
| RVST-C120B  | 120              | 103200  | 2144                  | 290 | 319 | 1320 | 70  | 70  | 219 | 230 | 170 | 82  | 35  | 18 | Rc2         | 35 | 19 |
| RVST-C150B  | 150              | 129000  | 2144                  | 290 | 319 | 1320 | 70  | 70  | 219 | 230 | 170 | 82  | 35  | 18 | Rc2-1.2     | 42 | 19 |
| RVST-C200B  | 200              | 172000  | 2135                  | 330 | 345 | 1320 | 70  | 70  | 245 | 270 | 183 | 98  | 47  | 18 | Rc2-1.2     | 42 | 22 |
| RVST-C250B  | 250              | 215000  | 2135                  | 350 | 373 | 1320 | 70  | 70  | 273 | 290 | 197 | 101 | 50  | 18 | Rc3         | 42 | 22 |
| RVST-C300B  | 300              | 258000  | 3151                  | 330 | 345 | 1980 | 105 | 105 | 245 | 270 | 183 | 98  | 47  | 18 | Rc3         | 42 | 28 |
| RVST-C400B  | 400              | 344000  | 3151                  | 350 | 373 | 1980 | 105 | 105 | 273 | 290 | 197 | 250 | 836 | 18 | DN100       | 54 | 28 |
| RVST-C500B  | 500              | 430000  | 3052                  | 420 | 445 | 1980 | 105 | 105 | 325 | 360 | 243 | 270 | 856 | 18 | DN125       | 54 | 28 |
| RVST-C600B  | 600              | 516000  | 3052                  | 420 | 445 | 1980 | 105 | 105 | 325 | 360 | 243 | 270 | 856 | 18 | DN125       | 54 | 28 |
| RVST-C800B  | 800              | 688000  | 3052                  | 460 | 476 | 1980 | 105 | 105 | 356 | 400 | 258 | 300 | 876 | 18 | DN150       | 67 | 35 |
| RVST-C1000B | 1000             | 860000  | 3560                  | 490 | 497 | 2310 | 120 | 120 | 377 | 430 | 269 | 300 | 975 | 18 | DN150       | 67 | 35 |
| RVST-C1250B | 1250             | 1075000 | 3560                  | 520 | 526 | 2310 | 120 | 120 | 406 | 460 | 283 | 380 | 985 | 22 | DN200       | 80 | 42 |

1. (Condensing Temperature) 40°C, (Inlet Water Temperature) 30°C, (Cooling Capacity at Water Outlet Temperature of 35°C)

## DIAGRAM



RVST-C25B - RVST-C300B



RVST-C400B - RVST-C1250B



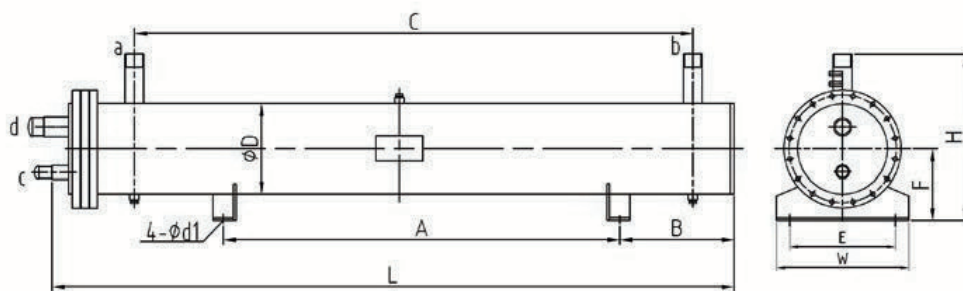
# PRODUCT SPECIFICATIONS

## SINGLE CIRCUIT U-TYPE EVAPORATOR SERIES

| Model        | Cooling Capacity |      |        | External Dimension mm |     |     |      |     |      |     |     |     |    | Nozzle Size |    |    |
|--------------|------------------|------|--------|-----------------------|-----|-----|------|-----|------|-----|-----|-----|----|-------------|----|----|
|              | kW               | RT   | kcal/h | L                     | W   | H   | A    | B   | C    | D   | E   | F   | d1 | a,b         | c  | d  |
| RVST-EU10A   | 10               | 2.84 | 8600   | 1130                  | 180 | 350 | 690  | 186 | 780  | 140 | 120 | 130 | 13 | Rc 3/4      | 22 | 28 |
| RVST-EU12.5A | 12.5             | 3.56 | 10750  | 1130                  | 180 | 350 | 690  | 186 | 780  | 140 | 120 | 130 | 13 | Rc 3/4      | 22 | 28 |
| RVST-EU16A   | 16               | 4.55 | 13760  | 1200                  | 220 | 364 | 690  | 186 | 830  | 168 | 160 | 144 | 13 | Rc 3/4      | 22 | 28 |
| RVST-EU20A   | 20               | 5.69 | 17200  | 1380                  | 220 | 364 | 810  | 203 | 1000 | 168 | 160 | 144 | 13 | Rc 3/4      | 22 | 28 |
| RVST-EU25A   | 25               | 7.11 | 21500  | 1380                  | 220 | 364 | 810  | 203 | 1000 | 168 | 160 | 144 | 13 | Rc 1        | 22 | 28 |
| RVST-EU32A   | 32               | 9.1  | 27520  | 1630                  | 220 | 364 | 1010 | 230 | 1250 | 168 | 160 | 144 | 13 | Rc 1        | 22 | 35 |
| RVST-EU40A   | 40               | 11.4 | 34400  | 1630                  | 290 | 440 | 1010 | 230 | 1240 | 219 | 230 | 170 | 18 | Rc 1-1/2    | 22 | 35 |
| RVST-EU50A   | 50               | 14.2 | 43000  | 1890                  | 290 | 440 | 1210 | 257 | 1530 | 219 | 230 | 170 | 18 | Rc 1-1/2    | 22 | 35 |
| RVST-EU63A   | 63               | 17.9 | 54180  | 1890                  | 290 | 440 | 1210 | 257 | 1530 | 219 | 230 | 170 | 18 | Rc 1-1/2    | 28 | 42 |
| RVST-EU80A   | 80               | 22.8 | 68800  | 1840                  | 330 | 463 | 1210 | 257 | 1520 | 245 | 270 | 183 | 18 | Rc 2        | 28 | 42 |
| RVST-EU100A  | 100              | 28.4 | 86000  | 2140                  | 330 | 463 | 1420 | 279 | 1770 | 245 | 270 | 183 | 18 | Rc 2        | 28 | 42 |
| RVST-EU125A  | 125              | 35.6 | 107500 | 2140                  | 350 | 497 | 1420 | 279 | 1770 | 273 | 290 | 197 | 18 | Rc 2        | 28 | 54 |
| RVST-EU160A  | 160              | 45.5 | 137600 | 2390                  | 350 | 497 | 1620 | 306 | 1980 | 273 | 290 | 197 | 18 | Rc 2-1/2    | 28 | 54 |
| RVST-EU200A  | 200              | 56.9 | 172000 | 2390                  | 420 | 563 | 1620 | 306 | 2170 | 325 | 360 | 243 | 18 | Rc 2-1/2    | 28 | 54 |

1. (Evaporation Temperature) 2°C, (Inlet Water Temperature) 12°C, (Cooling Capacity at water outlet temperature of 7°C)

### DIAGRAM



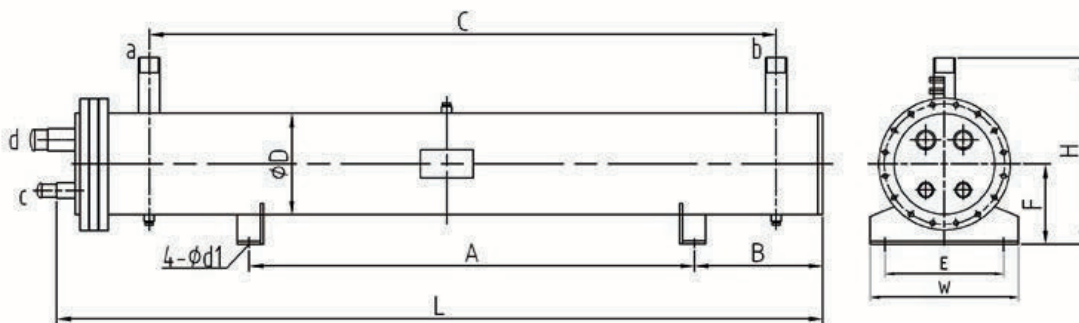
# PRODUCT SPECIFICATIONS

## DUAL-CIRCUIT U-TUBE EVAPORATOR SERIES

| Model       | Cooling Capacity |      |        | External Dimension mm |     |     |      |     |      |     |     |     |    | Nozzle Size |    |    |
|-------------|------------------|------|--------|-----------------------|-----|-----|------|-----|------|-----|-----|-----|----|-------------|----|----|
|             | kW               | RT   | kcal/h | L                     | W   | H   | A    | B   | C    | D   | E   | F   | d1 | a,b         | c  | d  |
| RVST-EU20B  | 20               | 5.69 | 17200  | 1150                  | 220 | 364 | 600  | 200 | 850  | 168 | 160 | 144 | 13 | Rc 3/4      | 22 | 28 |
| RVST-EU25B  | 25               | 7.11 | 21500  | 1150                  | 220 | 364 | 600  | 200 | 850  | 168 | 160 | 144 | 13 | Rc 1        | 22 | 28 |
| RVST-EU32B  | 32               | 9.1  | 27520  | 1590                  | 220 | 364 | 800  | 332 | 1300 | 168 | 160 | 144 | 13 | Rc 1        | 22 | 28 |
| RVST-EU40B  | 40               | 11.4 | 34400  | 1590                  | 220 | 364 | 800  | 332 | 1300 | 168 | 160 | 144 | 13 | Rc1-1/2     | 22 | 28 |
| RVST-EU50B  | 50               | 14.2 | 43000  | 1590                  | 220 | 364 | 800  | 332 | 1300 | 219 | 230 | 170 | 18 | Rc1-1/2     | 22 | 28 |
| RVST-EU63B  | 63               | 17.9 | 54180  | 1590                  | 220 | 364 | 800  | 332 | 1300 | 219 | 230 | 170 | 18 | Rc1-1/2     | 22 | 35 |
| RVST-EU80B  | 80               | 22.8 | 68800  | 2030                  | 290 | 440 | 1100 | 392 | 1680 | 219 | 230 | 170 | 18 | Rc 2        | 22 | 35 |
| RVST-EU100B | 100              | 28.4 | 86000  | 2030                  | 290 | 440 | 1100 | 392 | 1680 | 219 | 230 | 170 | 18 | Rc 2        | 22 | 35 |
| RVST-EU125B | 125              | 35.6 | 107500 | 2030                  | 330 | 463 | 1100 | 392 | 1680 | 245 | 270 | 183 | 18 | Rc 2        | 28 | 42 |
| RVST-EU160B | 160              | 45.5 | 137600 | 2030                  | 350 | 497 | 1100 | 392 | 1680 | 273 | 290 | 197 | 18 | Rc 2-1/2    | 28 | 42 |
| RVST-EU200B | 200              | 56.9 | 172000 | 2030                  | 420 | 563 | 1100 | 392 | 1680 | 325 | 360 | 243 | 18 | Rc 2-1/2    | 28 | 42 |

1. (Evaporation Temperature) 2°C, (Inlet Water Temperature) 12°C, (Cooling Capacity at water outlet temperature of 7°C)

## DIAGRAM



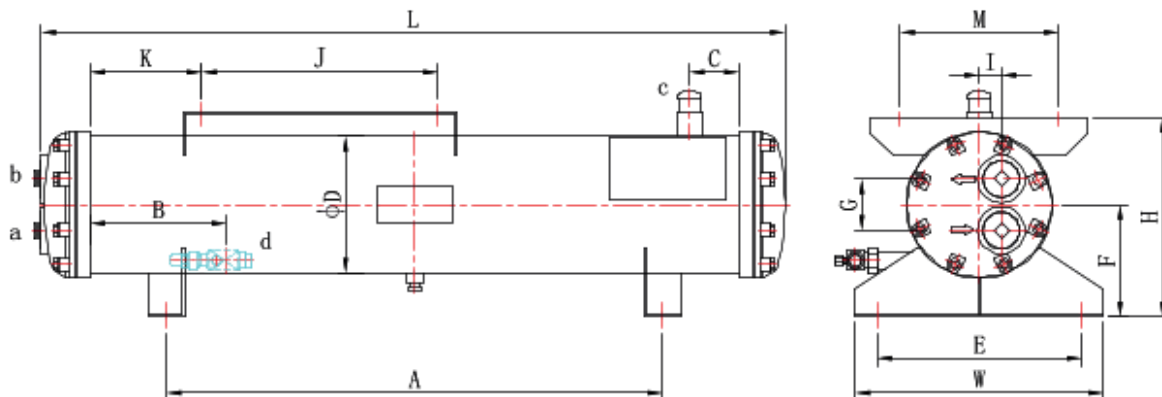
# PRODUCT SPECIFICATIONS

## WATER-COOLED CONDENSER FOR BITZER'S SEMI-HERMETIC COMPRESSORS SERIES

| Model        | Compatibility | Cooling Capacity |        | External Dimension mm |     |     |      |     |     |     |     |     |     |    |     |     |     | Nozzle  |       |       |
|--------------|---------------|------------------|--------|-----------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|---------|-------|-------|
|              |               | kW               | kcal/h | L                     | W   | H   | A    | B   | C   | D   | E   | F   | G   | I  | J   | K   | M   | a,b     | c     | d     |
| RVST-WN-9.2  | 2DC-3.2       | 9.2              | 7912   | 960                   | 320 | 270 | 550  | 115 | 60  | 159 | 280 | 114 | 46  | 23 | 223 | 55  | 200 | Rc1     | 5/8   | 1/2   |
| RVST-WN-15   | 4FC-5.2       | 15               | 12900  | 960                   | 320 | 270 | 550  | 155 | 60  | 159 | 280 | 140 | 60  | 27 | 293 | 70  | 230 | Rc1-1/4 | 5/8   | 1/2   |
| RVST-WN-21.2 | 4DC-7.2       | 21.2             | 18232  | 1139                  | 320 | 314 | 700  | 280 | 80  | 219 | 280 | 140 | 60  | 27 | 293 | 70  | 198 | Rc1-1/4 | 7/8   | 5/8   |
| RVST-WN-27.5 | 4VCS-10.2     | 27.5             | 23650  | 1139                  | 320 | 314 | 700  | 280 | 80  | 219 | 280 | 140 | 60  | 27 | 367 | 120 | 256 | Rc1-1/4 | 7/8   | 5/8   |
| RVST-WN-43   | 4PCS-15.2     | 41               | 35260  | 1397                  | 410 | 378 | 900  | 300 | 115 | 273 | 330 | 180 | 82  | 35 | 367 | 120 | 256 | Rc2     | 1-1/8 | 3/4   |
| RVST-WN-47   | 4NCS-20.2     | 52               | 44720  | 1397                  | 410 | 378 | 900  | 300 | 115 | 273 | 330 | 180 | 82  | 35 | 367 | 120 | 256 | Rc2     | 1-1/8 | 3/4   |
| RVST-WN-61   | 4H-25.2       | 65               | 55900  | 1647                  | 410 | 378 | 1000 | 400 | 160 | 273 | 330 | 180 | 82  | 35 | 381 | 180 | 305 | Rc2     | 1-1/8 | 3/4   |
| RVST-WN-71   | 4G-30.2       | 86               | 73960  | 1647                  | 410 | 378 | 1000 | 400 | 160 | 273 | 330 | 207 | 101 | 50 | 381 | 125 | 305 | Rc2     | 1-1/8 | 7/8   |
| RVST-WN-105  | 6G-40.2       | 109              | 93740  | 1647                  | 410 | 378 | 1000 | 400 | 160 | 273 | 330 | 207 | 101 | 50 | 381 | 125 | 305 | Rc2-1/2 | 1-3/8 | 1-1/8 |
| RVST-WN-124  | 6F-50.2       | 136              | 116960 | 1647                  | 410 | 378 | 1000 | 400 | 160 | 273 | 330 | 207 | 101 | 50 | 381 | 225 | 305 | Rc2-1/2 | 1-5/8 | 1-1/8 |

1. Thermal Load with Compressor Condenser Temperature of 40°C and Evaporation Temperature of - 5°C

## DIAGRAM



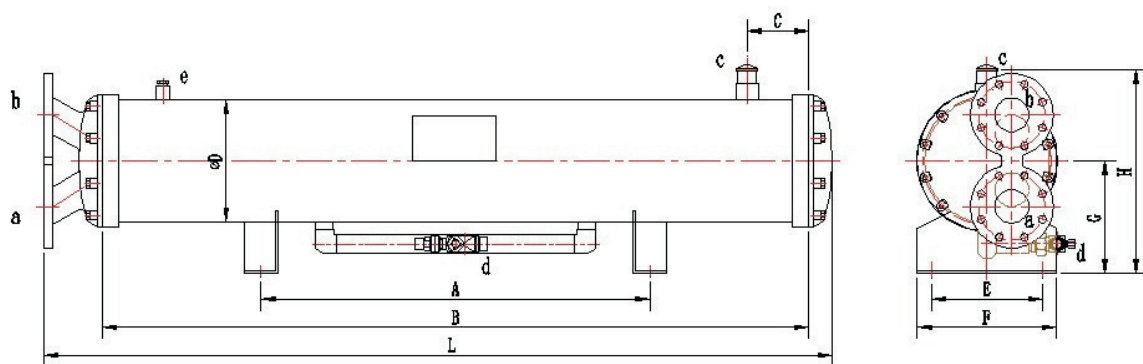
# PRODUCT SPECIFICATIONS

## SEAWATER CONDENSER SERIES

| Model             | Compressor KW | External Dimension mm |      |     |     |     |     |     |     |      | Nozzle Size |       |       |        |
|-------------------|---------------|-----------------------|------|-----|-----|-----|-----|-----|-----|------|-------------|-------|-------|--------|
|                   |               | A                     | B    | C   | D   | E   | F   | G   | H   | L    | a/b         | c     | d     | e      |
| RVST-MC9.2A4AL    | 3P            | 450                   | 630  | 100 | 127 | 330 | 270 | 200 | 410 | 810  | DN40        | 3/4   | 3/8   | NPT3/8 |
| RVST-MC15A5AL     | 5P            | 600                   | 860  | 100 | 159 | 330 | 270 | 200 | 410 | 1040 | DN40        | 3/4   | 1/2   | NPT3/8 |
| RVST-MC21.5A5AL   | 8P            | 600                   | 860  | 100 | 159 | 330 | 270 | 200 | 410 | 1040 | DN40        | 1     | 5/8   | NPT3/8 |
| RVST-MC27.5A5AL   | 10P           | 700                   | 940  | 150 | 159 | 330 | 270 | 200 | 410 | 1120 | DN40        | 1     | 5/8   | NPT3/8 |
| RVST-MC41A8AL     | 15P           | 700                   | 940  | 150 | 219 | 330 | 270 | 200 | 410 | 1120 | DN40        | 1-1/8 | 3/4   | NPT3/8 |
| RVST-MC52A8AL     | 20P           | 700                   | 940  | 150 | 219 | 330 | 270 | 200 | 410 | 1120 | DN40        | 1-1/8 | 3/4   | NPT3/8 |
| RVST-MC65A8AL     | 25P           | 800                   | 1090 | 180 | 219 | 330 | 270 | 200 | 410 | 1270 | DN40        | 1-5/8 | 3/4   | NPT3/8 |
| RVST-MC86A10AL    | 30P           | 800                   | 1090 | 180 | 273 | 330 | 270 | 230 | 470 | 1340 | DN65        | 1-5/8 | 7/8   | NPT3/8 |
| RVST-MC109A10AL   | 40P           | 800                   | 1270 | 200 | 273 | 330 | 270 | 230 | 470 | 1520 | DN65        | 1-5/8 | 1-1/8 | NPT3/8 |
| RVST-MC136A10AL   | 50P           | 1000                  | 1520 | 200 | 273 | 330 | 270 | 230 | 470 | 1770 | DN65        | 2-1/8 | 1-1/8 | NPT3/8 |
| RVST-MC160A10AL   | 60P           | 1000                  | 1780 | 200 | 273 | 330 | 270 | 230 | 470 | 2030 | DN65        | 2-1/8 | 1-1/8 | NPT3/8 |
| RVST-MC184.5A10AL | 70P           | 1500                  | 2030 | 200 | 273 | 330 | 270 | 230 | 470 | 2280 | DN65        | 2-1/8 | 1-1/8 | NPT3/8 |
| RVST-MC210A10AL   | 80P           | 1500                  | 2280 | 200 | 273 | 330 | 270 | 230 | 470 | 2530 | DN65        | 2-1/8 | 1-1/8 | NPT3/8 |
| RVST-MC235A10AL   | 90P           | 1800                  | 2590 | 250 | 273 | 330 | 270 | 230 | 470 | 2840 | DN65        | 2-1/8 | 1-1/8 | NPT3/8 |

1. Compressor Nominal Working Condition: Condensation Temperature =40°C, Evaporation Temperature = - 5°C

## DIAGRAM





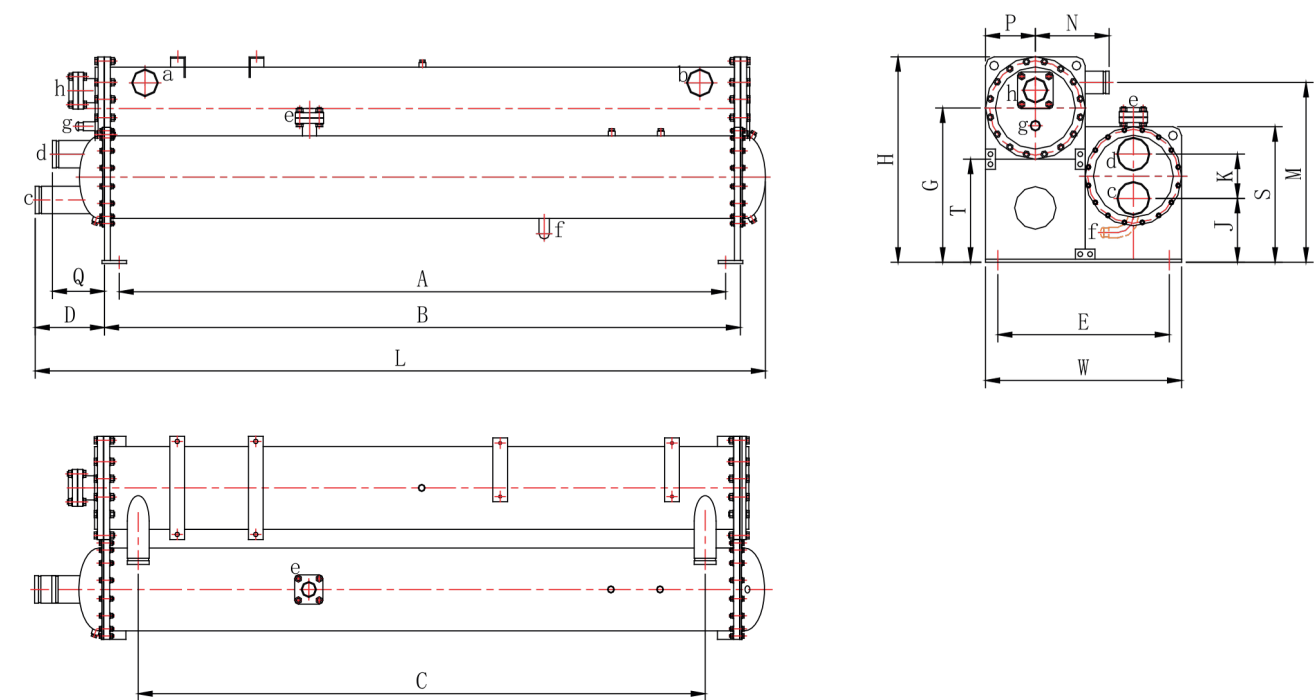
# PRODUCT SPECIFICATIONS

## SINGLE CIRCUIT HEAT EXCHANGER FOR HANBELL'S SCREW COMPRESSOR SERIES SYSTEMS

| Model      | Compatibility | Cooling Capacity | External Dimension mm |      |      |      |      |      |     |      |     |     |     |      |     |     |     |     |     | Nozzle |     |     |      |      |     | Weight kg |
|------------|---------------|------------------|-----------------------|------|------|------|------|------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|--------|-----|-----|------|------|-----|-----------|
|            |               |                  | L                     | W    | H    | A    | B    | C    | D   | E    | G   | J   | K   | M    | N   | P   | Q   | S   | T   | a,b    | d,c | e   | f    | g    | h   |           |
| RVST-GH100 | RC2-100B      | 88               | 2316                  | 576  | 605  | 1910 | 2030 | 1750 | 210 | 476  | 461 | 213 | 120 | 527  | 260 | 144 | 150 | 417 | 317 | 76     | 76  | 48  | 28.6 | 28.6 | 60  | 360       |
| RVST-GH140 | RC2-140B      | 120              | 2346                  | 608  | 605  | 1910 | 2030 | 1750 | 230 | 508  | 461 | 187 | 140 | 527  | 260 | 144 | 170 | 417 | 317 | 76     | 76  | 48  | 28.6 | 28.6 | 60  | 461       |
| RVST-GH180 | RC2-180B      | 158              | 2371                  | 675  | 717  | 1910 | 2030 | 1750 | 250 | 575  | 555 | 240 | 155 | 625  | 280 | 163 | 190 | 492 | 392 | 89     | 89  | 48  | 28.6 | 28.6 | 76  | 573       |
| RVST-GH200 | RC2-200B      | 172              | 2371                  | 705  | 747  | 1910 | 2030 | 1750 | 250 | 605  | 570 | 240 | 155 | 655  | 300 | 178 | 190 | 492 | 392 | 89     | 89  | 48  | 28.6 | 28.6 | 76  | 614       |
| RVST-GH230 | RC2-230B      | 210              | 2621                  | 705  | 747  | 2160 | 2280 | 1950 | 250 | 605  | 570 | 240 | 155 | 655  | 300 | 178 | 190 | 492 | 392 | 89     | 89  | 60  | 28.6 | 28.6 | 89  | 719       |
| RVST-GH260 | RC2-260B      | 230              | 2621                  | 705  | 747  | 2160 | 2280 | 1950 | 250 | 605  | 570 | 240 | 155 | 655  | 300 | 178 | 190 | 492 | 392 | 89     | 89  | 60  | 34.9 | 34.9 | 89  | 775       |
| RVST-GH300 | RC2-300B      | 271              | 2666                  | 805  | 867  | 2160 | 2280 | 1950 | 280 | 705  | 665 | 272 | 180 | 765  | 330 | 203 | 210 | 562 | 462 | 108    | 108 | 60  | 34.9 | 34.9 | 89  | 883       |
| RVST-GH310 | RC2-310B      | 286              | 2666                  | 805  | 867  | 2160 | 2280 | 1950 | 280 | 705  | 665 | 272 | 180 | 765  | 330 | 203 | 210 | 562 | 462 | 108    | 108 | 60  | 34.9 | 34.9 | 89  | 923       |
| RVST-GH340 | RC2-340B      | 313              | 2666                  | 805  | 867  | 2160 | 2280 | 1950 | 280 | 705  | 665 | 272 | 180 | 765  | 330 | 203 | 210 | 562 | 462 | 108    | 108 | 76  | 34.9 | 34.9 | 108 | 992       |
| RVST-GH370 | RC2-370B      | 339              | 2976                  | 805  | 867  | 2470 | 2590 | 2230 | 280 | 705  | 665 | 272 | 180 | 765  | 330 | 203 | 210 | 562 | 462 | 108    | 108 | 76  | 41.3 | 41.3 | 108 | 1057      |
| RVST-GH410 | RC2-410B      | 373              | 2976                  | 805  | 867  | 2470 | 2590 | 2230 | 280 | 705  | 665 | 275 | 175 | 753  | 330 | 203 | 210 | 562 | 462 | 133    | 133 | 76  | 41.3 | 41.3 | 108 | 1142      |
| RVST-GH470 | RC2-470B      | 444              | 3004                  | 885  | 932  | 2470 | 2590 | 2230 | 300 | 785  | 712 | 262 | 195 | 816  | 350 | 220 | 230 | 582 | 492 | 133    | 133 | 76  | 41.3 | 41.3 | 108 | 1312      |
| RVST-GH510 | RC2-510B      | 469              | 3004                  | 885  | 932  | 2470 | 2590 | 2230 | 300 | 785  | 712 | 262 | 195 | 816  | 350 | 220 | 230 | 582 | 492 | 133    | 133 | 89  | 41.3 | 41.3 | 108 | 1371      |
| RVST-GH550 | RC2-550B      | 514              | 3026                  | 975  | 1017 | 2470 | 2590 | 2230 | 320 | 875  | 762 | 262 | 205 | 901  | 400 | 255 | 250 | 597 | 507 | 133    | 133 | 89  | 41.3 | 41.3 | 108 | 1474      |
| RVST-GH580 | RC2-580B      | 556              | 3256                  | 975  | 1017 | 2700 | 2820 | 2430 | 320 | 875  | 762 | 262 | 205 | 901  | 400 | 255 | 250 | 597 | 507 | 133    | 133 | 89  | 41.3 | 41.3 | 108 | 1571      |
| RVST-GH620 | RC2-620B      | 578              | 3256                  | 975  | 1017 | 2700 | 2820 | 2430 | 320 | 875  | 762 | 262 | 205 | 901  | 400 | 255 | 250 | 597 | 507 | 133    | 133 | 89  | 54   | 54   | 133 | 1619      |
| RVST-GH710 | RC2-710B      | 673              | 3276                  | 1030 | 1087 | 2700 | 2820 | 2430 | 330 | 930  | 832 | 297 | 220 | 958  | 400 | 255 | 260 | 667 | 577 | 159    | 159 | 108 | 54   | 54   | 133 | 1829      |
| RVST-GH790 | RC2-790B      | 739              | 3456                  | 1080 | 1137 | 2880 | 3000 | 2600 | 330 | 980  | 857 | 297 | 220 | 998  | 410 | 280 | 260 | 667 | 577 | 159    | 159 | 108 | 54   | 54   | 133 | 1971      |
| RVST-GH830 | RC2-830B      | 789              | 3456                  | 1080 | 1137 | 2880 | 3000 | 2600 | 330 | 980  | 857 | 297 | 220 | 998  | 410 | 280 | 260 | 667 | 577 | 159    | 159 | 108 | 54   | 54   | 133 | 2077      |
| RVST-GH930 | RC2-930B      | 889              | 3494                  | 1170 | 1222 | 2880 | 3000 | 2600 | 350 | 1070 | 917 | 292 | 260 | 1084 | 440 | 305 | 280 | 702 | 612 | 159    | 159 | 108 | 54   | 54   | 133 | 2286      |

- 1.Nominal Cooling Capacity with Compressor Condenser Temperature of 40°C and Evaporation Temperature of 2°C), Unit: kW.
2. This series of heat exchangers may be paired with Screw Type Compressors from manufacturers such as RefComp, Bitzer and Fusheng

### DIAGRAM



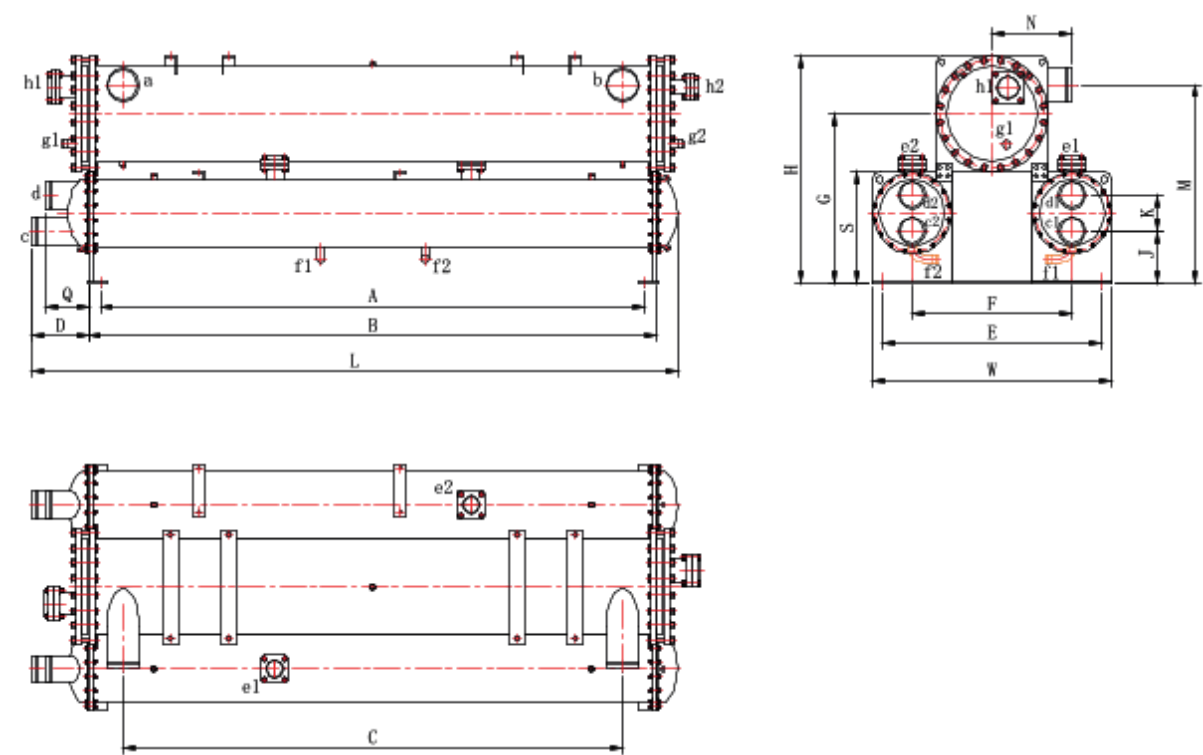
# PRODUCT SPECIFICATIONS

## TWIN CIRCUIT HEAT EXCHANGER FOR HANBELL' S SCREW COMPRESSOR SERIES SYSTEMS

| Model       | Compatibility | Cooling Capacity | External Dimension mm |      |      |      |      |      |     |      |      |      |     |     |      |     |     |     |     | Nozzle |     |     |      |      |     |
|-------------|---------------|------------------|-----------------------|------|------|------|------|------|-----|------|------|------|-----|-----|------|-----|-----|-----|-----|--------|-----|-----|------|------|-----|
|             |               |                  | L                     | W    | H    | A    | B    | C    | D   | E    | F    | G    | J   | K   | M    | N   | P   | Q   | S   | a,b    | d,c | e   | f    | g    | h   |
| RVST-GH370D | RC2-370B      | 678.4            | 3206                  | 1200 | 1122 | 2700 | 2820 | 2400 | 280 | 1100 | 800  | 842  | 272 | 180 | 983  | 410 | 280 | 210 | 562 | 159    | 108 | 76  | 41.3 | 41.3 | 108 |
| RVST-GH410D | RC2-410B      | 746.8            | 3206                  | 1200 | 1122 | 2700 | 2820 | 2400 | 280 | 1100 | 800  | 842  | 275 | 175 | 983  | 410 | 280 | 210 | 562 | 159    | 133 | 76  | 41.3 | 41.3 | 108 |
| RVST-GH470D | RC2-470B      | 888.8            | 3234                  | 1340 | 1192 | 2700 | 2820 | 2400 | 300 | 1240 | 895  | 887  | 262 | 195 | 1054 | 440 | 305 | 230 | 582 | 159    | 133 | 76  | 41.3 | 41.3 | 108 |
| RVST-GH510D | RC2-510B      | 938.4            | 3234                  | 1340 | 1192 | 2700 | 2820 | 2400 | 300 | 1240 | 895  | 887  | 262 | 195 | 1054 | 440 | 305 | 230 | 582 | 159    | 133 | 89  | 41.3 | 41.3 | 108 |
| RVST-GH550D | RC2-550B      | 1027.4           | 3414                  | 1340 | 1192 | 2880 | 3000 | 2520 | 300 | 1240 | 895  | 887  | 262 | 195 | 1024 | 440 | 305 | 230 | 582 | 219    | 133 | 89  | 41.3 | 41.3 | 108 |
| RVST-GH580D | RC2-580B      | 1112.6           | 3414                  | 1360 | 1212 | 2880 | 3000 | 2520 | 300 | 1260 | 915  | 897  | 262 | 195 | 1045 | 460 | 315 | 230 | 582 | 219    | 133 | 89  | 41.3 | 41.3 | 108 |
| RVST-GH620D | RC2-620B      | 1155.4           | 3614                  | 1360 | 1212 | 3080 | 3200 | 2720 | 300 | 1260 | 915  | 897  | 262 | 195 | 897  | 460 | 315 | 230 | 582 | 219    | 133 | 89  | 54   | 54   | 133 |
| RVST-GH710D | RC2-710B      | 1345.6           | 3646                  | 1430 | 1257 | 3080 | 3200 | 2720 | 330 | 1330 | 965  | 927  | 225 | 280 | 927  | 470 | 330 | 260 | 597 | 219    | 159 | 108 | 54   | 54   | 133 |
| RVST-GH790D | RC2-790B      | 1477.8           | 3946                  | 1430 | 1257 | 3380 | 3500 | 3020 | 330 | 1330 | 965  | 927  | 225 | 280 | 927  | 470 | 330 | 260 | 597 | 219    | 159 | 108 | 54   | 54   | 133 |
| RVST-GH830D | RC2-830B      | 1577.8           | 3956                  | 1590 | 1377 | 3380 | 3500 | 3020 | 330 | 1490 | 1070 | 1022 | 297 | 220 | 1022 | 490 | 355 | 260 | 667 | 219    | 159 | 108 | 54   | 54   | 133 |
| RVST-GH930D | RC2-930B      | 1778.4           | 3956                  | 1590 | 1377 | 3380 | 3500 | 3020 | 330 | 1490 | 1070 | 1022 | 297 | 220 | 1022 | 490 | 355 | 260 | 667 | 219    | 159 | 108 | 54   | 54   | 133 |

- 1.Nominal Cooling Capacity with Compressor Condenser Temperature of 40°C and Evaporation Temperature of 2°C), Unit: KW.
- 2.This series of heat exchangers may be paired with Screw Type Compressors from manufacturers such as RefComp, Bitzer and Fusheng

### DIAGRAM



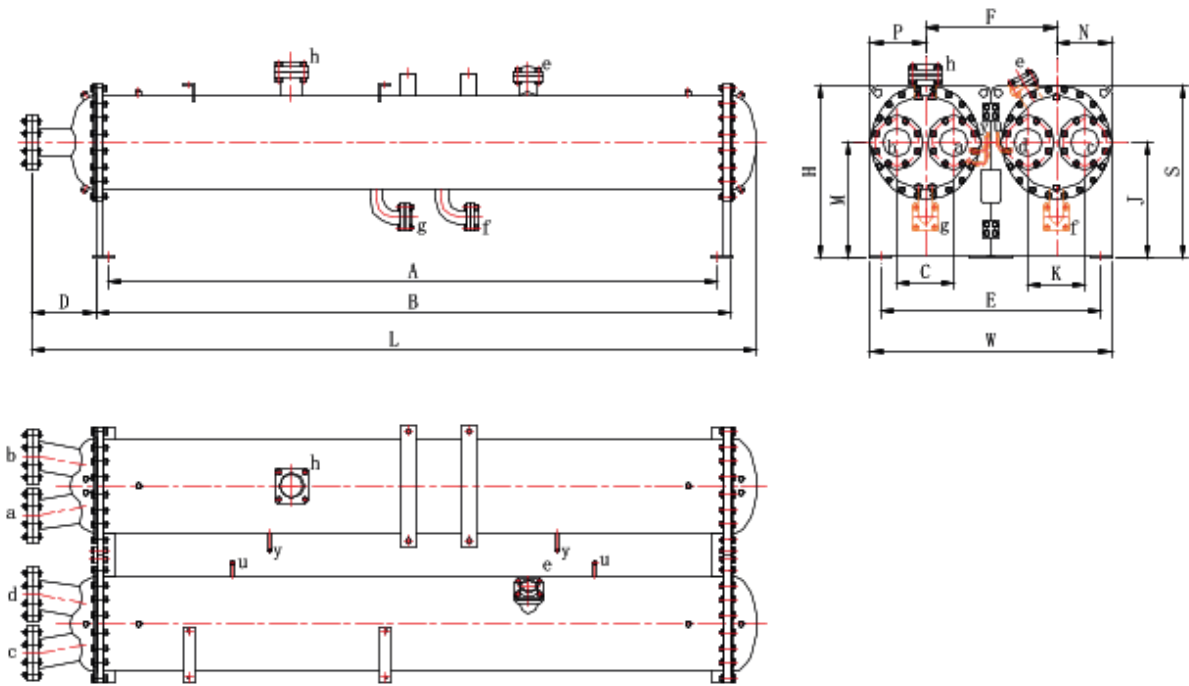
# PRODUCT SPECIFICATIONS

## HEAT EXCHANGER SERIES FOR HANBELL SCREW COMPRESSOR UNITS FLOODED EVAPORATOR & CONDENSER WITH INTEGRATED OIL SEPARATOR (SINGLE-CIRCUIT)

| Model       | Compatibility | Cooling Capacity | External Dimension mm |      |      |      |      |     |     |      |     |     |     |     |     |     |      |     | Nozzle |     |      |      |     |      |      |  |
|-------------|---------------|------------------|-----------------------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|--------|-----|------|------|-----|------|------|--|
|             |               |                  | L                     | W    | H    | A    | B    | C   | D   | E    | F   | J   | K   | M   | N   | P   | S    | a,b | d,c    | e   | f    | g    | h   | u    | y    |  |
| RVST-GHF370 | RC2-370B      | 389.2            | 3420                  | 1140 | 787  | 2880 | 3000 | 240 | 300 | 1040 | 620 | 527 | 240 | 527 | 260 | 260 | 787  | 108 | 108    | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |  |
| RVST-GHF410 | RC2-410B      | 428.5            | 3458                  | 1220 | 822  | 2880 | 3000 | 270 | 320 | 1120 | 660 | 542 | 270 | 542 | 280 | 280 | 822  | 133 | 133    | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |  |
| RVST-GHF470 | RC2-470B      | 509.9            | 3508                  | 1340 | 882  | 2880 | 3000 | 270 | 360 | 1240 | 720 | 572 | 270 | 572 | 310 | 310 | 882  | 133 | 133    | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |  |
| RVST-GHF510 | RC2-510B      | 538.4            | 3508                  | 1340 | 882  | 2880 | 3000 | 270 | 360 | 1240 | 720 | 572 | 270 | 572 | 310 | 310 | 882  | 133 | 133    | 89  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |  |
| RVST-GHF550 | RC2-550B      | 589.5            | 3533                  | 1360 | 902  | 2880 | 3000 | 270 | 380 | 1260 | 730 | 587 | 270 | 587 | 315 | 315 | 902  | 133 | 133    | 89  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |  |
| RVST-GHF580 | RC2-580B      | 638.4            | 3533                  | 1360 | 902  | 2880 | 3000 | 300 | 380 | 1260 | 730 | 587 | 300 | 587 | 315 | 315 | 902  | 159 | 159    | 89  | 54   | 54   | 108 | 12.7 | 12.7 |  |
| RVST-GHF620 | RC2-620B      | 663              | 3538                  | 1460 | 942  | 2880 | 3000 | 300 | 380 | 1360 | 780 | 602 | 300 | 602 | 340 | 340 | 942  | 159 | 159    | 89  | 54   | 54   | 133 | 12.7 | 12.7 |  |
| RVST-GHF710 | RC2-710B      | 772.1            | 3573                  | 1540 | 1012 | 2880 | 3000 | 300 | 400 | 1440 | 820 | 652 | 300 | 652 | 360 | 360 | 1012 | 159 | 159    | 108 | 54   | 54   | 133 | 12.7 | 12.7 |  |
| RVST-GHF790 | RC2-790B      | 847.9            | 3573                  | 1540 | 1012 | 2880 | 3000 | 300 | 400 | 1440 | 820 | 652 | 300 | 652 | 360 | 360 | 1012 | 159 | 159    | 108 | 54   | 54   | 133 | 12.7 | 12.7 |  |
| RVST-GHF830 | RC2-830B      | 905.4            | 3616                  | 1680 | 1062 | 2880 | 3000 | 300 | 420 | 1580 | 890 | 667 | 300 | 667 | 395 | 395 | 1062 | 159 | 159    | 108 | 54   | 54   | 133 | 12.7 | 12.7 |  |
| RVST-GHF930 | RC2-930B      | 1020.4           | 3616                  | 1680 | 1082 | 2880 | 3000 | 360 | 420 | 1580 | 890 | 687 | 360 | 687 | 395 | 395 | 1082 | 219 | 219    | 108 | 54   | 54   | 133 | 12.7 | 12.7 |  |

- 1.Nominal Cooling Capacity with Compressor Condenser Temperature of 38°C and Evaporation Temperature of 2°C), Unit: KW.
- 2.This series of heat exchangers may be paired with Screw Type Compressors from manufacturers such as RefComp, Bitzer and Fusheng

### DIAGRAM



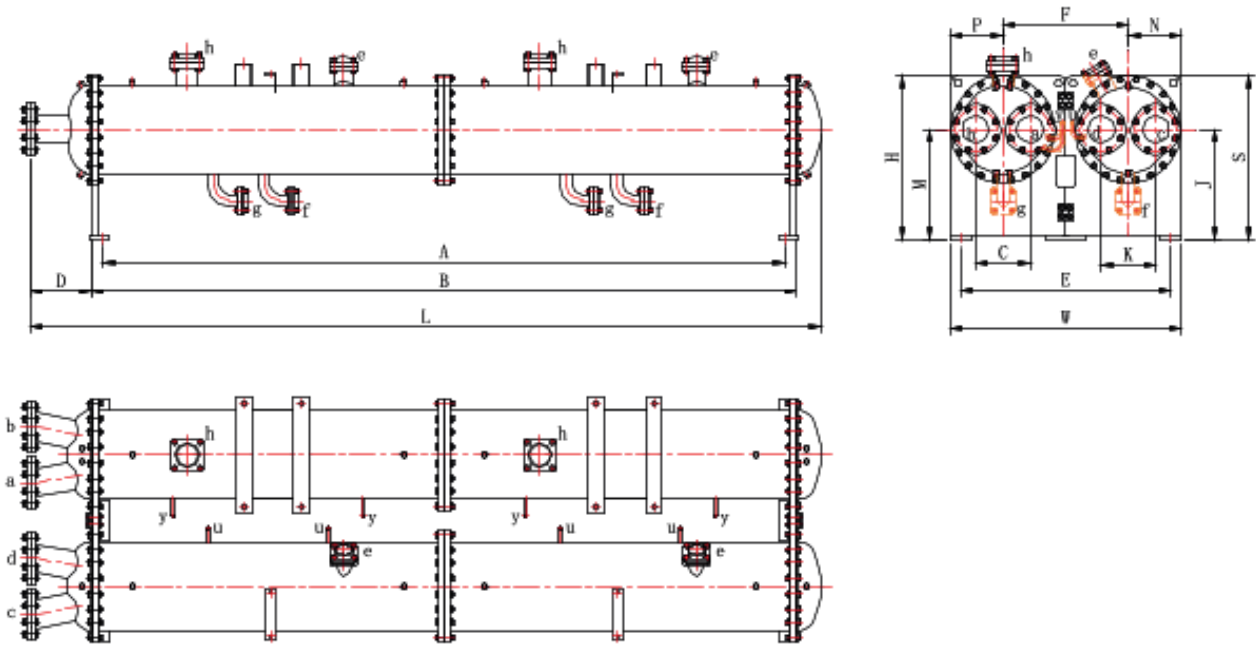
PRODUCT SPECIFICATIONS

HANBELL SCREW COMPRESSOR-COMPATIBLE HEAT EXCHANGER SERIES  
FLOODED EVAPORATOR | CONDENSER WITH INTEGRATED OIL SEPARATOR |  
DUAL-CIRCUIT SYSTEM

| Model       | Compatibility | Cooling Capacity | External Dimension mm |      |      |      |      |     |     |      |     |     |     |     |     |     |      | Nozzle |     |     |      |      |     |      |      |
|-------------|---------------|------------------|-----------------------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-----|------|--------|-----|-----|------|------|-----|------|------|
|             |               |                  | L                     | W    | H    | A    | B    | C   | D   | E    | F   | J   | K   | M   | N   | P   | S    | a,b    | d,c | e   | f    | g    | h   | u    | y    |
| RVST-GHF370 | RC2-370B      | 389.2            | 3420                  | 1140 | 787  | 2880 | 3000 | 240 | 300 | 1040 | 620 | 527 | 240 | 527 | 260 | 260 | 787  | 108    | 108 | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |
| RVST-GHF410 | RC2-410B      | 428.5            | 3458                  | 1220 | 822  | 2880 | 3000 | 270 | 320 | 1120 | 660 | 542 | 270 | 542 | 280 | 280 | 822  | 133    | 133 | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |
| RVST-GHF470 | RC2-470B      | 509.9            | 3508                  | 1340 | 882  | 2880 | 3000 | 270 | 360 | 1240 | 720 | 572 | 270 | 572 | 310 | 310 | 882  | 133    | 133 | 76  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |
| RVST-GHF510 | RC2-510B      | 538.4            | 3508                  | 1340 | 882  | 2880 | 3000 | 270 | 360 | 1240 | 720 | 572 | 270 | 572 | 310 | 310 | 882  | 133    | 133 | 89  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |
| RVST-GHF550 | RC2-550B      | 589.5            | 3533                  | 1360 | 902  | 2880 | 3000 | 270 | 380 | 1260 | 730 | 587 | 270 | 587 | 315 | 315 | 902  | 133    | 133 | 89  | 41.3 | 41.3 | 108 | 12.7 | 12.7 |
| RVST-GHF580 | RC2-580B      | 638.4            | 3533                  | 1360 | 902  | 2880 | 3000 | 300 | 380 | 1260 | 730 | 587 | 300 | 587 | 315 | 315 | 902  | 159    | 159 | 89  | 54   | 54   | 108 | 12.7 | 12.7 |
| RVST-GHF620 | RC2-620B      | 663              | 3538                  | 1460 | 942  | 2880 | 3000 | 300 | 380 | 1360 | 780 | 602 | 300 | 602 | 340 | 340 | 942  | 159    | 159 | 89  | 54   | 54   | 133 | 12.7 | 12.7 |
| RVST-GHF710 | RC2-710B      | 772.1            | 3573                  | 1540 | 1012 | 2880 | 3000 | 300 | 400 | 1440 | 820 | 652 | 300 | 652 | 360 | 360 | 1012 | 159    | 159 | 108 | 54   | 54   | 133 | 12.7 | 12.7 |
| RVST-GHF790 | RC2-790B      | 847.9            | 3573                  | 1540 | 1012 | 2880 | 3000 | 300 | 400 | 1440 | 820 | 652 | 300 | 652 | 360 | 360 | 1012 | 159    | 159 | 108 | 54   | 54   | 133 | 12.7 | 12.7 |
| RVST-GHF830 | RC2-830B      | 905.4            | 3616                  | 1680 | 1062 | 2880 | 3000 | 300 | 420 | 1580 | 890 | 667 | 300 | 667 | 395 | 395 | 1062 | 159    | 159 | 108 | 54   | 54   | 133 | 12.7 | 12.7 |
| RVST-GHF930 | RC2-930B      | 1020.4           | 3616                  | 1680 | 1082 | 2880 | 3000 | 360 | 420 | 1580 | 890 | 687 | 360 | 687 | 395 | 395 | 1082 | 219    | 219 | 108 | 54   | 54   | 133 | 12.7 | 12.7 |

- 1.Nominal Cooling Capacity with Compressor Condenser Temperature of 38°C and Evaporation Temperature of 2°C), Unit: KW.
- 2.This series of heat exchangers may be paired with Screw Type Compressors from manufacturers such as RefComp, Bitzer and Fusheng

DIAGRAM





## OIL COOLED HEAT EXCHANGER FOR REFRIGERATION SYSTEM

1. Compressor Condenser Temperature: 40°C, Evaporation Temperature: -30°C and Oil Outlet temperature: 50°C

Technical drawing of a shaft assembly. The shaft has a central section with a diameter of  $\phi M$ . The total length of the shaft is labeled  $B$ , with a note  $(B+90)$  below it. The distance from the left end to the center of the shaft is labeled  $A$ . The distance from the center of the shaft to the right end is labeled  $D$ . The left end is labeled  $a$  and  $b$ . The right end is labeled  $c$  and  $d$ . The shaft is supported by bearings at both ends.

