

AIR COOLED CONDENSING UNITS
GENERAL SPECIFICATIONS OF AIR COOLED CONDENSING UNITS

MODEL NUMBER	VCU010TZW ³	VCU010DZW ³	VCU015TZW	VCU015DZW	VCU020TZW	VCU020DZW	VCU025DZW	VCU030DZW
Nominal Capacity (tons) ¹	10	10	15	15	20	20	25	30
Refrigeration Circuits	1	2	1	2	1	2	2	2
Refrigerant Type	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
COMPRESSOR	ZR61KCE		ZR94KCE		ZR125KCE		ZR160KCE	ZR190KCE
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Quantity	Tandem	2	Tandem	2	Tandem	2	2	2
Weight (each)(lbs)	105	105	150	150	158	158	165	170
Nominal HP (per compressor) (hp)	5.0	5.0	8.0	8.0	10.0	10.0	13.0	15.0
Power (kW)	4.6	4.6	7.3	7.3	9.6	9.6	12.2	14.7
CONDENSER COILS								
Quantity	Dual	1	Dual	1	Dual	1	2	2
Max. Working Refrigeration Pressure (PSI)	700	700	700	700	700	700	700	700
Fin Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Tube Material	Copper	Copper	Copper	Copper	Copper	Copper	Copper	Copper
Tube Diameter (inch)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Number of Rows	3	3	3	3	3	3	4	5
CONDENSER FANS								
Fan Type	Axial	Axial	Axial	Axial	Axial	Axial	Axial	Axial
Motor Type	Totally Enclosed	Totally Enclosed	Totally Enclosed	Totally Enclosed	Totally Enclosed	Totally Enclosed	Totally Enclosed	Totally Enclosed
Quantity	1	1	1	1	1	1	2	2
HP (hp)	2	2	2	2	2	2	2	2
Air flow (CFM)	5,000	5,000	5,000	5,000	5,000	5,000	10,000	10,000
Fan Speed (RPM)	850	850	850	850	850	850	1140	1140
DIMENSIONS (inch)	84 x 34 ½ x 51 ½	84 x 34 ½ x 51 ½	84 x 34 ½ x 51 ½	84 x 34 ½ x 51 ½	84 x 34 ½ x 87	84 x 34 ½ x 87	84 x 34 ½ x 87	84 x 34 ½ x 87
WEIGHT (lbs)	1,300	1,300	1,400	1,400	1,800	1,800	1,820	1,950

- Notes:**
- Capacity rating conditions: 95 °F entering condenser air temperature, 120°F condenser temperature.
 - Condensing unit shipped with holding charge of nitrogen, will require field charging with freon.
 - TZW-Tandem Scrolls, DZW-Dual Scrolls chillers.