



# Sound attenuation XB

## 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-off operation. On these units all



fans need to operate simultaneously per coil casing section.

**Last update:** 01/12/2024

## **Sound attenuation XB**



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	2352	1090	1030	890	902	130	30	150	310
36-65	4 <sup>1</sup>	1	2	2352	1090	1030	1800	1816	220	50	220	490
72-97	4	1	2	2352	1090	1030	2710	2731	300	70	350	720
110-135	4	1	2	2352	1090	1030	3635	3645	370	100	420	890
150-205	4	1	2	2583	1600	1420	3635	3645	480	120	520	1120
221-265	4	1	2	3542	2070	1955	3525	3645	630	190	650	1220
S288-S350	4	1	2	3542	2070	2365	3550	3645	630	190	800	1620
S403-S504	4	2	2	3542	2070	2365	5385	5480	860	300	1090	2250
S576-S700	7	2	2	3542	2070	2365	7200	7322	1260	380	1600	3240
S806-S1010	7	4	2	3542	2070	2365	10885	10998	1720	600	2180	4500
357-454	4	1	2	4145	2560	2965	3525	3645	710	230	880	1820
562-680	4	2	2	4145	2560	2965	5365	5480	980	350	1210	2540
714-908	7	2	2	4145	2560	2965	7050	7322	1420	460	1760	3640
1124-1360	7	4	2	4145	2560	2965	10730	10994	1960	700	2420	5080
495-516	4	1	2	2752	2650	3575	3525	3645	710	280	1030	2020
715-804	4	2	2	4752	2560	3575	5365	5480	980	420	1410	2810
990-1032	7	2	2	4752	2560	3575	7050	7322	1420	560	2060	4040
1430-1608	7	4	2	4752	2560	3575	10730	10994	1960	840	2820	5620