



VCL 167K-321P

Refrigerant condensers

Engineering data

REMARK: Do not use for construction. Refer to factory certified dimensions & weights. This page includes data current at time of publication, which should be reconfirmed at the time of purchase. In the interest of product improvement, specifications, weights and dimensions are subject to change without notice.

General notes

1. All models are single coil section units. Fan cycling results only in on-off operation. For additional steps of control, the Baltiguard[®] Drive System and two-speed fan motors are available. More precise capacity control can be obtained with modulating fan discharge dampers.
2. Make up, overflow, suction, drain connections and access door can be provided on side opposite of that shown; consult your BAC representative.
3. Unit height is indicative, for precise value refer to certified print.
4. Shipping/operating weights indicated are for units without accessories such as sound attenuators, discharge hoods, etc. Consult factory certified prints to obtain weight additions and the heaviest section to be lifted.
5. For indoor applications of evaporative condensers, the room may be used as a plenum with ductwork attached to the discharge only. If inlet ductwork is required, an enclosed fan section must be specified; consult your BAC representative for details.
6. Fan kW is at 0 Pa ESP. To operate against external static pressure up to 125 Pa, increase each fan motor one size.
7. Refrigerant charge listed is R 717 operating charge. To determine operating charge of R22 refrigerants, multiply by: 1,93. For R134A, multiply by: 1,98.
8. Refrigerant connections are standard bevelled for welding.

Last update: 01/09/2024

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1. Refrigerant in ND100; 2. Refrigerant out ND100; 3. Access; 4. Make up ND40; 5. Overflow ND80; 6. Drain ND50; 7. Spray pump; 8. Fan motor.



| Model | Weights (kg) | | | Dimensions (mm) | | | | Air Flow (m³/s) | Fan Motor (kW) | Water Flow (l/s) | Fluid Outlet ND (mm) | R717 charge (kg) |
|-----------|-------------------|------------------|-----------------------|-----------------|------|------|------|-----------------|----------------|------------------|----------------------|------------------|
| | Oper. Weight (kg) | Ship. Weight(kg) | Heaviest Section (kg) | L1 | L2 | W | H | | | | | |
| VCL 171-N | 4740 | 3170 | 3170 | 4560 | 2730 | 2400 | 1855 | 23.3 | (1x) 18.5 | 17.9 | (1x) 1.1 | 84.0 |
| VCL 167-K | 5260 | 3650 | 3650 | 4560 | 2730 | 2400 | 2090 | 17.4 | (1x) 7.5 | 17.9 | (1x) 1.1 | 110.0 |
| VCL 185-L | 5290 | 3680 | 3680 | 4560 | 2730 | 2400 | 2090 | 19.6 | (1x) 11.0 | 17.9 | (1x) 1.1 | 110.0 |
| VCL 208-N | 5310 | 3700 | 3700 | 4560 | 2730 | 2400 | 2090 | 22.8 | (1x) 18.5 | 17.9 | (1x) 1.1 | 110.0 |
| VCL 209-L | 5860 | 4210 | 4210 | 4560 | 2730 | 2400 | 2350 | 19.3 | (1x) 11.0 | 17.9 | (1x) 1.1 | 144.0 |
| VCL 235-N | 5880 | 4240 | 4240 | 4560 | 2730 | 2400 | 2350 | 22.3 | (1x) 18.5 | 17.9 | (1x) 1.1 | 144.0 |
| VCL 219-L | 6420 | 4750 | 4750 | 4560 | 2730 | 2400 | 2560 | 18.9 | (1x) 11.0 | 17.9 | (1x) 1.1 | 166.0 |
| VCL 258-O | 6570 | 4790 | 4790 | 4560 | 2730 | 2400 | 2560 | 23.0 | (1x) 22.0 | 17.9 | (1x) 1.1 | 166.0 |
| VCL 239-L | 7270 | 5030 | 5030 | 5480 | 3650 | 2400 | 2350 | 20.7 | (1x) 11.0 | 24.2 | (1x) 2.2 | 184.0 |
| VCL 257-M | 7280 | 5040 | 5040 | 5480 | 3650 | 2400 | 2350 | 22.6 | (1x) 15.0 | 24.2 | (1x) 2.2 | 184.0 |
| VCL 285-O | 7300 | 5060 | 5060 | 5480 | 3650 | 2400 | 2350 | 25.6 | (1x) 22.0 | 24.2 | (1x) 2.2 | 184.0 |
| VCL 286-N | 7990 | 5690 | 5690 | 5480 | 3650 | 2400 | 2560 | 23.9 | (1x) 18.5 | 24.2 | (1x) 2.2 | 220.0 |
| VCL 299-O | 8010 | 5710 | 5710 | 5480 | 3650 | 2400 | 2560 | 25.3 | (1x) 22.0 | 24.2 | (1x) 2.2 | 220.0 |
| VCL 321-P | 8110 | 5810 | 5810 | 5480 | 3650 | 2400 | 2560 | 27.5 | (1x) 30.0 | 24.2 | (1x) 2.2 | 220.0 |