

AIR COOLED CONDENSING UNITS
GENERAL SPECIFICATIONS OF AIR COOLED CONDENSING UNITS

MODEL NUMBER	VCU010TZV ³	VCU010DZV ³	VCU015TZV	VCU015DZV	VCU020TZV	VCU020DZV	VCU025DZV	VCU030DZV	VCU035DZV
Nominal Capacity (tons) ¹	10	10	15	15	20	20	25	30	35
Refrigeration Circuits	1	2	1	2	1	2	2	2	2
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
COMPRESSOR	ZP61KCE		ZP90KCE		ZP120KCE		ZP154KCE	ZP182KCE	ZP235KC
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	2	Scroll
Quantity	Tandem	2	Tandem	2	Tandem	2	2	2	2
Weight (each)(lbs)	105	105	150	150	160	160	165	170	386
Nominal HP (per compressor) (hp)	5.0	5.0	7.5	7.5	10.0	10.0	13.0	15.0	20.0
Power (kW)	5.2	5.2	7.5	7.5	9.8	9.8	12.4	14.5	18.7
CONDENSER COILS									
Quantity	Dual	1	Dual	1	Dual	1	2	2	2
Max. Working Refrigeration Pressure (PSI)	700	700	700	700	700	700	700	700	700
Fin Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Tube Material	Copper	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	3/8
Number of Rows	3	3	3	3	3	3	4	5	6
CONDENSER FANS									
Fan Type	Axial	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	Totally Enclosed
Quantity	1	1	1	1	1	1	2	2	2
HP (hp)	2	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	10,000
Fan Speed (RPM)	850	850	850	850	850	850	1140	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	84 x 34 ½ x 92
WEIGHT (lbs)	1,300	1,300	1,400	1,400	1,800	1,800	1,820	1,950	2,370

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