



# Sound attenuation XC

## 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. Standard refrigerant connection sizes are ND 100 BSP MPT inlet and outlet (for models VXC 14 through 28 refrigerant connection sizes are ND 80 BSP MPT), consult your local BAC representative for size and location. Other connection sizes are available on special order. Refrigerant connections are standard bevelled for welding.
2. Make up, overflow, suction, drain connection and access door can be provided on side opposite to 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. The drawing units with only one spray pump show the standard right hand arrangement has the air inlet side on the right when facing the connection end . Left hand can be furnished by special order.
6. Coil, overflow, make-up and spray water connections are always located on the same end of the unit. For double pump units an additional overflow connection will be installed on the other end of the unit.
7. On model VXC 14 through VXC 135 access doors are located at the opposite of the air inlet side, ensure sufficient space for entry when positioning these units.
8. 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.
9. Fan kW is at 0 Pa ESP. To operate against external static pressure up to 125 Pa, increase each fan motor one size.
10. Refrigerant charge listed is R717 operating charge. To determine operating charge of R 22 refrigerant, multiply by: 1.93. For R134A, multiply by : 1.98.
11. For dry operation, standard motors must be increased one size to avoid motor overloading. Extended surface coils are available to vastly increase dry capacity without motor size increase. Consult your BAC Representative for selection and pricing.
12. Models VXC 357-454, VXC 562-380, VXC 495-516 and VXC 725-804 have only 1 coil casing section and one or two fan motors. Fan cycling results in only on-off operation. On these units all fans need to operate simultaneously.
13. Models VXC 714-907, VXC 1124-1360, VXC 990-1032 and VXC 1430-1608 have 2 coils casing sections and one or two fan motors per coil casing section. Fan cycling results in only on-off operation. On these units all



fans need to operate simultaneously per coil casing section.

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1. Access door; L = Unit Length; W = Unit Width; H = Unit Height (see Engineering data).



Model	Unit + Atten # pieces shipped	# Access Doors		Dimensions (mm)					Weights (kg)			
		Discharge	Intake	W2	H1	W1	L1	L2	Intake	Solid Bottom	Discharge	Total
14-28	4 <sup>1</sup>	1	2	N.A.	1090	1030	890	902	N.A.	30	N.A.	N.A.
36-65	4 <sup>1</sup>	1	2	N.A.	1090	1030	1800	1816	N.A.	50	N.A.	N.A.
72-97	4	1	2	N.A.	1090	1030	2710	2731	N.A.	70	N.A.	N.A.
110-135	4	1	2	N.A.	1090	1030	3635	3645	830	100	N.A.	N.A.
150-205	4	1	2	3728	1600	1420	3635	3645	1080	120	1070	2270
221-265	4	1	2	4687	2070	1955	3525	3645	1420	190	1330	2940
S288-S350	4	1	2	4687	2070	2365	3550	3645	1420	190	1640	3250
S403-S504	4	2	2	4687	2070	2365	5385	5480	1970	300	2240	4510
S576-S700	7	2	2	4687	2070	2365	7200	7322	2840	380	3280	6500
S806-S1010	7	4	2	4687	2070	2365	10885	10998	3940	600	4480	9020
357-454	4	1	2	5290	2560	2965	3525	3645	1620	230	1820	3670
562-680	4	2	2	5290	2560	2965	5365	5480	2240	350	2490	5080
714-908	7	2	2	5290	2560	2965	7050	7322	3240	460	3640	7340
1124-1360	7	4	2	5290	2560	2965	10730	10994	4480	700	4980	10160
495-516	4	1	2	5897	2560	3575	3525	3645	1620	280	2130	4030
715-804	4	2	2	5897	2560	3575	5365	5480	2240	420	2920	5580
990-1032	7	2	2	5897	2560	3575	7050	7322	3240	560	4260	8060
1430-1608	7	4	2	5897	2560	3575	10730	10994	4480	840	5840	11160