Sound attenuation XA

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 nd 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 positionning 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 change. 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

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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).

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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[1]	1	2	2352	1090	1030	890	902	110	30	130	270
36-65	4[1]	1	2	2352	1090	1030	1800	1816	175	50	185	400
72-97	4	1	2	2352	1090	1030	2710	2731	230	70	280	580
110-135	4	1	2	2352	1090	1030	3635	3645	300	100	360	760
150-205	4	1	2	2583	1600	1420	3635	3645	380	120	440	940
221-265	4	1	2	3542	2070	1955	3525	3645	500	190	530	1120
S288-S350	4	1	2	3542	2070	2365	3550	3645	500	190	660	1350
S403-S504	4	2	2	3542	2070	2365	5385	5480	660	300	830	1970
S576-S700	7	2	2	3542	2070	2365	7200	7322	1000	380	1320	2700
S806-S1010	7	4	2	3542	2070	2365	10885	10998	1320	600	1660	3580
357-454	4	1	2	4145	2560	2965	3525	3645	560	230	710	1500
562-680	4	2	2	4145	2560	2965	5365	5480	730	350	900	1980
714-908	7	2	2	4145	2560	2965	7050	7322	1120	460	1420	3000
1124-1360	7	4	2	4145	2560	2965	10730	10994	1460	700	1800	3960
495-516	4	1	2	2752	2560	3575	3525	3645	560	280	810	1650
715-804	4	2	2	4752	2560	3575	5365	5480	730	420	1020	2170
990-1032	7	2	2	4752	2560	3575	7050	7322	1120	560	1620	3300
1430-1608	7	4	2	4752	2560	3575	10730	10994	1460	840	2040	4340

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