

Evaporative Condensers



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Selection

The heat rejection method is BAC's recommended selection method. The selection can be made via BAC's free product selection software available at www.BaltimoreAircoil.com or manually as described below.

Contact your local BAC Representative for assistance with alternate refrigerant selections.

> Heat Rejection Method

In a mechanical refrigeration system, the function of an evaporative condenser is to reject heat to the environment. The heat to be rejected is the sum of the heat input at the evaporator and the energy input at the compressor. For a given set of operating conditions, the energy input through the compression process can vary. Therefore, in order to accurately determine the proper evaporative condenser required, it is necessary to establish the compressor energy input as well as the heat absorbed in the evaporator.

> Selection Procedure

The Base Heat Rejection of evaporative condensers are shown in **Tables 1** through **5**. **Tables 6** through **8** present the capacity factors to be applied to the system heat rejection for various condensing temperatures, entering wet-bulbs, and refrigerants.

- ✓ Establish total heat rejection required in thousands of BTU per hour (MBH):
Total heat rejection = compressor evaporator capacity (MBH) + compressor BHP x 2.545.
- ✓ Determine the refrigerant and design conditions for condensing temperature and entering wet-bulb temperature.
- ✓ Using the appropriate table for the system refrigerant and model (**Tables 6** through **8**), determine the capacity factor for the design condensing temperature and entering wet-bulb temperature.
- ✓ Multiply the total heat rejection by the capacity factor determined in the previous step.
- ✓ From **Tables 1** through **5**, select the evaporative condenser whose Base Heat Rejection equals or exceeds the corrected heat rejection calculated in the previous step.

> Selection Example

GIVEN:

R-717 refrigerant

Compressor evaporator capacity = 550 tons

Compressor BHP = 600 HP

Condensing temperature = 95°F

Entering wet-bulb temperature = 76°F

> Solution

- ✓ Determine the total heat rejection:
 - Compressor evaporator capacity =
 $550 \text{ TR} \times 12 \text{ MBH/TR} = 6,600 \text{ MBH}$
 - Compressor BHP input =
 $600 \text{ BHP} \times 2.545 \text{ MBH/BHP} = 1,527 \text{ MBH}$
 - Total heat rejection = 8,127 MBH
- ✓ From **Table 6**, the heat rejection capacity factor for R-717 at 95°F condensing temperature and 76°F entering wet-bulb temperature is 1.35.
- ✓ Multiply: $8,127 \text{ MBH} \times 1.35 = 10,972 \text{ MBH}$
- ✓ From **Tables 1** through **5** select a unit with a Base Heat Rejection equal to or greater than 10,972 MBH: Model CXVB-545-1218-30.



TABLE 1: CXVT AND CXVB BASE HEAT REJECTION

Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)
CXVT-617-1224-15	12,783	CXVT-2114-2826-150	43,816	CXVB-113-0809-3	2,336	CXVB-299-1212-10	6,181	CXVB-567-1218-37.5	11,721
CXVT-650-1224-20	13,463	XECXVT540-1224-10	11,190	CXVB-117-0806-5	2,419	CXVB-302-1212-20	6,243	CXVB-571-1224-30	11,804
CXVT-676-1224-25	14,014	XECXVT605-1224-10	12,539	CXVB-123-0806-10	2,543	CXVB-306-1212-10	6,326	CXVB-581-1218-37.5	12,010
CXVT-700-1224-40	14,503	XECXVT629-1426-10	13,030	CXVB-124-0809-5	2,563	CXVB-310-0818-15	6,408	CXVB-595-1224-20	12,300
CXVT-712-1426-20	14,761	XECXVT636-1224-10	13,186	CXVB-126-0809-3	2,605	CXVB-314-1212-15	6,491	CXVB-598-1224-20	12,362
CXVT-731-1224-50	15,159	XECXVT684-1224-15	14,184	CXVB-134-0809-7.5	2,770	CXVB-315-1212-10	6,512	CXVB-601-1218-45	12,424
CXVT-741-1426-25	15,366	XECXVT698-1426-10	14,474	CXVB-137-0806-15	2,832	CXVB-321-0818-15	6,636	CXVB-604-1224-40	12,486
CXVT-754-1224-60	15,624	XECXVT721-1224-20	14,938	CXVB-138-0809-3	2,853	CXVB-327-0818-15	6,760	CXVB-612-1224-20	12,651
CXVT-766-1426-30	15,879	XECXVT734-1426-10	15,221	CXVB-138-0809-5	2,853	CXVB-327-1212-15	6,760	CXVB-628-1218-60	12,982
CXVT-778-1224-50	16,131	XECXVT750-1224-25	15,550	CXVB-141-0809-3	2,915	CXVB-329-0818-22.5	6,801	CXVB-629-1224-30	13,003
CXVT-807-1426-40	16,723	XECXVT775-1224-30	16,069	CXVB-144-0809-7.5	2,977	CXVB-341-1212-20	7,049	CXVB-630-1224-20	13,023
CXVT-813-1224-50	16,843	XECXVT790-1426-15	16,373	CXVB-152-0809-5	3,142	CXVB-341-1212-15	7,049	CXVB-643-1218-60	13,292
CXVT-843-1224-60	17,483	XECXVT832-1426-20	17,244	CXVB-158-0809-5	3,266	CXVB-342-0818-15	7,070	CXVB-655-1224-30	13,540
CXVT-844-1426-50	17,484	XECXVT866-1426-25	17,950	CXVB-163-0809-7.5	3,370	CXVB-345-0818-30	7,132	CXVB-682-1224-30	14,098
CXVT-887-1224-60	18,386	XECXVT895-1426-30	18,549	CXVB-172-0812-7.5	3,556	CXVB-355-1212-25	7,339	CXVB-682-1224-40	14,098
CXVT-894-1426-50	18,520	XECXVT942-1426-40	19,535	CXVB-190-0809-15	3,928	CXVB-357-0818-22.5	7,380	CXVB-711-1224-50	14,698
CXVT-933-1426-50	19,337	XECXVT1080-2424-20	22,385	CXVB-195-0812-10	4,031	CXVB-360-1218-15	7,442	CXVB-719-1236-30	14,863
CXVT-965-1426-60	19,999	XECXVT1210-2424-20	25,079	CXVB-204-0812-7.5	4,217	CXVB-370-1212-25	7,649	CXVB-739-1224-50	15,277
CXVT-1005-1426-75	20,838	XECXVT1258-2826-20	26,074	CXVB-207-0809-20	4,279	CXVB-373-0818-30	7,711	CXVB-762-1224-60	15,752
CXVT-1057-1426-75	21,914	XECXVT1272-2424-20	26,364	CXVB-207-0812-15	4,279	CXVB-381-1212-30	7,876	CXVB-786-1224-60	16,248
CXVT-1234-2424-30	25,577	XECXVT1368-2424-30	28,354	CXVB-216-0812-7.5	4,465	CXVB-387-0818-30	8,000	CXVB-806-1236-30	16,662
CXVT-1300-2424-40	26,945	XECXVT1396-2826-20	28,935	CXVB-217-0812-15	4,486	CXVB-393-1212-30	8,124	CXVB-821-1224-80	16,972
CXVT-1352-2424-50	28,023	XECXVT1442-2424-40	29,888	CXVB-221-0812-7.5	4,569	CXVB-403-1218-15	8,331	CXVB-875-1236-45	18,088
CXVT-1400-2424-80	29,017	XECXVT1468-2826-20	30,427	CXVB-226-0812-7.5	4,672	CXVB-409-0818-45	8,455	CXVB-888-1236-30	18,357
CXVT-1424-2826-40	29,515	XECXVT1500-2424-50	31,090	CXVB-227-0812-20	4,693	CXVB-411-1212-40	8,496	CXVB-914-1236-30	18,894
CXVT-1462-2424-100	30,302	XECXVT1550-2424-60	32,126	CXVB-237-0812-10	4,899	CXVB-437-1218-22.5	9,034	CXVB-918-1236-30	18,977
CXVT-1482-2826-50	30,717	XECXVT1580-2826-30	32,748	CXVB-237-1212-10	4,899	CXVB-444-1218-15	9,178	CXVB-933-1236-30	19,287
CXVT-1508-2424-120	31,256	XECXVT1664-2826-40	34,489	CXVB-238-0812-15	4,920	CXVB-457-1218-15	9,447	CXVB-964-1236-45	19,928
CXVT-1532-2826-60	31,753	XECXVT1732-2826-50	35,899	CXVB-241-0812-10	4,982	CXVB-459-1218-15	9,488	CXVB-966-1236-30	19,969
CXVT-1556-2424-100	32,251	XECXVT1790-2826-60	37,101	CXVB-248-0818-15	5,127	CXVB-467-1218-15	9,654	CXVB-1027-1236-45	21,230
CXVT-1614-2826-80	33,453	XECXVT1884-2826-80	39,049	CXVB-259-0812-20	5,354	CXVB-473-1224-20	9,778	CXVB-1049-1236-45	21,685
CXVT-1626-2424-100	33,702	CXVB-75-0806-3	1,550	CXVB-264-1212-10	5,457	CXVB-482-1218-22.5	9,964	CXVB-1049-1236-60	21,685
CXVT-1686-2424-120	34,945	CXVB-87-0806-3	1,798	CXVB-268-0818-15	5,540	CXVB-483-1218-15	9,985	CXVB-1089-1236-60	22,512
CXVT-1688-2826-100	34,987	CXVB-94-0806-3	1,943	CXVB-270-0812-25	5,581	CXVB-513-1218-22.5	10,605	CXVB-1134-1236-75	23,442
CXVT-1774-2424-120	36,769	CXVB-95-0806-5	1,964	CXVB-281-0818-15	5,809	CXVB-525-1218-22.5	10,853	CXVB-1161-1236-75	24,000
CXVT-1788-2826-100	37,059	CXVB-102-0806-7.5	2,109	CXVB-284-0812-30	5,871	CXVB-525-1218-30	10,853	CXVB-1202-1236-90	24,848
CXVT-1866-2826-100	38,676	CXVB-106-0806-3	2,191	CXVB-285-1212-15	5,892	CXVB-528-1224-20	10,915	CXVB-1257-1236-120	25,985
CXVT-1930-2826-120	40,002	CXVB-111-0806-10	2,295	CXVB-297-1212-10	6,140	CXVB-545-1218-30	11,266	CXVB-1287-1236-120	26,605
CXVT-2010-2826-150	41,661								

Selection

TABLE 2: PCC BASE HEAT REJECTION

Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)
PCC-0046-0406N003	953	PCC-0330-1212N025	6,840	PCC-0586-1224N030	12,146	PCC-0938-2418N040	19,441	PCC-1268-1236N120	26,278
PCC-0048-0406N005	995	PCC-0346-1212N025	7,171	PCC-0590-1218N050	12,229	PCC-0974-1240N040	20,192	PCC-1270-1240N100	26,319
PCC-0057-0406N005	1,181	PCC-0349-0718N020	7,234	PCC-0590-2012N060	12,229	PCC-0980-1236N080	20,315	PCC-1278-2418N120	26,488
PCC-0067-0406N7.5	1,389	PCC-0355-1212N025	7,358	PCC-0590-1024N060	12,229	PCC-0982-2420N040	20,353	PCC-1280-2420N100	26,530
PCC-0078-0412N006	1,617	PCC-0365-1212N030	7,565	PCC-0591-1220N040	12,249	PCC-0988-2418N080	20,478	PCC-1308-1240N100	27,100
PCC-0090-0412N010	1,865	PCC-0375-1212N030	7,772	PCC-0609-1218N050	12,622	PCC-0996-2424N040	20,643	PCC-1318-2420N100	27,317
PCC-0106-0412N010	2,197	PCC-0381-1218N015	7,897	PCC-0614-1220N050	12,726	PCC-1026-1236N060	21,261	PCC-1320-2424N100	27,359
PCC-0113-0709N010	2,342	PCC-0395-1212N040	8,187	PCC-0618-2412N040	12,809	PCC-1030-1240N040	21,343	PCC-1367-1240N120	28,334
PCC-0117-0709N7.5	2,425	PCC-0396-1212N040	8,208	PCC-0618-1224N040	12,809	PCC-1034-2418N060	21,431	PCC-1378-2420N120	28,561
PCC-0118-0412N010	2,446	PCC-0406-1212N040	8,415	PCC-0622-1220N040	12,892	PCC-1038-2420N040	21,514	PCC-1384-2424N100	28,685
PCC-0122-0412N015	2,529	PCC-0416-2012N020	8,622	PCC-0630-2012N080	13,058	PCC-1054-1236N080	21,837	PCC-1420-2424N100	29,431
PCC-0122-0709N7.5	2,529	PCC-0416-1024N020	8,622	PCC-0630-1024N080	13,058	PCC-1060-2424N060	21,970	PCC-1460-2424N120	30,261
PCC-0128-0412N015	2,653	PCC-0431-1220N015	8,933	PCC-0639-1218N060	13,244	PCC-1062-2418N080	22,011	PCC-1500-2424N120	31,090
PCC-0130-0709N7.5	2,694	PCC-0441-1218N020	9,140	PCC-0640-1220N050	13,265	PCC-1071-1240N060	22,207	PCC-1501-2436N060	31,118
PCC-0134-0412N015	2,777	PCC-0466-2012N030	9,659	PCC-0646-2012N060	13,389	PCC-1073-1236N080	22,248	PCC-1580-2424N160	32,748
PCC-0142-0709N015	2,943	PCC-0466-1024N030	9,659	PCC-0646-1024N060	13,389	PCC-1079-1240N080	22,371	PCC-1584-2424N160	32,831
PCC-0154-0709N015	3,192	PCC-0469-1218N020	9,721	PCC-0656-2012N060	13,597	PCC-1080-2420N060	22,385	PCC-1624-2424N160	33,660
PCC-0160-0709N020	3,316	PCC-0491-1220N020	10,177	PCC-0656-1024N060	13,597	PCC-1082-2418N080	22,426	PCC-1710-2440N060	35,449
PCC-0163-0709N015	3,378	PCC-0492-2012N020	10,197	PCC-0659-1220N050	13,659	PCC-1088-2420N080	22,550	PCC-1738-2436N080	36,019
PCC-0166-0709N020	3,441	PCC-0492-1024N020	10,197	PCC-0660-2412N050	13,679	PCC-1105-1240N050	22,906	PCC-1848-2436N080	38,306
PCC-0175-0709N020	3,627	PCC-0494-1218N040	10,239	PCC-0660-1224N050	13,679	PCC-1114-2420N050	23,089	PCC-1947-2436N160	40,348
PCC-0177-0718N010	3,669	PCC-0498-2412N020	10,322	PCC-0689-1220N060	14,280	PCC-1119-1236N100	23,194	PCC-1948-2440N080	40,383
PCC-0184-0709N020	3,814	PCC-0498-1224N020	10,322	PCC-0692-2412N050	14,343	PCC-1125-1240N060	23,317	PCC-2037-2436N120	42,226
PCC-0208-1012N010	4,311	PCC-0517-1218N030	10,716	PCC-0692-1224N050	14,343	PCC-1128-2418N100	23,379	PCC-2060-2440N080	42,686
PCC-0214-0718N020	4,435	PCC-0519-1220N020	10,757	PCC-0710-2412N050	14,716	PCC-1134-2420N060	23,504	PCC-2092-2436N160	43,370
PCC-0222-0718N015	4,601	PCC-0530-2412N030	10,985	PCC-0710-1224N050	14,716	PCC-1135-1236N080	23,523	PCC-2132-2436N160	44,187
PCC-0232-0718N015	4,809	PCC-0530-1224N030	10,985	PCC-0730-2412N060	15,130	PCC-1144-2418N080	23,711	PCC-2143-2440N120	44,413
PCC-0233-1012N015	4,829	PCC-0531-1218N040	11,006	PCC-0730-1224N060	15,130	PCC-1151-1240N060	23,852	PCC-2159-2440N160	44,742
PCC-0246-1012N010	5,099	PCC-0538-2012N060	11,151	PCC-0750-2412N060	15,545	PCC-1153-1240N080	23,893	PCC-2210-2440N100	45,812
PCC-0249-1212N010	5,161	PCC-0538-1024N060	11,151	PCC-0750-1224N060	15,545	PCC-1160-2420N060	24,043	PCC-2223-2436N200	46,065
PCC-0265-1212N015	5,492	PCC-0540-1220N030	11,192	PCC-0756-1236N030	15,668	PCC-1162-2420N080	24,084	PCC-2250-2440N120	46,634
PCC-0267-0718N030	5,534	PCC-0541-1218N040	11,213	PCC-0762-2418N030	15,794	PCC-1171-1236N100	24,263	PCC-2254-2436N160	46,719
PCC-0269-1012N030	5,575	PCC-0544-2012N040	11,275	PCC-0790-2412N080	16,374	PCC-1172-2424N060	24,291	PCC-2302-2440N120	47,703
PCC-0272-1012N020	5,638	PCC-0544-1024N040	11,275	PCC-0790-1224N080	16,374	PCC-1173-1240N080	24,304	PCC-2306-2440N160	47,786
PCC-0278-0718N030	5,762	PCC-0544-1220N040	11,275	PCC-0792-2412N080	16,415	PCC-1180-2418N100	24,457	PCC-2325-2436N200	48,189
PCC-0281-1012N025	5,824	PCC-0557-1220N025	11,545	PCC-0792-1224N080	16,415	PCC-1182-2420N080	24,499	PCC-2345-2440N160	48,608
PCC-0293-1212N015	6,073	PCC-0562-2012N050	11,648	PCC-0812-2412N080	16,830	PCC-1208-1236N100	25,044	PCC-2400-2436N200	49,741
PCC-0295-1012N030	6,114	PCC-0562-1024N050	11,648	PCC-0812-1224N080	16,830	PCC-1218-2418N100	25,245	PCC-2436-2440N200	50,500
PCC-0300-0718N040	6,218	PCC-0564-1218N050	11,690	PCC-0855-1240N030	17,724	PCC-1218-1240N100	25,250	PCC-2468-2440N160	51,158
PCC-0309-1212N020	6,404	PCC-0567-1220N030	11,752	PCC-0862-2420N030	17,866	PCC-1228-2420N100	25,452	PCC-2518-2436N240	52,191
PCC-0315-1012N040	6,529	PCC-0572-1218N040	11,856	PCC-0875-1236N040	18,135	PCC-1234-1240N080	25,579	PCC-2540-2440N200	52,638
PCC-0323-1012N030	6,695	PCC-0580-1220N030	12,021	PCC-0882-2418N040	18,281	PCC-1236-2424N080	25,618	PCC-2615-2440N200	54,201
PCC-0324-0718N020	6,715	PCC-0581-1220N040	12,042	PCC-0931-1236N040	19,287	PCC-1244-2420N080	25,784	PCC-2734-2440N240	56,668
PCC-0328-1012N030	6,798	PCC-0586-2412N030	12,146						

TABLE 3: VCA BASE HEAT REJECTION

Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)
VCA-122A	1,793	VCA-491A	7,218	VCA-887A	13,039
VCA-138A	2,029	VCA-507A	7,453	VCA-895A	13,157
VCA-150A	2,205	VCA-510A	7,497	VCA-902A	13,259
VCA-154A	2,264	VCA-512A	7,526	VCA-920A	13,524
VCA-161A	2,367	VCA-513A	7,541	VCA-928A	13,642
VCA-170A	2,499	VCA-526A	7,732	VCA-930A	13,671
VCA-174A	2,558	VCA-537A	7,894	VCA-S932A	13,700
VCA-178A	2,617	VCA-541A	7,953	VCA-942A	13,847
VCA-182A	2,675	VCA-543A	7,982	VCA-946A	13,906
VCA-191A	2,808	VCA-560A	8,232	VCA-957A	14,068
VCA-192A	2,822	VCA-580A	8,526	VCA-S972A	14,288
VCA-195A	2,867	VCA-581A	8,541	VCA-982A	14,435
VCA-206A	3,028	VCA-582A	8,555	VCA-1010A	14,847
VCA-215A	3,161	VCA-585A	8,600	VCA-S1019A	14,979
VCA-227A	3,337	VCA-584A	8,600	VCA-1020A	14,994
VCA-235A	3,455	VCA-600A	8,820	VCA-1024A	15,053
VCA-259A	3,807	VCA-602A	8,849	VCA-1026A	15,082
VCA-261A	3,837	VCA-605A	8,894	VCA-1052A	15,464
VCA-273A	4,013	VCA-609A	8,952	VCA-1062A	15,611
VCA-288A	4,234	VCA-620A	9,114	VCA-S1071A	15,744
VCA-300A	4,410	VCA-623A	9,158	VCA-1075A	15,803
VCA-301A	4,425	VCA-626A	9,202	VCA-1082A	15,905
VCA-302A	4,439	VCA-642A	9,437	VCA-1086A	15,964
VCA-308A	4,528	VCA-653A	9,599	VCA-1120A	16,464
VCA-322A	4,733	VCA-661A	9,717	VCA-S1124A	16,523
VCA-323A	4,748	VCA-662A	9,731	VCA-1160A	17,052
VCA-331A	4,866	VCA-664A	9,761	VCA-1162A	17,081
VCA-340A	4,998	VCA-680A	9,996	VCA-1169A	17,199
VCA-342A	5,027	VCA-684A	10,055	VCA-1170A	17,199
VCA-356A	5,233	VCA-688A	10,114	VCA-1200A	17,640
VCA-375A	5,513	VCA-S700A	10,296	VCA-S1204A	17,699
VCA-377A	5,542	VCA-707A	10,393	VCA-1204A	17,699
VCA-382A	5,601	VCA-711A	10,452	VCA-1218A	17,905
VCA-381A	5,601	VCA-750A	11,025	VCA-1240A	18,228
VCA-393A	5,777	VCA-751A	11,025	VCA-1246A	18,316
VCA-396A	5,821	VCA-754A	11,084	VCA-1252A	18,404
VCA-401A	5,895	VCA-760A	11,172	VCA-1284A	18,875
VCA-402A	5,909	VCA-762A	11,201	VCA-1306A	19,198
VCA-404A	5,939	VCA-779A	11,451	VCA-1321A	19,419
VCA-407A	5,983	VCA-785A	11,540	VCA-1327A	19,507
VCA-416A	6,115	VCA-804A	11,819	VCA-1376A	20,227
VCA-420A	6,174	VCA-808A	11,878	VCA-1414A	20,786
VCA-424A	6,233	VCA-814A	11,966	VCA-1422A	20,903
VCA-429A	6,306	VCA-827A	12,157	VCA-1501A	22,065
VCA-433A	6,365	VCA-S828A	12,173	VCA-1558A	22,903
VCA-446A	6,556	VCA-S838A	12,325	VCA-1570A	23,079
VCA-451A	6,630	VCA-840A	12,348	VCA-1654A	24,314
VCA-460A	6,762	VCA-858A	12,613	VCA-1774A	26,078
VCA-464A	6,821	VCA-866A	12,730	VCA-1790A	26,313
VCA-471A	6,924	VCA-S870A	12,789	VCA-1914A	28,136
VCA-473A	6,953	VCA-879A	12,921	VCA-2019A	29,679
VCA-488A	7,174	VCA-S884A	12,991		

TABLE 4: VC1 AND VC1-C BASE HEAT REJECTION

Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)
VC1-10	147	VC1-N275	4,043	VC1-908	13,348
VC1-15	221	VC1-N301	4,425	VC1-974	14,318
VC1-20	294	VC1-N315	4,631	VC1-1032	15,170
VC1-25	368	VC1-N338	4,969	VC1-1158	17,023
VC1-30	441	VC1-N357	5,248	VC1-1224	17,993
VC1-38	559	VC1-N373	5,483	VC1-1366	20,080
VC1-46	676	VC1-N417	6,130	VC1-1430	21,021
VC1-52	764	VC1-N470	6,909	VC1-1496	21,991
VC1-58	853	VC1-386	5,674	VC1-1608	23,638
VC1-65	956	VC1-436	6,409	VC1-C216	3,175
VC1-72	1,058	VC1-454	6,674	VC1-C231	3,396
VC1-80	1,176	VC1-467	6,865	VC1-C242	3,557
VC1-90	1,323	VC1-487	7,159	VC1-C260	3,822
VC1-100	1,470	VC1-516	7,585	VC1-C274	4,028
VC1-110	1,617	VC1-540	7,938	VC1-C286	4,204
VC1-125	1,838	VC1-579	8,511	VC1-C299	4,395
VC1-135	1,985	VC1-612	8,996	VC1-C320	4,704
VC1-150	2,205	VC1-646	9,496	VC1-C339	4,983
VC1-165	2,426	VC1-683	10,040	VC1-C354	5,204
VC1-185	2,720	VC1-715	10,511	VC1-C380	5,586
VC1-205	3,014	VC1-748	10,996	VC1-C396	5,821
VC1-N208	3,058	VC1-804	11,819	VC1-C424	6,233
VC1-N230	3,381	VC1-772	11,348	VC1-C445	6,542
VC1-N243	3,572	VC1-872	12,818	VC1-C469	6,894
VC1-N257	3,778	VC1-934	13,730		

TABLE 5: VCL BASE HEAT REJECTION

Model Number	Base Heat Rejection (MBH)	Model Number	Base Heat Rejection (MBH)
VCL-016	235	VCL-108	1,588
VCL-019	279	VCL-115	1,691
VCL-024	353	VCL-120	1,764
VCL-029	426	VCL-134	1,970
VCL-035	515	VCL-148	2,176
VCL-038	559	VCL-155	2,279
VCL-044	647	VCL-167	2,455
VCL-048	706	VCL-185	2,720
VCL-054	794	VCL-209	3,072
VCL-058	853	VCL-223	3,278
VCL-065	956	VCL-234	3,440
VCL-073	1,073	VCL-257	3,778
VCL-079	1,161	VCL-271	3,984
VCL-087	1,279	VCL-286	4,204
VCL-096	1,411	VCL-299	4,395
VCL-102	1,499		

Selection

TABLE 6: HEAT REJECTION CAPACITY FACTORS – R-717 AMMONIA (ALL PRODUCTS)

Condensing Pressure (psig)	Condensing Temp (°F)	Entering Wet-Bulb Temperature (°F)																
		50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82
151.3	85	0.97	1.01	1.06	1.11	1.17	1.25	1.33	1.43	1.55	1.70	1.89	2.14	2.47	2.97	3.73	—	—
154.1	86	0.94	0.98	1.02	1.07	1.13	1.19	1.27	1.36	1.46	1.60	1.76	1.97	2.26	2.66	3.26	4.25	—
156.9	87	0.91	0.95	0.99	1.03	1.08	1.14	1.21	1.29	1.39	1.51	1.65	1.83	2.08	2.40	2.88	3.63	—
159.8	88	0.88	0.91	0.95	0.99	1.04	1.10	1.16	1.23	1.32	1.42	1.55	1.71	1.92	2.20	2.58	3.16	4.13
162.6	89	0.85	0.89	0.92	0.96	1.00	1.05	1.11	1.18	1.26	1.35	1.46	1.60	1.78	2.02	2.34	2.80	3.53
165.5	90	0.83	0.86	0.89	0.93	0.97	1.01	1.07	1.13	1.20	1.28	1.38	1.51	1.67	1.87	2.13	2.51	3.08
168.5	91	0.80	0.83	0.86	0.90	0.93	0.98	1.02	1.08	1.14	1.22	1.31	1.42	1.56	1.73	1.96	2.27	2.72
171.5	92	0.78	0.81	0.83	0.87	0.90	0.94	0.99	1.04	1.10	1.17	1.25	1.35	1.47	1.62	1.82	2.08	2.44
174.5	93	0.76	0.78	0.81	0.84	0.87	0.91	0.95	1.00	1.05	1.11	1.19	1.28	1.38	1.52	1.69	1.91	2.21
177.6	94	0.74	0.76	0.79	0.81	0.84	0.88	0.92	0.96	1.01	1.07	1.13	1.21	1.31	1.43	1.58	1.77	2.02
180.7	95	0.72	0.74	0.76	0.79	0.82	0.85	0.88	0.92	0.97	1.02	1.08	1.16	1.24	1.35	1.48	1.64	1.86
185.0	96.3	0.69	0.71	0.73	0.76	0.78	0.81	0.84	0.88	0.92	0.97	1.02	1.09	1.16	1.25	1.36	1.51	1.68
187.0	97	0.68	0.70	0.72	0.74	0.77	0.79	0.83	0.86	0.90	0.94	0.99	1.05	1.13	1.21	1.31	1.44	1.60
190.2	98	0.66	0.68	0.70	0.72	0.74	0.77	0.80	0.83	0.87	0.91	0.96	1.01	1.07	1.15	1.24	1.35	1.49
193.4	99	0.65	0.66	0.68	0.70	0.72	0.75	0.77	0.80	0.84	0.87	0.92	0.97	1.03	1.10	1.18	1.28	1.40
196.7	100	0.63	0.65	0.66	0.68	0.70	0.72	0.75	0.78	0.81	0.84	0.88	0.93	0.98	1.05	1.12	1.21	1.32
231.7	105	0.56	0.57	0.58	0.60	0.61	0.63	0.65	0.67	0.69	0.71	0.74	0.77	0.81	0.85	0.89	0.95	1.01
231.8	110	0.50	0.51	0.52	0.53	0.54	0.55	0.57	0.58	0.60	0.62	0.64	0.66	0.68	0.71	0.74	0.78	0.82

TABLE 7: HEAT REJECTION CAPACITY FACTORS – R-22, R-134A (CXVB AND CXVT ONLY)

Condensing Pressure (psig)		Condensing Temp (°F)	Entering Wet-Bulb Temperature (°F)																
R-22	R-134a		50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82
155.7	95.2	85	1.16	1.21	1.27	1.33	1.41	1.50	1.60	1.72	1.87	2.05	2.29	2.59	3.01	3.61	4.56	—	—
158.2	97.1	86	1.13	1.17	1.23	1.29	1.36	1.44	1.53	1.64	1.77	1.94	2.14	2.40	2.75	3.24	3.98	5.21	—
160.7	98.9	87	1.09	1.14	1.19	1.24	1.31	1.38	1.46	1.56	1.68	1.83	2.01	2.23	2.53	2.94	3.53	4.46	—
163.2	100.7	88	1.06	1.10	1.15	1.20	1.26	1.32	1.40	1.49	1.14	1.23	1.89	2.09	2.34	2.69	3.17	3.89	5.09
165.8	102.6	89	1.03	1.07	1.11	1.16	1.21	1.27	1.34	1.43	1.53	1.64	1.78	1.96	2.18	2.47	2.87	3.45	4.35
168.4	104.3	90	0.99	1.03	1.07	1.12	1.16	1.22	1.29	1.36	1.45	1.56	1.68	1.84	2.03	2.29	2.62	3.09	3.79
171.0	106.2	91	0.97	1.00	1.04	1.08	1.13	1.18	1.24	1.31	1.39	1.49	1.60	1.74	1.91	2.13	2.41	2.80	3.36
173.7	108.1	92	0.94	0.97	1.01	1.04	1.09	1.14	1.19	1.26	1.33	1.42	1.52	1.65	1.80	1.99	2.23	2.56	3.02
176.4	110.0	93	0.91	0.94	0.98	1.01	1.05	1.10	1.15	1.21	1.28	1.36	1.45	1.56	1.70	1.86	2.08	2.35	2.73
179.1	111.9	94	0.89	0.92	0.95	0.98	1.02	1.06	1.11	1.17	1.23	1.30	1.39	1.49	1.61	1.76	1.94	2.18	2.50
181.8	113.9	95	0.87	0.89	0.92	0.95	0.99	1.03	1.07	1.12	1.18	1.25	1.33	1.42	1.53	1.66	1.82	2.03	2.30
184.6	115.9	96	0.84	0.87	0.90	0.93	0.96	1.00	1.04	1.09	1.14	1.20	1.27	1.35	1.45	1.57	1.71	1.90	2.13
187.4	117.5	97	0.82	0.85	0.87	0.90	0.93	0.97	1.01	1.05	1.10	1.15	1.22	1.30	1.38	1.49	1.62	1.78	1.98
190.2	119.9	98	0.80	0.82	0.85	0.88	0.91	0.94	0.97	1.01	1.06	1.11	1.17	1.24	1.32	1.42	1.53	1.68	1.85
193.0	122.1	99	0.78	0.80	0.83	0.85	0.88	0.91	0.94	0.98	1.03	1.07	1.13	1.19	1.27	1.35	1.46	1.58	1.74
195.9	124.1	100	0.76	0.78	0.81	0.83	0.86	0.88	0.92	0.95	0.99	1.04	1.09	1.14	1.21	1.29	1.39	1.50	1.64
210.7	149.6	105	0.68	0.70	0.71	0.73	0.75	0.77	0.80	0.82	0.85	0.88	0.92	0.96	1.00	1.05	1.11	1.18	1.26
226.4	146.4	110	0.61	0.62	0.64	0.65	0.67	0.68	0.70	0.72	0.74	0.76	0.79	0.82	0.85	0.89	0.93	0.97	1.03



TABLE 8: HEAT REJECTION CAPACITY FACTORS – R-22, R-134A (PCC, VCA, VC1, AND VCL ONLY)

Condensing Pressure (psig)		Condensing Temp (°F)	Entering Wet-Bulb Temperature (°F)																
R-22	R-134a		50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82
155.7	95.2	85	1.09	1.14	1.19	1.25	1.32	1.40	1.49	1.60	1.74	1.91	2.12	2.40	2.78	3.33	—	—	—
158.2	97.1	86	1.06	1.10	1.15	1.20	1.27	1.34	1.42	1.52	1.64	1.79	1.98	2.22	2.54	2.98	3.66	4.78	—
160.7	98.9	87	1.02	1.06	1.11	1.16	1.22	1.28	1.36	1.45	1.56	1.69	1.85	2.06	2.33	2.70	3.24	4.08	—
163.2	100.7	88	0.99	1.03	1.07	1.12	1.17	1.23	1.30	1.38	1.48	1.60	1.74	1.92	2.16	2.47	2.90	3.56	4.65
165.8	102.6	89	0.96	0.99	1.03	1.08	1.13	1.18	1.25	1.32	1.41	1.52	1.64	1.8	2.00	2.27	2.63	3.15	3.97
168.4	104.3	90	0.93	0.96	1.00	1.04	1.09	1.14	1.20	1.27	1.35	1.44	1.56	1.70	1.87	2.10	2.40	2.82	3.46
171	106.2	91	0.90	0.93	0.97	1.01	1.05	1.10	1.15	1.21	1.29	1.37	1.47	1.60	1.75	1.95	2.20	2.55	3.06
173.7	108.1	92	0.88	0.91	0.94	0.97	1.01	1.06	1.11	1.16	1.23	1.31	1.40	1.51	1.65	1.82	2.04	2.33	2.74
176.4	110	93	0.85	0.88	0.91	0.94	0.98	1.02	1.07	1.12	1.18	1.25	1.33	1.43	1.56	1.71	1.90	2.14	2.49
179.1	111.9	94	0.83	0.85	0.88	0.91	0.95	0.98	1.03	1.08	1.13	1.20	1.27	1.35	1.47	1.6	1.77	1.98	2.27
181.8	113.9	95	0.81	0.83	0.86	0.88	0.92	0.95	0.99	1.04	1.09	1.15	1.22	1.30	1.40	1.51	1.66	1.84	2.09
184.6	115.9	96	0.79	0.81	0.83	0.86	0.89	0.92	0.96	1.00	1.05	1.10	1.17	1.24	1.33	1.43	1.56	1.72	1.93
187.4	117.5	97	0.76	0.79	0.81	0.83	0.86	0.89	0.93	0.97	1.01	1.06	1.12	1.18	1.26	1.36	1.47	1.61	1.80
190.2	119.9	98	0.75	0.76	0.79	0.81	0.84	0.86	0.90	0.93	0.97	1.02	1.07	1.13	1.21	1.29	1.39	1.52	1.68
193	122.1	99	0.73	0.74	0.77	0.79	0.81	0.84	0.87	0.90	0.94	0.98	1.03	1.09	1.15	1.23	1.32	1.43	1.57
195.9	124.1	100	0.71	0.73	0.74	0.77	0.79	0.81	0.84	0.87	0.91	0.95	0.99	1.04	1.10	1.17	1.26	1.36	1.48
210.7	149.6	105	0.63	0.64	0.66	0.67	0.69	0.71	0.73	0.75	0.77	0.8	0.83	0.87	0.91	0.95	1.00	1.07	1.14
226.4	146.4	110	0.56	0.57	0.58	0.60	0.61	0.62	0.64	0.65	0.67	0.69	0.71	0.74	0.77	0.85	0.83	0.87	0.92

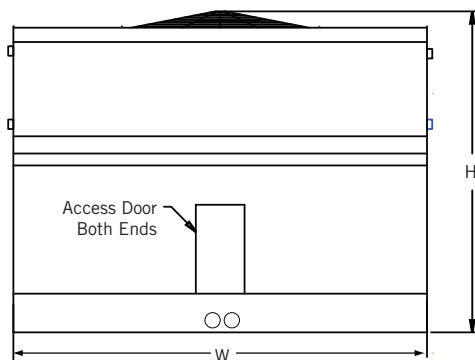


NOTE: Consult your local BAC Representative for evaporative condenser selections for systems utilizing the following:

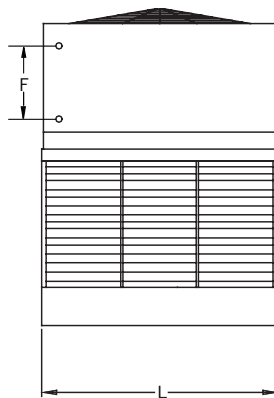
- ✓ Hydrocarbon refrigerants such as propane, butane, or propylene
- ✓ Centrifugal compressors
- ✓ Rotary screw compressors with water-cooled oil coolers
- ✓ Ammonia evaporative condensers with desuperheaters
- ✓ Halocarbon evaporative condensers with subcooling

Sign up for free selection software at www.BaltimoreAircoil.com.

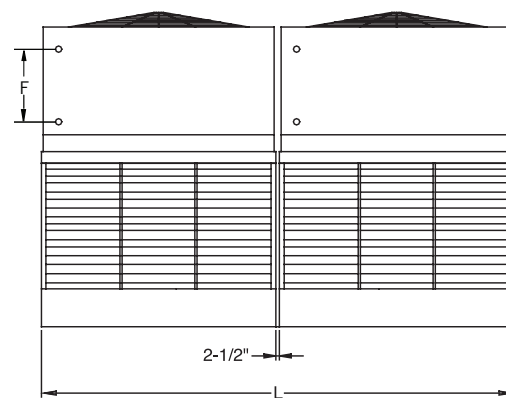
CXVT Engineering Data



End Elevation:
CXVT Units



Side Elevation:
CXVT-x-1224-x and CXVT-x-1426-x



Side Elevation:
CXVT-x-2424-x and CXVT-x-2826-x



NOTES:

1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. Coil connections also available on the end. For other refrigerants, contact your local BAC Representative for the coil connection quantity.
7. Coil inlet and outlet connections are beveled for welding.
8. Standard make-up, drain, and overflow connections are located on the bottom of the unit. Make-up connection is 1-1/2" MPT standpipe, drain is 2" FPT and overflow is 3" FPT.
9. Models shipped with an optional gear drive or low sound fan may have heights up to 10.5" greater than shown.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

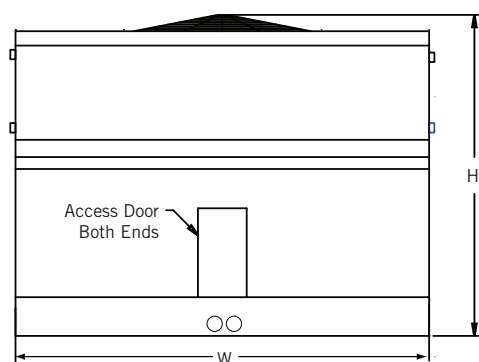


NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.

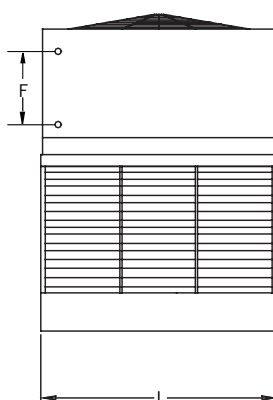
Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-22 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[4] (lbs)	Internal Coil Volume (ft ³)	Remote Sump			W	L	F	H
								Ship Weight	Heaviest Section	Oper. Weight ^[3]			Drain Size ^[5] (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)				
12' x 24'	CXVT-617-1224-15	12,783	781	15	130,551	(2) 7.5	1,900	37,521	12,967	50,354	843	91	12	1,625	47,263	24'-1"	11'-11"	4'-4"	18'-11"
	CXVT-650-1224-20	13,463	822	20	143,690			37,521	12,967	50,354	843	91			47,263			4'-4"	18'-11"
	CXVT-676-1224-25	14,014	856	25	154,785			37,521	12,967	50,354	843	91			47,263			4'-4"	18'-11"
	CXVT-700-1224-40	14,503	886	40	182,224			34,749	12,967	47,429	704	76			44,338			3'-7"	18'-11"
	CXVT-731-1224-50	15,159	926	50	196,295			34,749	12,967	47,429	704	76			44,338			3'-7"	18'-11"
	CXVT-754-1224-60	15,624	954	60	208,594			34,749	12,967	47,429	704	76			44,338			3'-7"	18'-11"
	CXVT-778-1224-50	16,131	985	50	195,017			37,521	12,967	50,354	843	91			47,263			4'-4"	18'-11"
	CXVT-813-1224-50	16,843	1,029	50	195,580			38,779	12,967	51,612	843	91			48,521			3'-10"	18'-11"
	CXVT-843-1224-60	17,483	1,068	60	207,834			38,779	12,967	51,612	843	91			48,521			3'-10"	18'-11"
	CXVT-887-1224-60	18,386	1,123	60	203,260			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
14' x 26'	CXVT-712-1426-20	14,761	901	20	157,445	(2) 7.5	1,900	39,107	14,498	55,454	824	89	12	2,000	51,494	26'-4"	13'-11"	3'-7"	19'-1"
	CXVT-741-1426-25	15,366	938	25	169,602			39,107	14,498	55,454	824	89			51,494			3'-7"	19'-1"
	CXVT-766-1426-30	15,879	970	30	180,229			39,107	14,498	55,454	824	89			51,494			3'-7"	19'-1"
	CXVT-807-1426-40	16,723	1,021	40	198,368			39,107	14,498	55,454	824	89			51,494			3'-7"	19'-1"
	CXVT-844-1426-50	17,484	1,068	50	213,686			39,107	14,498	55,454	824	89			51,494			3'-7"	19'-1"
	CXVT-894-1426-50	18,520	1,131	50	212,485			42,385	14,498	58,916	991	107			54,956			4'-4"	19'-1"
	CXVT-933-1426-50	19,337	1,181	50	212,610			43,798	14,498	60,328	991	107			56,368			3'-10"	19'-1"
	CXVT-965-1426-60	19,999	1,221	60	225,932			43,798	14,498	60,328	991	107			56,368			3'-10"	19'-7"
	CXVT-1005-1426-75	20,838	1,273	75	243,378			43,798	14,498	60,328	991	107			56,368			3'-10"	19'-7"
	CXVT-1057-1426-75	21,914	1,338	75	238,794			54,230	16,500	70,970	1,482	160			67,010			6'-1"	21'-3"
24' x 24'	CXVT-1234-2424-30	25,577	1,562	(2) 15	261,102	(4) 7.5	3,800	75,042	12,967	100,708	1,685	182	(2) 12	3,250	94,526	24'-1"	24'-1"	4'-4"	18'-11"
	CXVT-1300-2424-40	26,945	1,644	(2) 20	287,380			75,042	12,967	100,708	1,685	182			94,526			4'-4"	18'-11"
	CXVT-1352-2424-50	28,023	1,712	(2) 25	309,571			75,042	12,967	100,708	1,685	182			94,526			4'-4"	18'-11"
	CXVT-1400-2424-80	29,017	1,772	(2) 40	364,448			69,498	12,967	94,858	1,408	152			88,676			3'-7"	18'-11"
	CXVT-1462-2424-100	30,302	1,852	(2) 50	392,590			69,498	12,967	94,858	1,408	152			88,676			3'-7"	18'-11"
	CXVT-1508-2424-120	31,256	1,908	(2) 60	417,189			69,498	12,967	94,858	1,408	152			88,676			3'-7"	18'-11"
	CXVT-1556-2424-100	32,251	1,970	(2) 50	390,035			75,042	12,967	100,708	1,685	182			94,526			4'-4"	18'-11"
	CXVT-1626-2424-100	33,702	2,058	(2) 50	391,159			77,558	12,967	103,224	1,685	182			97,042			3'-10"	18'-11"
	CXVT-1686-2424-120	34,945	2,136	(2) 60	415,669			77,558	12,967	103,224	1,685	182			97,042			3'-10"	18'-11"
	CXVT-1774-2424-120	36,769	2,246	(2) 60	406,520			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
28' x 26'	CXVT-1424-2826-40	29,515	1,802	(2) 20	314,890	(4) 7.5	3,800	78,214	14,498	110,908	1,648	178	(2) 12	4,000	102,988	26'-4"	28'-1"	3'-7"	19'-1"
	CXVT-1482-2826-50	30,717	1,876	(2) 25	339,205			78,214	14,498	110,908	1,648	178			102,988			3'-7"	19'-1"
	CXVT-1532-2826-60	31,753	1,940	(2) 30	360,459			78,214	14,498	110,908	1,648	178			102,988			3'-7"	19'-1"
	CXVT-1614-2826-80	33,453	2,042	(2) 40	396,736			78,214	14,498	110,908	1,648	178			102,988			3'-7"	19'-1"
	CXVT-1688-2826-100	34,987	2,136	(2) 50	427,371			78,214	14,498	110,908	1,648	178			102,988			3'-7"	19'-1"
	CXVT-1788-2826-100	37,059	2,262	(2) 50	424,971			84,770	14,498	117,832	1,982	214			109,912			4'-4"	19'-1"
	CXVT-1866-2826-100	38,676	2,362	(2) 50	425,221			87,596	14,498	120,656	1,982	214			112,736			3'-10"	19'-1"
	CXVT-1930-2826-120	40,002	2,442	(2) 60	451,865			87,596	14,498	120,656	1,982	214			112,736			3'-10"	19'-7"
	CXVT-2010-2826-150	41,661	2,546	(2) 75	486,756			87,596	14,498	120,656	1,982	214			112,736			3'-10"	19'-7"
	CXVT-2114-2826-150	43,816	2,676	(2) 75	477,587			108,460	16,500	141,940	2,963	320			134,020			6'-1"	21'-3"

CXVT Engineering Data

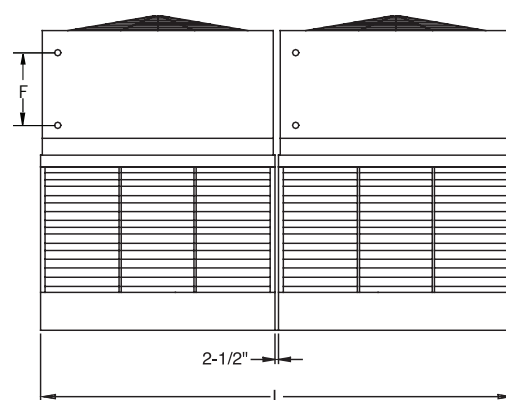
XE Models



End Elevation:
XECXVT Units



Side Elevation:
XECXVTx-1224-x and XECXVTx-1426-x



Side Elevation:
XECXVTx-2424-x and XECXVTx-2826-x



NOTES:

1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. Coil connections also available on the end. For other refrigerants, contact your local BAC Representative for the coil connection quantity.
7. Coil inlet and outlet connections are beveled for welding.
8. Standard make-up, drain, and overflow connections are located on the bottom of the unit. Make-up connection is 1-1/2" MPT standpipe, drain is 2" FPT and overflow is 3" FPT.
9. Models shipped with an optional gear drive or low sound fan may have heights up to 10.5" greater than shown.

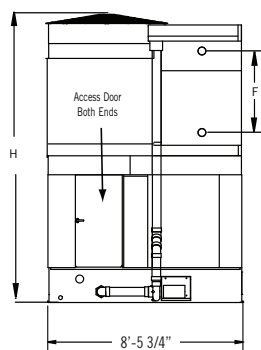
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.



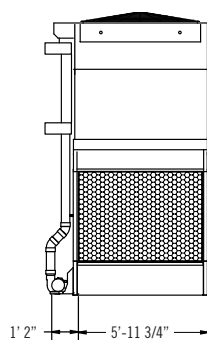
 **NOTE:** Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			W	L	F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)				
12' x 24'	XECXVT540-1224-10	11,190	683	10	114,794	(2) 7.5	1,900	34,749	12,967	47,429	704	76	12	1,625	44,338	24'-1"	11'-11"	3'-7"	18'-11"
	XECXVT605-1224-10	12,539	766	10	114,376			38,779	12,967	51,612	843	91			48,521			3'-10"	18'-11"
	XECXVT636-1224-10	13,186	805	10	111,858			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
	XECXVT684-1224-15	14,184	866	15	128,046			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
	XECXVT721-1224-20	14,938	912	20	140,933			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
	XECXVT750-1224-25	15,550	950	25	151,815			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
	XECXVT775-1224-30	16,069	981	30	161,328			47,845	14,257	60,851	1,259	136			57,760			6'-1"	20'-7"
14' x 26'	XECXVT629-1426-10	13,030	796	10	124,964	(2) 7.5	1,900	39,107	14,498	55,454	824	89	12	2,000	51,494	26'-4"	13'-11"	3'-7"	19'-1"
	XECXVT698-1426-10	14,474	884	10	124,335			43,798	14,498	60,328	991	107			56,368			3'-10"	19'-1"
	XECXVT734-1426-10	15,221	930	10	121,993			54,230	16,500	70,970	1,482	160			67,010			6'-1"	20'-9"
	XECXVT790-1426-15	16,373	1,000	15	139,647			54,230	16,500	70,970	1,482	160			67,010			6'-1"	20'-9"
	XECXVT832-1426-20	17,244	1,053	20	153,702			54,230	16,500	70,970	1,482	160			67,010			6'-1"	20'-9"
	XECXVT866-1426-25	17,950	1,096	25	165,570			54,230	16,500	70,970	1,482	160			67,010			6'-1"	20'-9"
	XECXVT895-1426-30	18,549	1,133	30	175,945			54,230	16,500	70,970	1,482	160			67,010			6'-1"	20'-9"
24' x 24'	XECXVT1080-2424-20	22,385	1,366	(2) 10	229,588	(4) 7.5	3,800	69,498	12,967	94,858	1,408	152	(2) 12	3,250	88,676	24'-1"	24'-1"	3'-7"	18'-11"
	XECXVT1210-2424-20	25,079	1,532	(2) 10	228,751			77,558	12,967	103,224	1,685	182			97,042			3'-10"	18'-11"
	XECXVT1272-2424-20	26,364	1,610	(2) 10	223,717			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
	XECXVT1368-2424-30	28,354	1,732	(2) 15	256,092			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
	XECXVT1442-2424-40	29,888	1,824	(2) 20	281,865			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
	XECXVT1500-2424-50	31,090	1,900	(2) 25	303,630			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
	XECXVT1550-2424-60	32,126	1,962	(2) 30	322,655			95,690	14,257	121,702	2,519	272			115,520			6'-1"	20'-7"
28' x 26'	XECXVT1258-2826-20	26,074	1,592	(2) 10	249,928	(4) 7.5	3,800	78,214	14,498	110,908	1,648	178	(2) 12	4,000	102,988	26'-4"	28'-1"	3'-7"	19'-1"
	XECXVT1396-2826-20	28,935	1,768	(2) 10	248,671			87,596	14,498	120,656	1,982	214			112,736			3'-10"	19'-1"
	XECXVT1468-2826-20	30,427	1,860	(2) 10	243,986			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"
	XECXVT1580-2826-30	32,748	2,000	(2) 15	279,295			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"
	XECXVT1664-2826-40	34,489	2,106	(2) 20	307,403			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"
	XECXVT1732-2826-50	35,899	2,192	(2) 25	331,140			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"
	XECXVT1790-2826-60	37,101	2,266	(2) 30	351,889			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"
	XECXVT1884-2826-80	39,049	2,386	(2) 40	387,304			108,460	16,500	141,940	2,963	320			134,020			6'-1"	20'-9"

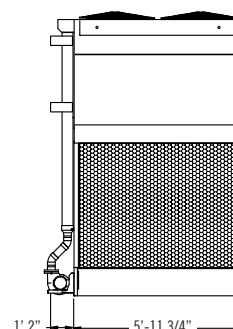
CXVB Engineering Data



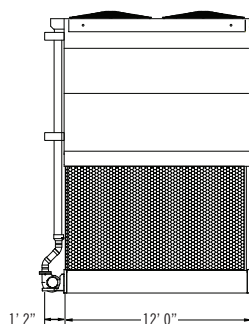
Connection Side:
CXVB 8' x 6', 8' x 9', 8' x 12' and 8' x 18' Units



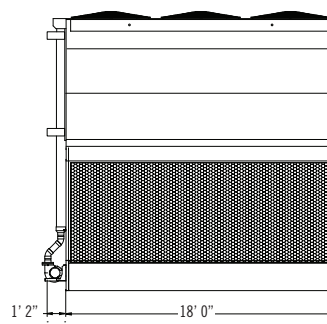
Air Inlet End:
CXVB 8' x 6' Units



Air Inlet End:
CXVB 8' x 9' Units



Air Inlet End:
CXVB 8' x 12' Units



Air Inlet End:
CXVB 8' x 18' Units



NOTES:

1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

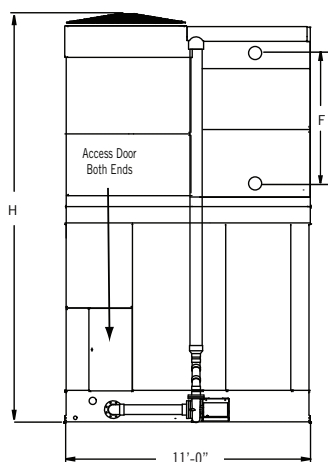
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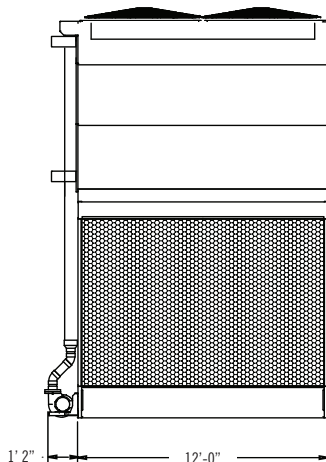
NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
8' x 6'	CXVB-75-0806-3	1,550	95	3	22,200	2	290	4,830	2,870	7,410	54	6	6	290	7,300	3'-7"	12'-7"
	CXVB-87-0806-3	1,798	110	3	24,300			5,590	3,160	8,190	71	8			8,070	3'-7"	15'-3"
	CXVB-94-0806-3	1,943	119	3	20,400			7,120	5,050	9,810	161	18			9,700	6'-4"	15'-5"
	CXVB-95-0806-5	1,964	120	5	28,800			5,600	3,170	8,200	71	8			8,080	3'-7"	15'-3"
	CXVB-102-0806-7.5	2,109	129	7.5	32,900			5,630	3,200	8,230	71	8			8,120	3'-7"	15'-3"
	CXVB-106-0806-3	2,191	134	3	23,400			7,580	5,050	10,270	161	18			10,150	6'-4"	18'-1"
	CXVB-111-0806-10	2,295	141	10	35,900			5,950	3,500	8,570	89	10			8,450	3'-7"	15'-3"
	CXVB-117-0806-5	2,419	148	5	27,700			7,590	5,060	10,280	161	18			10,160	6'-4"	18'-1"
	CXVB-123-0806-10	2,543	156	10	35,500			6,660	4,180	9,290	107	12			9,180	6'-6"	18'-1"
	CXVB-137-0806-15	2,832	173	15	39,900			7,650	5,120	10,330	161	18			10,220	6'-6"	18'-1"
8' x 8'	CXVB-113-0809-3	2,336	143	3	31,200	5	500	7,040	3,760	11,010	80	9	8	550	10,790	3'-7"	15'-1"
	CXVB-124-0809-5	2,563	157	5	37,000			7,060	3,770	11,020	80	9			10,800	3'-7"	15'-2"
	CXVB-126-0809-3	2,605	159	3	26,700			9,150	6,310	13,240	214	24			13,030	6'-6"	15'-5"
	CXVB-134-0809-7.5	2,770	170	7.5	42,300			7,090	3,800	11,050	80	9			10,840	3'-7"	15'-3"
	CXVB-138-0809-3	2,853	175	3	30,200			9,270	5,880	13,340	188	21			13,130	6'-6"	17'-11"
	CXVB-138-0809-5	2,853	175	5	36,200			7,950	4,620	11,960	134	15			11,750	3'-7"	15'-2"
	CXVB-141-0809-3	2,915	178	3	29,800			10,170	6,730	14,290	241	27			14,080	6'-6"	18'-1"
	CXVB-144-0809-7.5	2,977	182	7.5	41,900			7,540	4,230	11,530	107	12			11,310	3'-7"	15'-1"
	CXVB-152-0809-5	3,142	192	5	35,700			9,290	5,890	13,350	188	21			13,140	6'-6"	17'-11"
	CXVB-158-0809-5	3,266	200	5	35,300			10,180	6,750	14,300	241	27			14,090	6'-6"	17'-11"
	CXVB-163-0809-7.5	3,370	206	7.5	41,200			8,870	5,500	12,910	161	18			12,700	6'-6"	17'-11"
	CXVB-190-0809-15	3,928	241	15	51,500			9,410	6,010	13,480	188	21			13,270	6'-6"	17'-11"
	CXVB-207-0809-20	4,279	262	20	56,000			10,330	6,890	14,450	241	27			14,240	6'-6"	17'-11"
8' x 12'	CXVB-172-0812-7.5	3,556	218	7.5	53,500	5	719	8,570	4,570	13,910	107	12	10	600	13,700	3'-7"	15'-3"
	CXVB-195-0812-10	4,031	247	10	58,000			9,170	5,150	14,550	143	16			14,340	3'-7"	15'-3"
	CXVB-204-0812-7.5	4,217	258	7.5	44,500			12,030	8,500	17,590	322	36			17,370	6'-4"	15'-5"
	CXVB-207-0812-15	4,279	262	15	66,400			9,250	5,220	14,630	143	16			14,420	3'-7"	15'-3"
	CXVB-216-0812-7.5	4,465	273	7.5	51,700			10,920	6,810	16,370	214	24			16,150	6'-4"	18'-1"
	CXVB-217-0812-15	4,486	275	15	65,700			9,850	5,790	15,260	179	20			15,050	3'-7"	15'-3"
	CXVB-221-0812-7.5	4,569	280	7.5	51,100			11,810	7,650	17,310	268	30			17,090	6'-4"	18'-1"
	CXVB-226-0812-7.5	4,672	286	7.5	50,800			12,690	8,500	18,250	322	36			18,030	6'-4"	18'-1"
	CXVB-227-0812-20	4,693	287	20	72,300			9,870	5,810	15,280	179	20			15,070	3'-7"	15'-3"
	CXVB-237-0812-10	4,899	300	10	56,300			11,820	7,670	17,320	268	30			17,110	6'-4"	18'-1"
	CXVB-238-0812-15	4,920	301	15	65,200			10,910	6,810	16,360	214	24			16,150	6'-6"	18'-1"
	CXVB-241-0812-10	4,982	305	10	55,900			12,700	8,510	18,260	322	36			18,050	6'-4"	18'-1"
	CXVB-259-0812-20	5,354	328	20	71,200			11,530	7,390	17,010	250	28			16,800	6'-6"	18'-1"
	CXVB-270-0812-25	5,581	342	25	76,100			12,180	8,010	17,700	286	32			17,480	6'-6"	18'-1"
	CXVB-284-0812-30	5,871	359	30	80,600			12,790	8,600	18,350	322	36			18,140	6'-6"	18'-1"
8' x 18'	CXVB-248-0818-15	5,127	314	(1) 10 & (1) 5	89,700	7.5	859	12,400	6,660	20,500	161	18	10	750	20,240	3'-7"	15'-9"
	CXVB-268-0818-15	5,540	339	(1) 10 & (1) 5	88,400			13,350	7,570	21,500	214	24			21,240	3'-7"	15'-9"
	CXVB-281-0818-15	5,809	356	(1) 10 & (1) 5	87,600			14,300	8,470	22,500	268	30			22,240	3'-7"	15'-9"
	CXVB-310-0818-15	6,408	392	(1) 10 & (1) 5	86,900			15,830	9,930	24,090	322	36			23,830	6'-6"	18'-7"
	CXVB-321-0818-15	6,636	406	(1) 10 & (1) 5	86,900			15,940	10,030	24,200	322	36			23,940	6'-4"	18'-7"
	CXVB-327-0818-15	6,760	414	(1) 10 & (1) 5	85,200			18,680	12,640	27,100	483	53			26,840	6'-6"	18'-7"
	CXVB-329-0818-22.5	6,801	416	(1) 15 & (1) 7.5	99,500			15,950	10,040	24,210	322	36			23,950	6'-6"	18'-7"
	CXVB-342-0818-15	7,070	433	(1) 10 & (1) 5	85,200			18,780	12,740	27,200	483	53			26,940	6'-4"	18'-7"
	CXVB-345-0818-30	7,132	437	(1) 20 & (1) 10	109,500			15,980	10,070	24,240	322	36			23,980	6'-6"	18'-7"
	CXVB-357-0818-22.5	7,380	452	(1) 15 & (1) 7.5	98,400			17,470	11,490	25,820	402	44			25,550	6'-4"	18'-7"
	CXVB-373-0818-15	7,711	472	(1) 20 & (1) 10	108,300			17,510	11,530	25,850	402	44			25,590	6'-4"	18'-7"
	CXVB-387-0818-30	8,000	490	(1) 20 & (1) 10	107,300			18,930	12,880	27,350	483	53			27,090	6'-4"	18'-7"
	CXVB-409-0818-45	8,455	518	(1) 30 & (1) 15	122,800			19,090	13,030	27,510	483	53			27,250	6'-4"	18'-7"

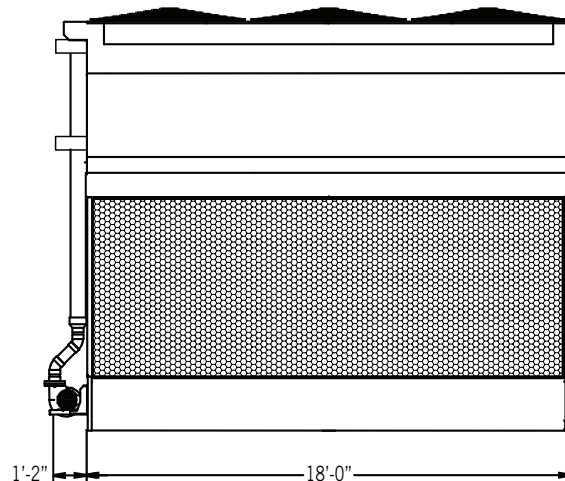
CXVB Engineering Data



Connection Side:
CXVB 12' x 12' and 12' x 18' Units



Air Inlet End:
CXVB 12' x 12' Units



Air Inlet End:
CXVB 12' x 18' Units



NOTES:

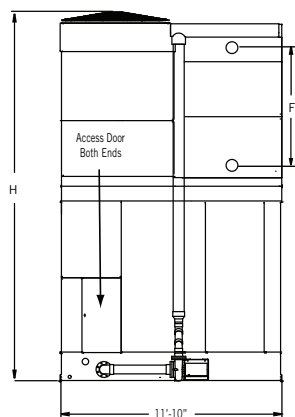
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

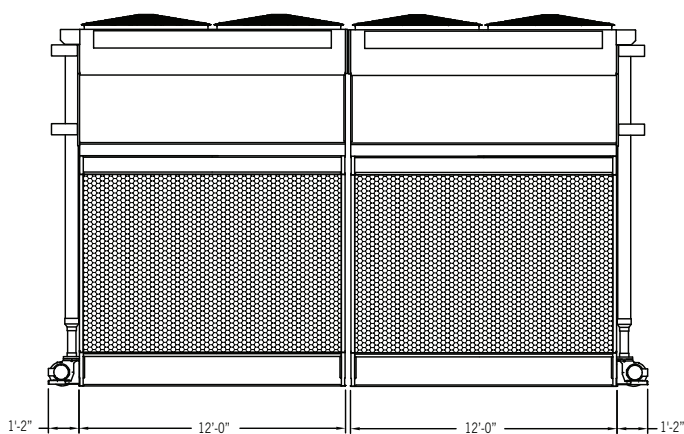


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 12'	CXVB-237-1212-10	4,899	300	10	71,900	7.5	859	10,830	6,110	18,570	177	20	10	750	18,310	3'-7"	16'-7"
	CXVB-264-1212-10	5,457	334	10	70,400			12,780	7,960	20,640	294	33			20,380	3'-7"	16'-7"
	CXVB-285-1212-15	5,892	361	15	80,600			12,860	8,040	20,720	294	33			20,460	3'-7"	16'-7"
	CXVB-297-1212-10	6,140	376	10	69,800			14,370	9,480	22,290	353	39			22,030	6'-4"	19'-6"
	CXVB-299-1212-10	6,181	378	10	68,800			16,250	11,260	24,280	471	52			24,020	6'-6"	19'-6"
	CXVB-302-1212-20	6,243	382	20	88,700			12,880	8,060	20,750	294	33			20,480	3'-7"	16'-7"
	CXVB-306-1212-10	6,326	387	10	69,000			15,830	10,870	23,840	442	49			23,580	6'-4"	19'-6"
	CXVB-314-1212-15	6,491	397	15	79,900			14,380	9,490	22,300	353	39			22,030	6'-6"	19'-6"
	CXVB-315-1212-10	6,512	399	10	68,300			17,290	12,260	25,390	530	58			25,120	6'-4"	19'-6"
	CXVB-327-1212-15	6,760	414	15	78,700			16,330	11,340	24,360	471	52			24,100	6'-6"	19'-6"
	CXVB-341-1212-20	7,049	432	20	87,300			15,380	10,440	23,350	412	45			23,090	6'-6"	19'-6"
	CXVB-341-1212-15	7,049	432	15	78,200			17,370	12,340	25,470	530	58			25,200	6'-4"	19'-6"
	CXVB-355-1212-25	7,339	449	25	94,100			15,430	10,490	23,410	412	45			23,150	6'-6"	19'-6"
	CXVB-370-1212-25	7,649	468	25	93,600			15,990	11,020	24,000	442	49			23,740	6'-4"	19'-6"
	CXVB-381-1212-30	7,876	482	30	98,500			17,400	12,370	25,500	530	58			25,240	6'-6"	19'-6"
	CXVB-393-1212-30	8,124	497	30	98,500			17,470	12,430	25,570	530	58			25,310	6'-6"	19'-6"
	CXVB-411-1212-40	8,496	520	40	109,500			16,320	11,330	24,320	442	49			24,060	6'-4"	19'-6"
12' x 18'	CXVB-360-1218-15	7,442	456	(1) 10 & (1) 5	108,600	10	1,300	15,940	8,990	27,690	265	29	12	1,085	27,200	3'-7"	17'-1"
	CXVB-403-1218-15	8,331	510	(1) 10 & (1) 5	108,100			19,130	12,020	31,050	442	49			30,570	3'-7"	17'-1"
	CXVB-437-1218-22.5	9,034	553	(1) 15 & (1) 7.5	123,800			19,250	12,130	31,170	442	49			30,680	3'-7"	17'-1"
	CXVB-444-1218-15	9,178	562	(1) 10 & (1) 5	105,200			21,280	14,070	33,290	530	58			32,800	6'-6"	20'-0"
	CXVB-457-1218-15	9,447	578	(1) 10 & (1) 5	105,200			21,430	14,210	33,440	530	58			32,950	6'-4"	20'-0"
	CXVB-459-1218-15	9,488	581	(1) 10 & (1) 5	103,800			24,470	17,110	36,660	706	78			36,170	6'-6"	20'-0"
	CXVB-467-1218-15	9,654	591	(1) 10 & (1) 5	103,000			25,960	18,530	38,240	795	87			37,750	6'-6"	20'-0"
	CXVB-482-1218-22.5	9,964	610	(1) 15 & (1) 7.5	120,400			21,460	14,240	33,470	530	58			32,990	6'-6"	20'-0"
	CXVB-483-1218-15	9,985	611	(1) 10 & (1) 5	103,000			26,110	18,660	38,380	795	87			37,890	6'-4"	20'-0"
	CXVB-513-1218-22.5	10,605	649	(1) 15 & (1) 7.5	119,200			23,880	16,550	36,030	662	73			35,540	6'-4"	20'-0"
	CXVB-525-1218-22.5	10,853	665	(1) 15 & (1) 7.5	117,900			26,220	18,770	38,500	795	87			38,010	6'-4"	20'-0"
	CXVB-525-1218-30	10,853	665	(1) 20 & (1) 10	132,600			21,580	14,350	33,590	530	58			33,100	6'-4"	20'-0"
	CXVB-545-1218-30	11,266	690	(1) 20 & (1) 10	131,200			23,920	16,580	36,060	662	73			35,570	6'-4"	20'-0"
	CXVB-567-1218-37.5	11,721	718	(1) 25 & (1) 15	141,300			23,980	16,640	36,120	662	73			35,630	6'-4"	20'-0"
	CXVB-581-1218-37.5	12,010	735	(1) 25 & (1) 15	139,800			26,310	18,860	38,590	795	87			38,100	6'-4"	20'-0"
	CXVB-601-1218-45	12,424	761	(1) 30 & (1) 15	148,500			26,420	18,960	38,690	795	87			38,200	6'-4"	20'-0"
	CXVB-628-1218-60	12,982	795	(1) 40 & (1) 20	165,300			24,400	17,040	36,550	662	73			36,060	6'-4"	20'-0"
	CXVB-643-1218-60	13,292	814	(1) 40 & (1) 20	163,500			26,740	19,270	39,020	795	87			38,530	6'-4"	20'-0"

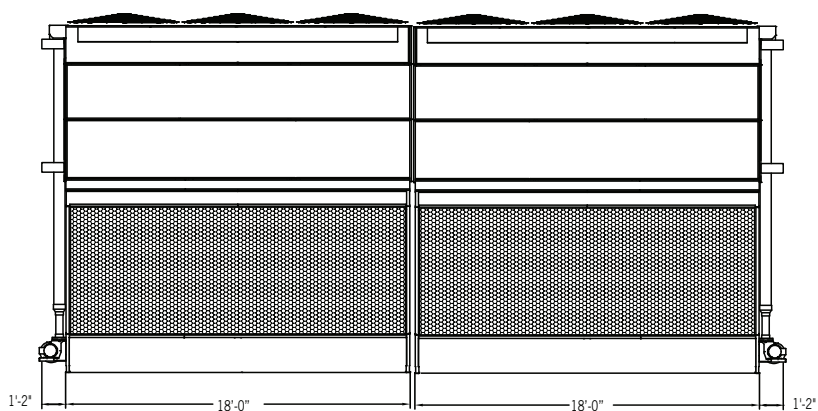
CXVB Engineering Data



Connection Side:
CXVB 12' x 24' and 12' x 36' Units



Air Inlet End:
CXVB 12' x 24' Units



Air Inlet End:
CXVB 12' x 36' Units



NOTES:

1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

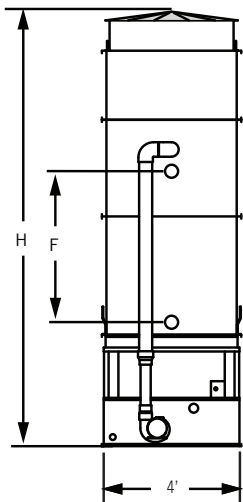


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 24'	CXVB-473-1224-20	9,778	599	(2) 10	143,700	(2) 7.5	1,718	21,660	6,110	37,160	354	40	(2) 10	1,500	36,620	3'-7"	16'-7"
	CXVB-528-1224-20	10,915	668	(2) 10	140,700			25,560	7,960	41,280	588	66			40,750	3'-7"	16'-7"
	CXVB-571-1224-30	11,804	723	(2) 15	161,100			25,720	8,040	41,440	588	66			40,910	3'-7"	16'-7"
	CXVB-595-1224-20	12,300	753	(2) 10	139,500			28,740	9,480	44,580	706	78			44,050	6'-4"	19'-6"
	CXVB-598-1224-20	12,362	757	(2) 10	137,500			32,490	11,260	48,560	942	104			48,040	6'-6"	19'-6"
	CXVB-604-1224-40	12,486	765	(2) 20	177,300			25,760	8,060	41,500	588	66			40,960	3'-7"	16'-7"
	CXVB-612-1224-20	12,651	775	(2) 10	138,000			31,660	10,870	47,680	884	98			47,150	6'-4"	19'-6"
	CXVB-629-1224-30	13,003	796	(2) 15	159,700			28,750	9,490	44,600	706	78			44,060	6'-6"	19'-6"
	CXVB-630-1224-20	13,023	797	(2) 10	136,600			34,570	12,260	50,780	1,060	116			50,240	6'-4"	19'-6"
	CXVB-655-1224-30	13,540	829	(2) 15	157,400			32,650	11,340	48,720	942	104			48,200	6'-6"	19'-6"
	CXVB-682-1224-30	14,098	863	(2) 15	156,400			34,730	12,340	50,940	1,060	116			50,400	6'-6"	19'-6"
	CXVB-682-1224-40	14,098	863	(2) 20	174,600			30,750	10,440	46,700	824	90			46,180	6'-4"	19'-6"
	CXVB-711-1224-50	14,698	900	(2) 25	188,100			30,860	10,490	46,820	824	90			46,290	6'-6"	19'-6"
	CXVB-739-1224-50	15,277	935	(2) 25	187,200			31,980	11,020	48,000	884	98			47,470	6'-4"	19'-6"
	CXVB-762-1224-60	15,752	965	(2) 30	197,000			34,800	12,370	51,000	1,060	116			50,470	6'-6"	19'-6"
	CXVB-786-1224-60	16,248	995	(2) 30	197,000			34,940	12,430	51,140	1,060	116			50,610	6'-4"	19'-6"
	CXVB-821-1224-80	16,972	1,039	(2) 40	219,000			32,630	11,330	48,640	884	98			48,120	6'-4"	19'-6"
12' x 36'	CXVB-719-1236-30	14,863	910	(2) 10 & (2) 5	217,200	(2) 10	2,600	31,880	8,990	55,380	530	58	(2) 12	2,170	54,390	3'-7"	17'-1"
	CXVB-806-1236-30	16,662	1,020	(2) 10 & (2) 5	216,200			38,260	12,020	62,100	884	98			61,130	3'-7"	17'-1"
	CXVB-875-1236-45	18,088	1,108	(2) 15 & (2) 7.5	247,500			38,490	12,130	62,340	884	98			61,360	3'-7"	17'-1"
	CXVB-888-1236-30	18,357	1,124	(2) 10 & (2) 5	210,400			42,560	14,070	66,580	1,060	116			65,600	6'-6"	20'-0"
	CXVB-914-1236-30	18,894	1,157	(2) 10 & (2) 5	210,400			42,860	14,210	66,880	1,060	116			65,900	6'-4"	20'-0"
	CXVB-918-1236-30	18,977	1,162	(2) 10 & (2) 5	207,600			48,940	17,110	73,320	1,412	156			72,330	6'-6"	20'-0"
	CXVB-933-1236-30	19,287	1,181	(2) 10 & (2) 5	206,000			51,920	18,530	76,480	1,590	174			75,500	6'-6"	20'-0"
	CXVB-964-1236-45	19,928	1,220	(2) 15 & (2) 7.5	240,800			42,920	14,240	66,940	1,060	116			65,970	6'-6"	20'-0"
	CXVB-966-1236-30	19,969	1,223	(2) 10 & (2) 5	206,000			52,210	18,660	76,760	1,590	174			75,780	6'-4"	20'-0"
	CXVB-1027-1236-45	21,230	1,300	(2) 15 & (2) 7.5	238,400			47,760	16,550	72,060	1,324	146			71,070	6'-4"	20'-0"
	CXVB-1049-1236-45	21,685	1,328	(2) 15 & (2) 7.5	235,800			52,440	18,770	77,000	1,590	174			76,010	6'-4"	20'-0"
	CXVB-1049-1236-60	21,685	1,328	(2) 20 & (2) 10	265,100			43,160	14,350	67,180	1,060	116			66,200	6'-4"	20'-0"
	CXVB-1089-1236-60	22,512	1,378	(2) 20 & (2) 10	262,400			47,830	16,580	72,120	1,324	146			71,140	6'-4"	20'-0"
	CXVB-1134-1236-75	23,442	1,435	(2) 25 & (2) 15	282,600			47,950	16,640	72,240	1,324	146			71,260	6'-4"	20'-0"
	CXVB-1161-1236-75	24,000	1,470	(2) 25 & (2) 15	279,500			52,620	18,860	77,180	1,590	174			76,200	6'-4"	20'-0"
	CXVB-1202-1236-90	24,848	1,522	(2) 30 & (2) 15	297,000			52,830	18,960	77,380	1,590	174			76,400	6'-4"	20'-0"
	CXVB-1257-1236-120	25,985	1,591	(2) 40 & (2) 20	330,500			48,800	17,040	73,100	1,324	146			72,110	6'-4"	20'-0"
	CXVB-1287-1236-120	26,605	1,629	(2) 40 & (2) 20	326,900			53,480	19,270	78,040	1,590	174			77,050	6'-4"	20'-0"

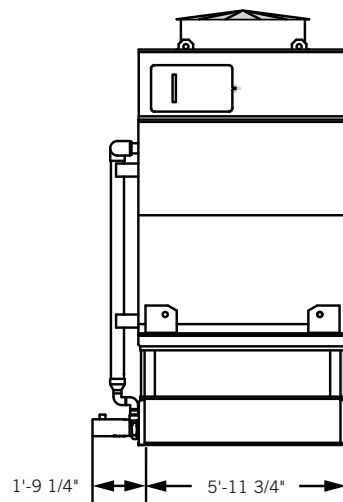
PCC Engineering Data



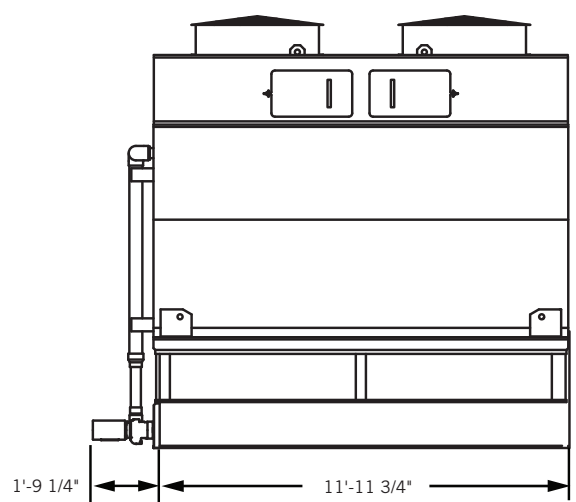
NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.



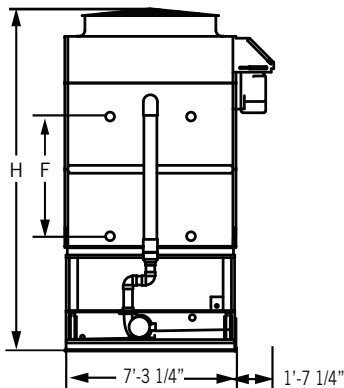
Face A:
PCC 4' x 6' and 4' x 12' Units



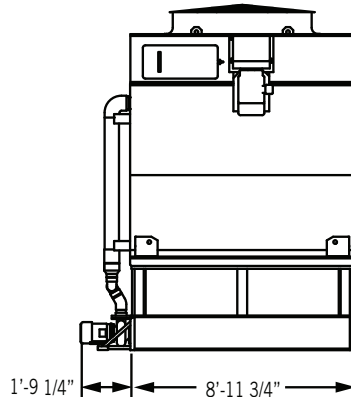
Face D:
PCC 4' x 6' Units



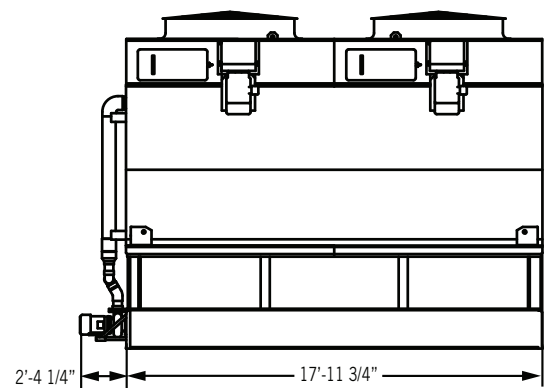
Face D:
PCC 4' x 12' Units



Face A:
PCC 7.4' x 9' and 7.4' x 18' Units



Face D:
PCC 7.4' x 9' Units



Face D:
PCC 7.4' x 18' Units



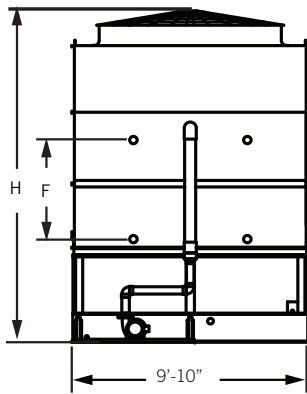
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
4' x 6'	PCC-0048-0406N005	995	68	5	16,830	1	97	3,270	2,580	4,440	63	7	4	122	3,739	4'-1"	12'-9"
	PCC-0046-0406N003	953	65	3	13,300			3,430	2,740	4,610	74	8			3,909	4'-1"	12'-9"
	PCC-0057-0406N005	1,181	81	5	14,300			3,870	3,180	5,070	95	10			4,369	4'-9"	13'-4"
	PCC-0067-0406N7.5	1,389	95	7.5	15,080			4,610	3,910	5,830	118	13			5,129	6'-6"	15'-2"
4' x 12'	PCC-0078-0412N006	1,617	110	(2) 3	28,690	1.5	197	5,340	4,230	7,640	96	10	6	184	6,194	4'-1"	12'-9"
	PCC-0090-0412N010	1,865	127	(2) 5	33,520			5,380	4,270	7,680	96	10			6,234	4'-1"	12'-9"
	PCC-0106-0412N010	2,197	150	2) 5	30,600			6,040	4,930	8,380	138	15			6,934	4'-1"	12'-9"
	PCC-0122-0412N015	2,529	173	(2) 7.5	33,330			6,810	5,700	9,180	164	18			7,734	4'-9"	13'-4"
	PCC-0128-0412N015	2,653	181	(2) 7.5	32,190			7,090	5,980	9,480	181	20			8,034	4'-9"	13'-4"
	PCC-0118-0412N010	2,446	167	2) 5	27,950			7,580	6,460	9,990	205	22			8,544	6'-6"	15'-2"
	PCC-0134-0412N015	2,777	189	(2) 7.5	30,380			7,880	6,770	10,310	224	24			8,864	5'-4"	14'-0"
7.4' x 9'	PCC-0113-0709N010	2,342	160	10	41,230	2	275	6,890	5,550	10,260	134	14	6	254	8,519	4'-1"	14'-4"
	PCC-0117-0709N7.5	2,425	165	7.5	35,780			7,550	6,210	10,970	177	19			9,229	4'-1"	14'-4"
	PCC-0142-0709N015	2,943	201	15	44,090			7,550	6,210	10,970	177	19			9,229	4'-1"	14'-4"
	PCC-0122-0709N7.5	2,529	173	7.5	34,100			7,790	6,450	11,220	191	21			9,479	4'-1"	14'-4"
	PCC-0154-0709N015	3,192	218	15	40,930			8,710	7,370	12,190	229	25			10,449	4'-9"	14'-11"
	PCC-0160-0709N020	3,316	226	20	47,190			8,450	7,110	11,910	210	23			10,169	4'-9"	14'-11"
	PCC-0166-0709N020	3,441	235	20	50,630			8,770	7,430	12,250	229	25			10,509	4'-9"	14'-11"
	PCC-0175-0709N020	3,627	247	20	42,360			9,500	8,150	12,990	252	27			11,249	6'-0"	16'-2"
	PCC-0130-0709N7.5	2,694	184	7.5	33,140			9,140	7,800	12,640	258	28			10,899	5'-4"	15'-7"
	PCC-0184-0709N020	3,814	260	20	37,830			11,220	9,870	14,820	363	39			13,079	6'-0"	16'-2"
7.4' x 18'	PCC-0177-0718N010	3,669	250	(2) 5	67,270	5	560	12,260	9,550	19,130	252	27	10	366	15,567	4'-1"	15'-0"
	PCC-0214-0718N020	4,435	302	(2) 10	82,950			12,460	9,740	19,330	252	27			15,767	4'-1"	15'-0"
	PCC-0222-0718N015	4,601	314	(2) 7.5	72,150			13,670	10,960	20,630	340	37			17,067	4'-1"	15'-0"
	PCC-0267-0718N030	5,534	377	(2) 15	89,060			14,020	11,300	20,970	340	37			17,407	4'-1"	15'-0"
	PCC-0232-0718N015	4,809	328	(2) 7.5	68,880			14,140	11,430	21,130	369	40			17,567	4'-1"	15'-0"
	PCC-0278-0718N030	5,762	392	(2) 15	87,370			14,960	12,240	21,980	409	44			18,417	4'-9"	15'-8"
	PCC-0300-0718N040	6,218	423	(2) 20	95,370			15,300	12,580	22,320	409	44			18,757	4'-9"	15'-8"
	PCC-0324-0718N020	6,715	457	(2) 10	85,670			16,190	13,470	23,280	485	52			19,717	4'-9"	15'-8"
	PCC-0349-0718N020	7,234	493	(2) 10	62,290			20,370	17,640	27,700	719	78			24,137	6'-0"	16'-11"

NOTES:

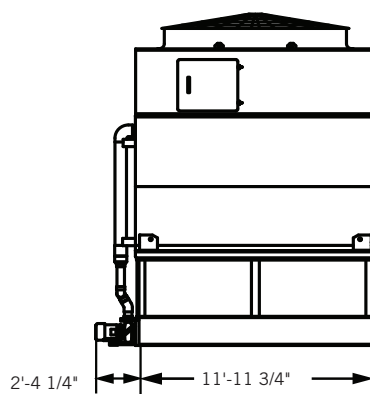
- Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
- R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
- Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
- The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
- Drain size is based on a bottom connection.
- For R-22 and R-134a, the coil connection quantity may double.
- Standard make-up, drain, and overflow connections are MPT.
- Coil inlet and outlet connections are beveled for welding.

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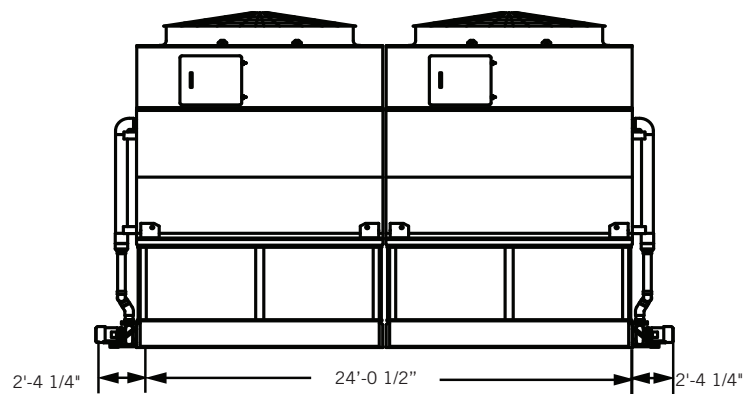
PCC Engineering Data



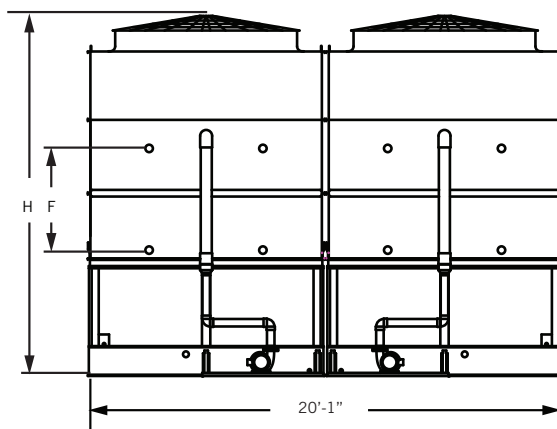
Face A:
PCC 10' x 12' and 10' x 24' Units



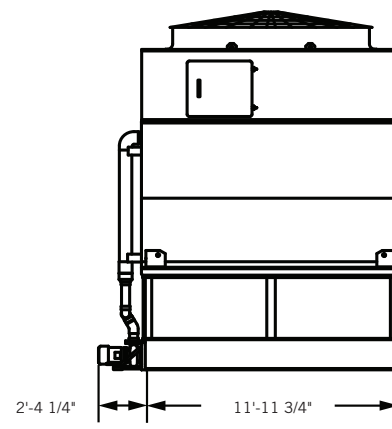
Face D:
PCC 10' x 12' Units



Face D:
PCC 10' x 24' Units



Face A:
PCC 20' x 12' Units



Face D:
PCC 20' x 12' Units



NOTES:

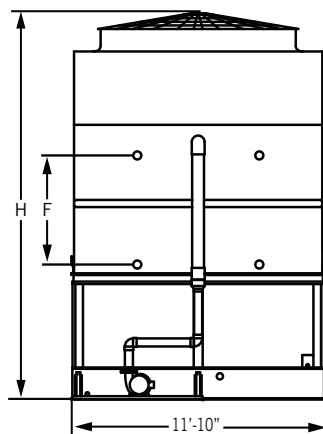
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

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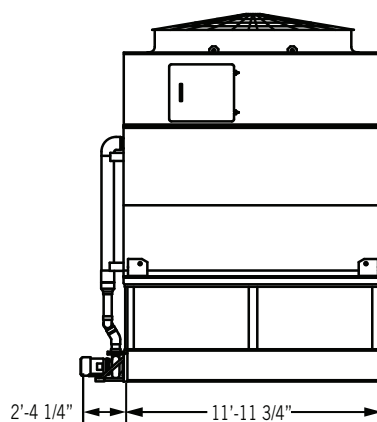


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
10' x 12'	PCC-0269-1012N030	5,575	380	30	84,730	5	504	12,600	10,430	18,550	326	35	8	397	15,760	4'-1"	16'-1"
	PCC-0208-1012N010	4,311	294	10	57,960			12,730	10,560	18,710	351	38			15,920	4'-1"	16'-1"
	PCC-0233-1012N015	4,829	329	15	65,370			12,860	10,690	18,840	351	38			16,050	4'-1"	16'-1"
	PCC-0272-1012N020	5,638	384	20	69,900			14,770	12,600	20,830	431	47			18,040	6'-0"	18'-0"
	PCC-0281-1012N025	5,824	397	25	74,850			14,310	12,140	20,370	426	46			17,580	4'-9"	16'-9"
	PCC-0295-1012N030	6,114	416	30	79,010			14,360	12,190	20,420	426	46			17,630	4'-9"	16'-9"
	PCC-0315-1012N040	6,529	445	40	92,880			15,070	12,900	21,160	460	50			18,370	4'-9"	16'-9"
	PCC-0323-1012N030	6,695	456	30	71,050			17,890	15,710	24,140	626	68			21,350	6'-0"	18'-0"
	PCC-0246-1012N010	5,099	347	10	48,420			18,400	16,220	24,700	677	73			21,910	6'-0"	18'-0"
	PCC-0328-1012N030	6,798	463	30	67,200			18,690	16,510	24,990	677	73			22,200	6'-0"	18'-0"
10' x 24'	PCC-0538-1024N060	11,151	759	60	169,460	(2) 5	1,008	25,320	10,430	37,230	652	70	(2) 8	794	34,440	4'-1"	17'-1"
	PCC-0416-1024N020	8,622	587	20	115,920			25,590	10,560	37,550	703	76			34,760	4'-1"	17'-1"
	PCC-0466-1024N030	9,659	658	30	130,740			25,840	10,690	37,800	703	76			35,010	4'-1"	17'-1"
	PCC-0544-1024N040	11,275	768	40	139,790			29,670	12,600	41,790	862	93			39,000	6'-0"	19'-0"
	PCC-0562-1024N050	11,648	793	50	149,690			28,740	12,140	40,860	852	92			38,070	4'-9"	17'-9"
	PCC-0590-1024N060	12,229	832	60	158,020			28,840	12,190	40,960	852	92			38,170	4'-9"	17'-9"
	PCC-0630-1024N080	13,058	889	80	185,750			30,260	12,900	42,440	920	99			39,650	4'-9"	17'-9"
	PCC-0646-1024N060	13,389	911	60	142,100			35,890	15,710	48,400	1,252	135			45,610	6'-0"	19'-0"
	PCC-0492-1024N020	10,197	694	20	96,830			36,920	16,220	49,530	1,353	146			46,740	6'-0"	19'-0"
	PCC-0656-1024N060	13,597	925	60	134,400			37,490	16,510	50,110	1,353	146			47,320	6'-0"	19'-0"
20' x 12'	PCC-0538-2012N060	11,151	759	60	169,460	(2) 5	1,008	25,320	10,430	37,230	652	70	(2) 8	794	34,440	4'-1"	17'-1"
	PCC-0416-2012N020	8,622	587	20	115,920			25,590	10,560	37,550	703	76			34,760	4'-1"	17'-1"
	PCC-0466-2012N030	9,659	658	30	130,740			25,840	10,690	37,800	703	76			35,010	4'-1"	17'-1"
	PCC-0544-2012N040	11,275	768	40	139,790			29,670	12,600	41,790	862	93			39,000	6'-0"	19'-0"
	PCC-0562-2012N050	11,648	793	50	149,690			28,740	12,140	40,860	852	92			38,070	4'-9"	17'-9"
	PCC-0590-2012N060	12,229	832	60	158,020			28,840	12,190	40,960	852	92			38,170	4'-9"	17'-9"
	PCC-0630-2012N080	13,058	889	80	185,750			30,260	12,900	42,440	920	99			39,650	4'-9"	17'-9"
	PCC-0646-2012N060	13,389	911	60	142,100			35,890	15,710	48,400	1,252	135			45,610	6'-0"	19'-0"
	PCC-0492-2012N020	10,197	694	20	96,830			36,920	16,220	49,530	1,353	146			46,740	6'-0"	19'-0"
	PCC-0656-2012N060	13,597	925	60	134,400			37,490	16,510	50,110	1,353	146			47,320	6'-0"	19'-0"

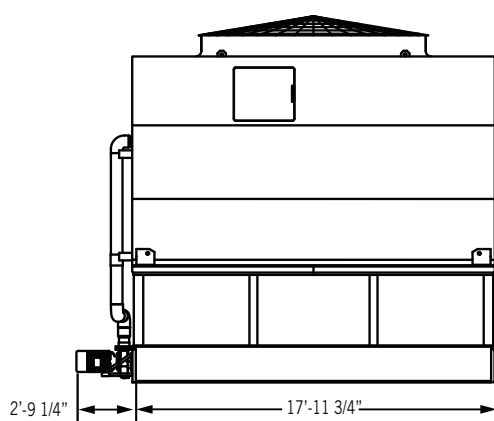
PCC Engineering Data



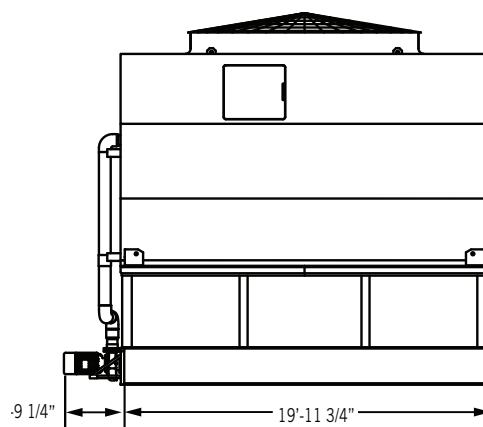
Face A:
PCC 12' x 12', 12' x 18',
and 12' x 20' Units



Face D:
PCC 12' x 12' Units



Face D:
PCC 12' x 18' Units



Face D:
PCC 12' x 20' Units



NOTES:

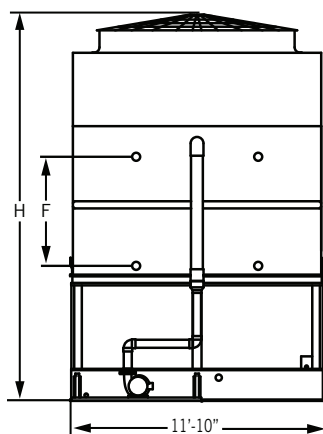
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

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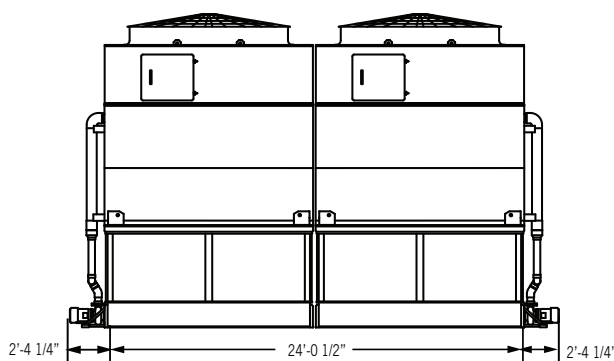


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 12'	PCC-0249-1212N010	5,161	352	10	64,050	5	610	16,780	13,930	23,950	515	56	10	370	20,873	4'-9"	17'-6"
	PCC-0265-1212N015	5,492	374	15	74,840			15,420	12,570	22,510	432	47			19,433	4'-1"	16'-10"
	PCC-0293-1212N015	6,073	414	15	68,750			19,010	16,150	26,300	636	69			23,223	5'-4"	18'-1"
	PCC-0309-1212N020	6,404	436	20	76,340			17,780	14,930	25,000	566	61			21,923	4'-9"	17'-6"
	PCC-0330-1212N025	6,840	466	25	81,540			17,810	14,960	25,030	566	61			21,953	4'-9"	17'-6"
	PCC-0346-1212N025	7,171	488	25	77,040			20,110	17,250	27,460	699	75			24,383	5'-4"	18'-1"
	PCC-0365-1212N030	7,565	515	30	81,470			20,160	17,300	27,510	699	75			24,433	5'-4"	18'-1"
	PCC-0396-1212N040	8,208	559	40	88,740			20,340	17,490	27,700	699	75			24,623	5'-4"	18'-1"
	PCC-0355-1212N025	7,358	501	25	73,440			21,200	18,350	28,670	819	88			25,593	4'-1"	16'-10"
	PCC-0375-1212N030	7,772	529	30	77,630			21,250	18,400	28,720	819	88			25,643	4'-1"	16'-10"
	PCC-0395-1212N040	8,187	557	40	87,990			20,270	17,420	27,670	744	80			24,593	4'-1"	16'-10"
	PCC-0406-1212N040	8,415	573	40	84,480			21,440	18,590	28,910	819	88			25,833	4'-1"	16'-10"
12' x 18'	PCC-0494-1218N040	10,239	697	40	137,590	7.5	921	23,050	18,730	33,750	637	69	12	548	28,558	4'-1"	17'-8"
	PCC-0381-1218N015	7,897	538	15	104,230			23,790	19,470	34,550	699	75			29,358	4'-9"	18'-3"
	PCC-0441-1218N020	9,140	622	20	104,180			26,080	21,760	36,980	839	91			31,788	4'-9"	18'-3"
	PCC-0531-1218N040	11,006	749	40	128,040			26,450	22,130	37,350	839	91			32,158	4'-9"	18'-3"
	PCC-0564-1218N050	11,690	796	50	136,960			26,550	22,240	37,460	839	91			32,268	4'-9"	18'-3"
	PCC-0469-1218N020	9,721	662	20	97,360			29,680	25,360	40,860	1,116	121			35,668	4'-1"	17'-8"
	PCC-0517-1218N030	10,716	729	30	110,020			29,930	25,610	41,110	1,116	121			35,918	4'-1"	17'-8"
	PCC-0541-1218N040	11,213	763	40	127,310			28,570	24,250	39,660	1,022	110			34,468	4'-1"	17'-8"
	PCC-0572-1218N040	11,856	807	40	114,950			31,820	27,500	43,110	1,229	133			37,918	4'-1"	17'-8"
	PCC-0590-1218N050	12,229	832	50	128,050			30,150	25,840	41,330	1,116	121			36,138	4'-1"	17'-8"
	PCC-0609-1218N050	12,622	859	50	122,820			31,920	27,610	43,220	1,229	133			38,028	4'-1"	17'-8"
	PCC-0639-1218N060	13,244	901	60	129,710			32,020	27,710	43,320	1,229	133			38,128	4'-1"	17'-8"
12' x 20'	PCC-0544-1220N040	11,275	766	40	146,578	7.5	1,025	23,837	19,273	35,730	705	76	12	567	24,792	4'-1"	18'-0"
	PCC-0431-1220N015	8,933	607	15	110,836			24,739	20,173	36,700	774	84			25,760	4'-9"	18'-7"
	PCC-0491-1220N020	10,177	692	20	110,257			27,299	22,733	39,420	929	100			28,480	4'-9"	18'-7"
	PCC-0540-1220N030	11,192	761	30	124,950			27,379	22,813	39,500	929	100			28,560	4'-9"	18'-7"
	PCC-0581-1220N040	12,042	818	40	136,270			27,599	23,033	39,720	929	100			28,780	4'-9"	18'-7"
	PCC-0614-1220N050	12,726	865	50	145,849			27,624	23,058	39,740	929	100			28,800	4'-9"	18'-7"
	PCC-0519-1220N020	10,757	731	20	103,393			31,367	26,803	43,800	1,239	134			32,862	4'-1"	18'-0"
	PCC-0557-1220N025	11,545	784	25	105,902			33,367	28,803	45,920	1,365	147			34,982	4'-1"	18'-0"
	PCC-0567-1220N030	11,752	799	30	116,752			31,447	26,883	43,880	1,239	134			32,942	4'-1"	18'-0"
	PCC-0580-1220N030	12,021	817	30	111,884			33,417	28,853	45,970	1,365	147			35,032	4'-1"	18'-0"
	PCC-0591-1220N040	12,249	832	40	135,139			30,027	25,463	42,350	1,134	122			31,412	4'-1"	18'-0"
	PCC-0622-1220N040	12,892	876	40	121,985			33,637	29,073	46,190	1,365	147			35,252	4'-1"	18'-0"
	PCC-0640-1220N050	13,265	901	50	136,206			31,692	27,128	44,120	1,239	134			33,182	4'-1"	18'-0"
	PCC-0659-1220N050	13,659	928	50	130,515			33,662	29,098	46,220	1,365	147			35,282	4'-1"	18'-0"
	PCC-0689-1220N060	14,280	970	60	137,785			33,913	29,349	46,470	1,365	147			35,532	4'-1"	18'-0"

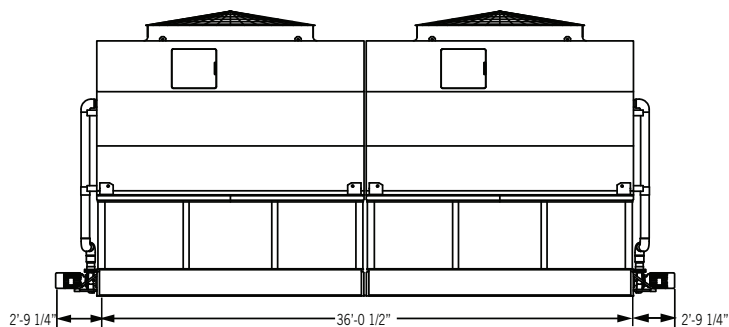
PCC Engineering Data



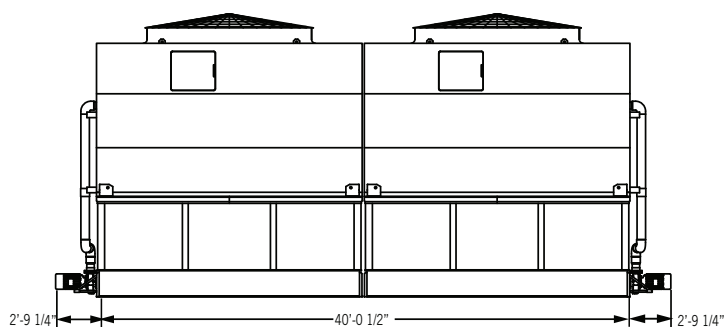
Face A:
PCC 12' x 24', 12' x 36',
and 12' x 40' Units



Face D:
PCC 12' x 24' Units



Face D:
PCC 12' x 36' Units



Face D:
PCC 12' x 40' Units



NOTES:

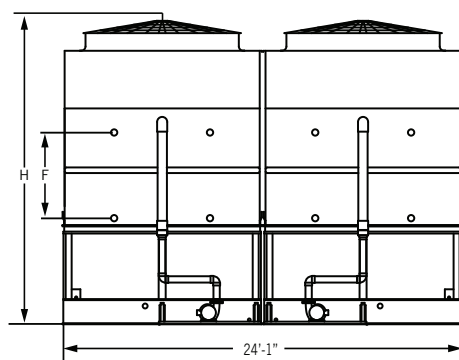
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2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

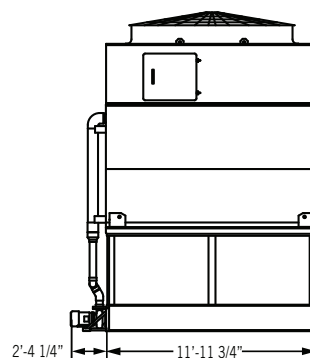


Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-22 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[4] (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ^[3]			Drain Size ^[5] (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 24'	PCC-0498-1224N020	10,322	703	20	128,090	(2) 5	1,220	33,680	13,930	48,020	1,030	111	(2) 10	740	44,943	4'-9"	18'-6"
	PCC-0530-1224N030	10,985	748	30	149,670			30,960	12,570	45,140	864	93			42,063	4'-1"	17'-10"
	PCC-0586-1224N030	12,146	827	30	137,500			38,130	16,150	52,710	1,271	137			49,633	5'-4"	19'-1"
	PCC-0618-1224N040	12,809	872	40	152,680			35,690	14,930	50,130	1,131	122			47,053	4'-9"	18'-6"
	PCC-0660-1224N050	13,679	931	50	163,070			35,750	14,960	50,190	1,131	122			47,113	4'-9"	18'-6"
	PCC-0692-1224N050	14,343	976	50	154,070			40,330	17,250	55,040	1,398	151			51,963	5'-4"	19'-1"
	PCC-0730-1224N060	15,130	1,030	60	162,940			40,430	17,300	55,140	1,398	151			52,063	5'-4"	19'-1"
	PCC-0792-1224N080	16,415	1,117	80	177,470			40,810	17,490	55,520	1,398	151			52,443	5'-4"	19'-1"
	PCC-0710-1224N050	14,716	1,002	50	146,880			42,520	18,350	57,470	1,638	177			54,393	4'-1"	17'-10"
	PCC-0750-1224N060	15,545	1,058	60	155,250			42,620	18,400	57,570	1,638	177			54,493	4'-1"	17'-10"
	PCC-0790-1224N080	16,374	1,114	80	175,980			40,660	17,420	55,460	1,489	161			52,383	4'-1"	17'-10"
	PCC-0812-1224N080	16,830	1,145	80	168,960			43,000	18,590	57,950	1,638	177			54,873	4'-1"	17'-10"
12' x 36'	PCC-0980-1236N080	20,315	1,383	80	275,170	(2) 7.5	1,842	46,250	18,730	67,660	1,274	138	(2) 12	1,096	62,468	4'-1"	18'-8"
	PCC-0756-1236N030	15,668	1,066	30	208,450			47,730	19,470	69,270	1,397	151			64,078	4'-9"	19'-3"
	PCC-0875-1236N040	18,135	1,234	40	208,360			52,310	21,760	74,130	1,678	181			68,938	4'-9"	19'-3"
	PCC-1054-1236N080	21,837	1,486	80	256,070			53,050	22,130	74,870	1,678	181			69,678	4'-9"	19'-3"
	PCC-1119-1236N100	23,194	1,578	100	273,910			53,260	22,240	75,080	1,678	181			69,888	4'-9"	19'-3"
	PCC-0931-1236N040	19,287	1,313	40	194,720			59,510	25,360	81,880	2,232	241			76,688	4'-1"	18'-8"
	PCC-1026-1236N060	21,261	1,447	60	220,030			60,010	25,610	82,380	2,232	241			77,188	4'-1"	18'-8"
	PCC-1073-1236N080	22,248	1,514	80	254,620			57,290	24,250	79,470	2,043	221			74,278	4'-1"	18'-8"
	PCC-1135-1236N080	23,523	1,601	80	229,890			63,790	27,500	86,390	2,458	265			81,198	4'-1"	18'-8"
	PCC-1171-1236N100	24,263	1,651	100	256,100			60,460	25,840	82,830	2,232	241			77,638	4'-1"	18'-8"
	PCC-1208-1236N100	25,044	1,704	100	245,640			64,000	27,610	86,600	2,458	265			81,408	4'-1"	18'-8"
	PCC-1268-1236N120	26,278	1,788	120	259,410			64,200	27,710	86,800	2,458	265			81,608	4'-1"	18'-8"
12' x 40'	PCC-1079-1240N080	22,371	1,520	80	293,156	(2) 7.5	2,050	47,856	19,273	71,650	1,410	152	(2) 12	1,096	49,767	4'-1"	19'-0"
	PCC-0855-1240N030	17,724	1,204	30	221,672			49,660	20,173	73,590	1,548	167			51,703	4'-9"	19'-7"
	PCC-0974-1240N040	20,192	1,372	40	220,514			54,780	22,733	79,020	1,859	201			57,133	4'-9"	19'-7"
	PCC-1071-1240N060	22,207	1,509	60	249,900			54,940	22,813	79,180	1,859	201			57,293	4'-9"	19'-7"
	PCC-1153-1240N080	23,893	1,624	80	272,540			55,380	23,033	79,620	1,859	201			57,733	4'-9"	19'-7"
	PCC-1218-1240N100	25,250	1,716	100	291,697			55,430	23,058	79,670	1,859	201			57,783	4'-9"	19'-7"
	PCC-1030-1240N040	21,343	1,450	40	206,787			62,916	26,803	87,780	2,478	268			65,897	4'-1"	19'-0"
	PCC-1105-1240N050	22,906	1,556	50	211,805			66,916	28,803	92,030	2,730	295			70,147	4'-1"	19'-0"
	PCC-1125-1240N060	23,317	1,584	60	233,504			63,076	26,883	87,940	2,478	268			66,057	4'-1"	19'-0"
	PCC-1151-1240N060	23,852	1,621	60	223,768			67,016	28,853	92,130	2,730	295			70,247	4'-1"	19'-0"
	PCC-1173-1240N080	24,304	1,652	80	270,279			60,236	25,463	84,890	2,269	245			63,007	4'-1"	19'-0"
	PCC-1234-1240N080	25,579	1,738	80	243,971			67,456	29,073	92,570	2,730	295			70,687	4'-1"	19'-0"
	PCC-1270-1240N100	26,319	1,788	100	272,412			63,566	27,128	88,430	2,478	268			66,547	4'-1"	19'-0"
	PCC-1308-1240N100	27,100	1,842	100	261,031			67,506	29,098	92,620	2,730	295			70,737	4'-1"	19'-0"
	PCC-1367-1240N120	28,334	1,925	120	275,570			68,008	29,349	93,120	2,730	295			71,237	4'-1"	19'-0"

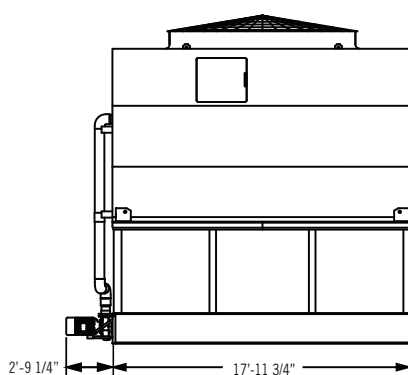
PCC Engineering Data



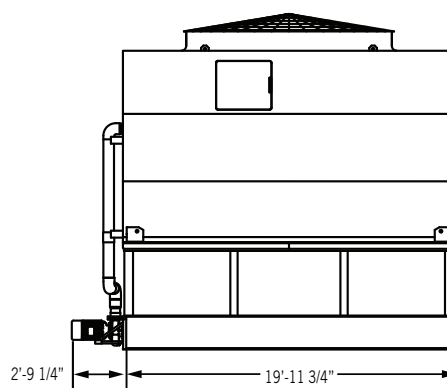
Face A:
PCC 24' x 12, 24' x 18', and 24' x 20' Units



Face D:
PCC 24' x 12' Units



Face D:
PCC 24' x 18' Units



Face D:
PCC 24' x 20' Units



NOTES:

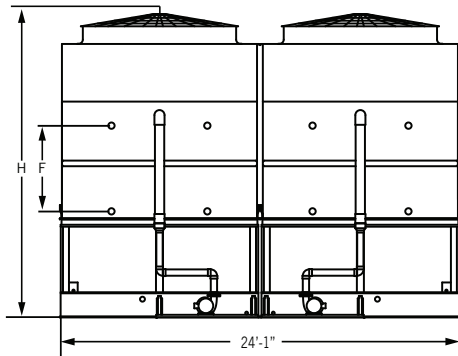
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

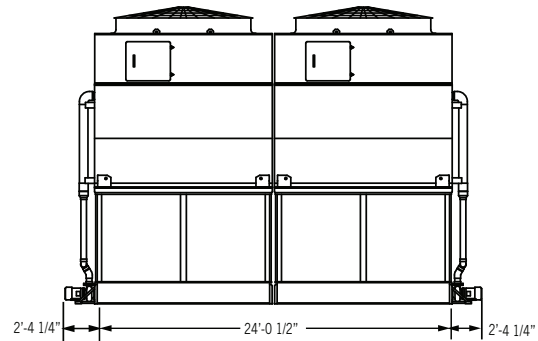


Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-22 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[4] (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ^[3]			Drain Size ^[5] (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
24' x 12'	PCC-0498-2412N020	10,322	703	20	128,090	(2) 5	1,220	33,680	13,930	48,020	1,030	111	(2) 10	740	44,943	4'-9"	18'-6"
	PCC-0530-2412N030	10,985	748	30	149,670			30,960	12,570	45,140	864	93			42,063	4'-1"	17'-10"
	PCC-0586-2412N030	12,146	827	30	137,500			38,130	16,150	52,710	1,271	137			49,633	5'-4"	19'-1"
	PCC-0618-2412N040	12,809	872	40	152,680			35,690	14,930	50,130	1,131	122			47,053	4'-9"	18'-6"
	PCC-0660-2412N050	13,679	931	50	163,070			35,750	14,960	50,190	1,131	122			47,113	4'-9"	18'-6"
	PCC-0692-2412N050	14,343	976	50	154,070			40,330	17,250	55,040	1,398	151			51,963	5'-4"	19'-1"
	PCC-0730-2412N060	15,130	1,030	60	162,940			40,430	17,300	55,140	1,398	151			52,063	5'-4"	19'-1"
	PCC-0792-2412N080	16,415	1,117	80	177,470			40,810	17,490	55,520	1,398	151			52,443	5'-4"	19'-1"
	PCC-0710-2412N050	14,716	1,002	50	146,880			42,520	18,350	57,470	1,638	177			54,393	4'-1"	17'-10"
	PCC-0750-2412N060	15,545	1,058	60	155,250			42,620	18,400	57,570	1,638	177			54,493	4'-1"	17'-10"
	PCC-0790-2412N080	16,374	1,114	80	175,980			40,660	17,420	55,460	1,489	161			52,383	4'-1"	17'-10"
	PCC-0812-2412N080	16,830	1,145	80	168,960			43,000	18,590	57,950	1,638	177			54,873	4'-1"	17'-10"
24' x 18'	PCC-0988-2418N080	20,478	1,394	80	275,170	(2) 7.5	1,842	46,310	18,730	67,720	1,274	138	(2) 12	1,096	62,528	4'-1"	19'-2"
	PCC-0762-2418N030	15,794	1,075	30	208,450			47,790	19,470	69,330	1,397	151			64,138	4'-9"	19'-9"
	PCC-0882-2418N040	18,281	1,244	40	208,360			52,370	21,760	74,190	1,678	181			68,998	4'-9"	19'-9"
	PCC-1062-2418N080	22,011	1,498	80	256,070			53,110	22,130	74,930	1,678	181			69,738	4'-9"	19'-9"
	PCC-1128-2418N100	23,379	1,591	100	273,910			53,320	22,240	75,130	1,678	181			69,938	4'-9"	19'-9"
	PCC-0938-2418N040	19,441	1,323	40	194,720			59,570	25,360	81,940	2,232	241			76,748	4'-1"	19'-2"
	PCC-1034-2418N060	21,431	1,458	60	220,030			60,070	25,610	82,440	2,232	241			77,248	4'-1"	19'-2"
	PCC-1082-2418N080	22,426	1,526	80	254,620			57,350	24,250	79,530	2,043	221			74,338	4'-1"	19'-2"
	PCC-1144-2418N080	23,711	1,614	80	229,890			63,850	27,500	86,440	2,458	265			81,248	4'-1"	19'-2"
	PCC-1180-2418N100	24,457	1,664	100	256,100			60,510	25,840	82,880	2,232	241			77,688	4'-1"	19'-2"
	PCC-1218-2418N100	25,245	1,718	100	245,640			64,050	27,610	86,650	2,458	265			81,458	4'-1"	19'-2"
	PCC-1278-2418N120	26,488	1,802	120	259,410			64,250	27,710	86,850	2,458	265			81,658	4'-1"	19'-2"
24' x 20'	PCC-1088-2420N080	22,550	1,532	80	293,156	(2) 7.5	2,050	47,897	19,273	71,690	1,410	152	(2) 12	1,134	49,804	4'-1"	19'-6"
	PCC-0862-2420N030	17,866	1,214	30	221,672			49,701	20,173	73,630	1,548	167			51,740	4'-9"	20'-1"
	PCC-0982-2420N040	20,353	1,383	40	220,514			54,821	22,733	79,060	1,859	201			57,170	4'-9"	20'-1"
	PCC-1080-2420N060	22,385	1,521	60	249,900			54,981	22,813	79,220	1,859	201			57,330	4'-9"	20'-1"
	PCC-1162-2420N080	24,084	1,637	80	272,540			55,421	23,033	79,660	1,859	201			57,770	4'-9"	20'-1"
	PCC-1228-2420N100	25,452	1,730	100	291,697			55,471	23,058	79,710	1,859	201			57,820	4'-9"	20'-1"
	PCC-1038-2420N040	21,514	1,462	40	206,787			62,957	26,803	87,820	2,478	268			65,934	4'-1"	19'-6"
	PCC-1114-2420N050	23,089	1,569	50	211,805			66,957	28,803	92,070	2,730	295			70,184	4'-1"	19'-6"
	PCC-1134-2420N060	23,504	1,597	60	233,504			63,117	26,883	87,980	2,478	268			66,094	4'-1"	19'-6"
	PCC-1160-2420N060	24,043	1,634	60	223,768			67,057	28,853	92,170	2,730	295			70,284	4'-1"	19'-6"
	PCC-1182-2420N080	24,499	1,665	80	270,279			60,277	25,463	84,930	2,269	245			63,044	4'-1"	19'-6"
	PCC-1244-2420N080	25,784	1,752	80	243,971			67,497	29,073	92,610	2,730	295			70,724	4'-1"	19'-6"
	PCC-1280-2420N100	26,530	1,803	100	272,412			63,607	27,128	88,470	2,478	268			66,584	4'-1"	19'-6"
	PCC-1318-2420N100	27,317	1,856	100	261,031			67,547	29,098	92,660	2,730	295			70,774	4'-1"	19'-6"
	PCC-1378-2420N120	28,561	1,941	120	275,570			68,049	29,349	93,160	2,730	295			71,274	4'-1"	19'-6"

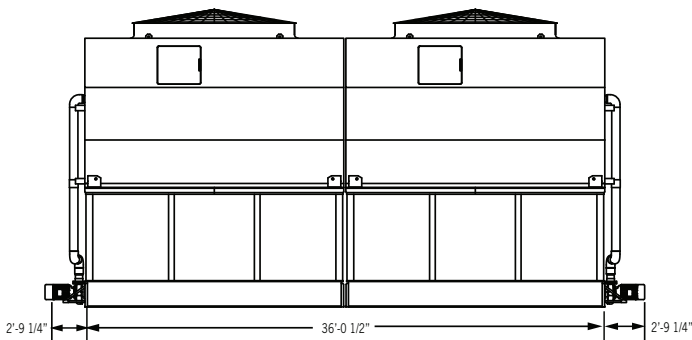
PCC Engineering Data



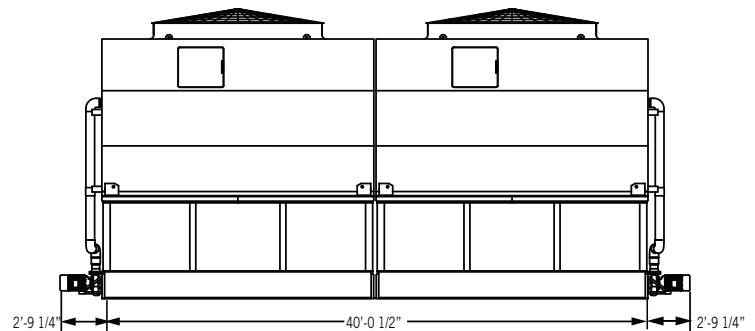
Face A:
PCC 24' x 24', 24' x 36' and 24' x 40' Units



Face D:
PCC 24' x 24' Units



Face D:
PCC 24' x 36' Units



Face D:
PCC 24' x 40' Units



NOTES:

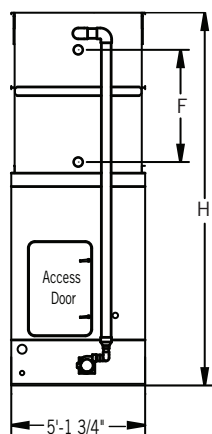
1. Model number denotes R-717 capacity in evaporator tons at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-22 tons are at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
4. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
5. Drain size is based on a bottom connection.
6. For R-22 and R-134a, the coil connection quantity may double.
7. Standard make-up, drain, and overflow connections are MPT.
8. Coil inlet and outlet connections are beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

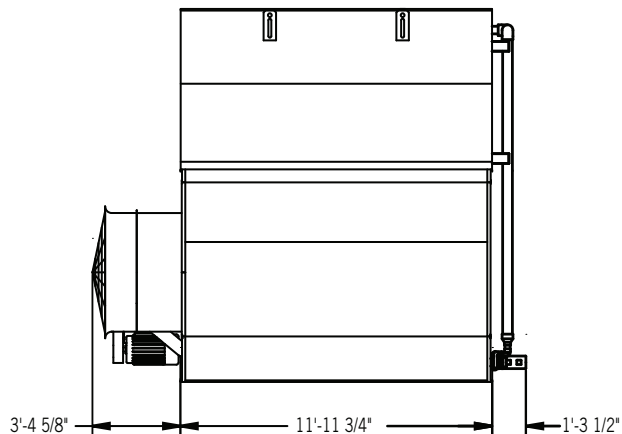


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-22 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁴⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section	Oper. Weight ⁽³⁾			Drain Size ⁽⁵⁾ (in)	Vol. Req. (gal)	Approx. Oper. Weight (lbs)		
24' x 24'	PCC-0996-2424N040	20,643	1,405	40	256,180	(4) 5	2,440	67,840	13,930	96,530	2,059	222	(4) 10	1,480	93,453	4'-9"	20'-6"
	PCC-1060-2424N060	21,970	1,495	60	299,330			62,410	12,570	90,770	1,729	187			87,693	4'-1"	19'-10"
	PCC-1172-2424N060	24,291	1,653	60	274,990			76,750	16,150	105,920	2,543	275			102,843	5'-4"	21'-1"
	PCC-1236-2424N080	25,618	1,743	80	305,360			71,860	14,930	100,760	2,262	244			97,683	4'-9"	20'-6"
	PCC-1320-2424N100	27,359	1,862	100	326,140			71,980	14,960	100,880	2,262	244			97,803	4'-9"	20'-6"
	PCC-1384-2424N100	28,685	1,952	100	308,130			81,150	17,250	110,580	2,796	302			107,503	5'-4"	21'-1"
	PCC-1460-2424N120	30,261	2,059	120	325,870			81,350	17,300	110,780	2,796	302			107,703	5'-4"	21'-1"
	PCC-1584-2424N160	32,831	2,234	160	354,930			82,100	17,490	111,530	2,796	302			108,453	5'-4"	21'-1"
	PCC-1420-2424N100	29,431	2,003	100	293,760			85,530	18,350	115,440	3,276	354			112,363	4'-1"	19'-10"
	PCC-1500-2424N120	31,090	2,115	120	310,490			85,730	18,400	115,640	3,276	354			112,563	4'-1"	19'-10"
	PCC-1580-2424N160	32,748	2,228	160	351,960			81,810	17,420	111,420	2,977	322			108,343	4'-1"	19'-10"
	PCC-1624-2424N160	33,660	2,290	160	337,920			86,490	18,590	116,400	3,276	354			113,323	4'-1"	19'-10"
24' x 36'	PCC-1947-2436N160	40,348	2,745	160	550,330	(4) 7.5	3,684	92,890	18,730	135,730	2,549	275	(4) 12	2,192	130,538	4'-1"	20'-2"
	PCC-1501-2436N060	31,118	2,117	60	416,890			95,860	19,470	138,940	2,795	302			133,748	4'-9"	20'-9"
	PCC-1738-2436N080	36,019	2,451	80	416,710			105,020	21,760	148,660	3,355	362			143,468	4'-9"	20'-9"
	PCC-2092-2436N160	43,370	2,951	160	512,130			106,500	22,130	150,140	3,355	362			144,948	4'-9"	20'-9"
	PCC-2223-2436N200	46,065	3,134	200	547,820			106,920	22,240	150,560	3,355	362			145,368	4'-9"	20'-9"
	PCC-1848-2436N080	38,306	2,606	80	389,430			119,410	25,360	164,160	4,463	482			158,968	4'-1"	20'-2"
	PCC-2037-2436N120	42,226	2,873	120	440,050			120,410	25,610	165,160	4,463	482			159,968	4'-1"	20'-2"
	PCC-2132-2436N160	44,187	3,006	160	509,240			114,970	24,250	159,350	4,087	441			154,158	4'-1"	20'-2"
	PCC-2254-2436N160	46,719	3,179	160	459,770			127,970	27,500	173,180	4,915	531			167,988	4'-1"	20'-2"
	PCC-2325-2436N200	48,189	3,279	200	512,200			121,310	25,840	166,060	4,463	482			160,868	4'-1"	20'-2"
	PCC-2400-2436N200	49,741	3,384	200	491,270			128,390	27,610	173,590	4,915	531			168,398	4'-1"	20'-2"
	PCC-2518-2436N240	52,191	3,551	240	518,820			128,790	27,710	173,990	4,915	531			168,798	4'-1"	20'-2"
24' x 40'	PCC-2159-2440N160	44,742	3,040	160	586,313	(4) 7.5	4,100	96,120	19,273	143,700	2,820	305	(4) 12	2,268	99,916	4'-1"	20'-6"
	PCC-1710-2440N060	35,449	2,409	60	443,344			99,728	20,173	147,590	3,095	334			103,798	4'-9"	21'-1"
	PCC-1948-2440N080	40,383	2,744	80	441,029			109,968	22,733	158,450	3,718	402			114,658	4'-9"	21'-1"
	PCC-2143-2440N120	44,413	3,018	120	499,801			110,288	22,813	158,770	3,718	402			114,978	4'-9"	21'-1"
	PCC-2306-2440N160	47,786	3,247	160	545,080			111,168	23,033	159,650	3,718	402			115,858	4'-9"	21'-1"
	PCC-2436-2440N200	50,500	3,432	200	583,394			111,268	23,058	159,750	3,718	402			115,958	4'-9"	21'-1"
	PCC-2060-2440N080	42,686	2,901	80	413,573			126,240	26,803	175,960	4,956	535			132,176	4'-1"	20'-6"
	PCC-2210-2440N100	45,812	3,113	100	423,609			134,240	28,803	184,460	5,459	590			140,676	4'-1"	20'-6"
	PCC-2250-2440N120	46,634	3,169	120	467,009			126,560	26,883	176,280	4,956	535			132,496	4'-1"	20'-6"
	PCC-2302-2440N120	47,703	3,242	120	447,537			134,440	28,853	184,660	5,459	590			140,876	4'-1"	20'-6"
	PCC-2345-2440N160	48,608	3,303	160	540,558			120,880	25,463	170,180	4,537	490			126,396	4'-1"	20'-6"
	PCC-2468-2440N160	51,158	3,476	160	487,941			135,320	29,073	185,540	5,459	590			141,756	4'-1"	20'-6"
	PCC-2540-2440N200	52,638	3,577	200	544,823			127,540	27,128	177,260	4,956	535			133,476	4'-1"	20'-6"
	PCC-2615-2440N200	54,201	3,683	200	522,062			135,420	29,098	185,640	5,459	590			141,856	4'-1"	20'-6"
	PCC-2734-2440N240	56,668	3,851	240	551,139			136,424	29,349	186,650	5,459	590			142,866	4'-1"	20'-6"

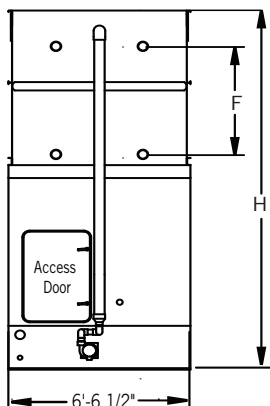
VCA Engineering Data



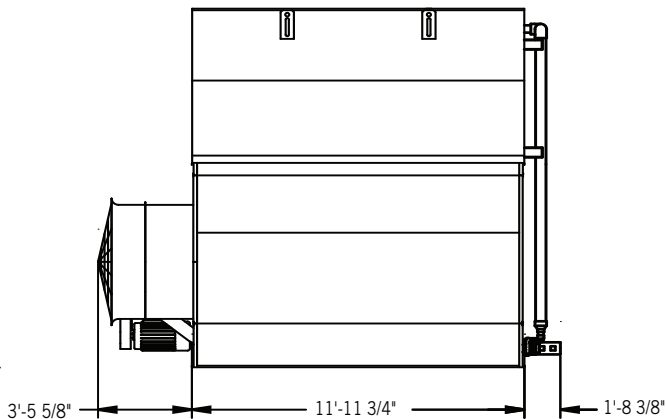
Face A: VCA 5' x 12' Units



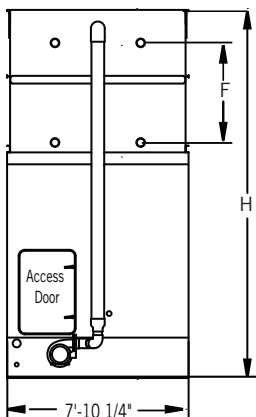
Face C: VCA 5' x 12' Units



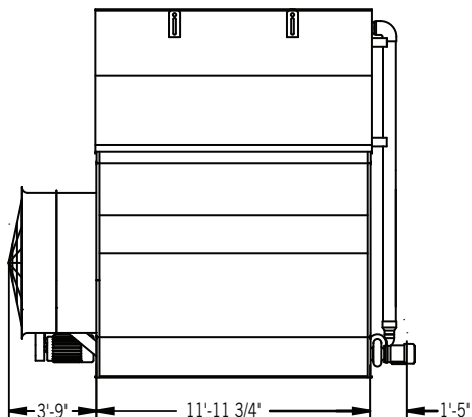
Face A: VCA 6' x 12' Units



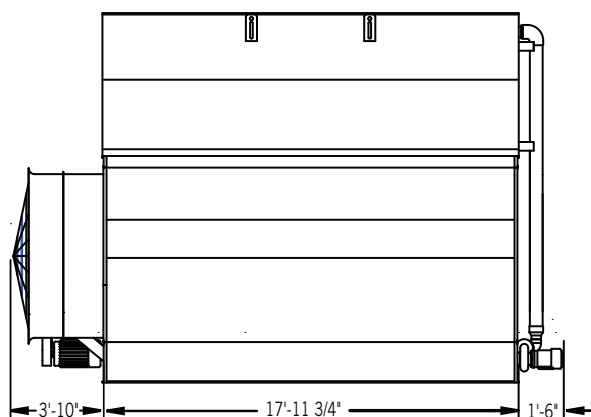
Face C: VCA 6' x 12' Units



Face A: VCA 8' x 12' and 8' x 18' Units



Face C: VCA 8' x 12' Units



Face C: VCA 8' x 18' Units



NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.



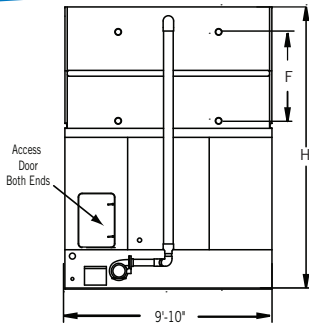
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-717 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
5' x 12'	VCA-122A	1,793	87	3	23,800	1.5	260	6,390	4,350	9,490	185	20	6	239	7,490	2'-10"	12'-10"
	VCA-138A	2,029	98	5	25,900			6,400	4,350	9,500	185	20			7,500	2'-10"	12'-10"
	VCA-150A	2,205	107	7.5	28,300			6,430	4,350	9,530	185	20			7,530	2'-10"	12'-10"
	VCA-161A	2,367	114	10	31,100			6,440	4,350	9,540	185	20			7,540	2'-10"	12'-10"
	VCA-154A	2,264	109	5	24,500			7,270	5,220	10,420	229	25			8,420	3'-7"	13'-7"
	VCA-170A	2,499	121	7.5	28,000			7,300	5,220	10,450	229	25			8,450	3'-7"	13'-7"
	VCA-182A	2,675	129	10	30,800			7,310	5,220	10,460	229	25			8,460	3'-7"	13'-7"
	VCA-178A	2,617	126	7.5	27,300			8,170	6,090	11,360	273	30			9,360	4'-4"	14'-4"
	VCA-191A	2,808	136	10	30,100			8,180	6,090	11,370	273	30			9,370	4'-4"	14'-4"
6' x 12'	VCA-174A	2,558	124	5	31,400	2	330	8,170	5,770	11,960	241	26	8	197	8,740	2'-10"	12'-10"
	VCA-192A	2,822	136	7.5	36,000			8,200	5,770	11,990	241	26			8,770	2'-10"	12'-10"
	VCA-206A	3,028	146	10	39,650			8,210	5,770	12,000	241	26			8,780	2'-10"	12'-10"
	VCA-227A	3,337	161	15	45,400			8,280	5,770	12,070	241	26			8,850	2'-10"	12'-10"
	VCA-195A	2,867	138	5	30,600			9,310	6,910	13,160	299	32			9,940	3'-7"	13'-7"
	VCA-215A	3,161	153	7.5	35,050			9,340	6,910	13,190	299	32			9,970	3'-7"	13'-7"
	VCA-235A	3,455	167	10	38,750			9,350	6,910	13,200	299	32			9,980	3'-7"	13'-7"
	VCA-259A	3,807	184	15	44,400			9,420	6,910	13,270	299	32			10,050	3'-7"	13'-7"
8' x 12'	VCA-261A	3,837	185	10	43,400	3	400	11,720	8,170	16,230	362	39	8	243	12,550	3'-7"	15'-2"
	VCA-288A	4,234	204	15	49,700			11,800	8,170	16,310	362	39			12,630	3'-7"	15'-2"
	VCA-308A	4,528	219	20	54,700			11,830	8,170	16,340	362	39			12,660	3'-7"	15'-2"
	VCA-273A	4,013	194	10	42,400			13,080	9,530	17,660	432	47			13,980	4'-4"	16'-0"
	VCA-301A	4,425	214	15	48,550			13,160	9,530	17,740	432	47			14,060	4'-4"	16'-0"
	VCA-322A	4,733	229	20	53,400			13,190	9,530	17,770	432	47			14,090	4'-4"	16'-0"
	VCA-323A	4,748	229	10	59,100			14,990	9,810	21,710	436	47			16,150	2'-10"	14'-5"
8' x 18'	VCA-356A	5,233	253	15	67,650	5	600	15,070	9,810	21,790	436	47	10	332	16,230	2'-10"	14'-5"
	VCA-382A	5,601	271	20	74,500			15,090	9,810	21,810	436	47			16,250	2'-10"	14'-5"
	VCA-396A	5,821	281	15	65,700			17,070	11,810	23,900	541	58			18,340	3'-7"	15'-2"
	VCA-424A	6,233	301	20	72,300			17,090	11,810	23,920	541	58			18,360	3'-7"	15'-2"
	VCA-416A	6,115	295	15	64,200			19,070	13,810	26,000	647	70			20,440	4'-4"	16'-0"
	VCA-446A	6,556	317	20	70,650			19,090	13,810	26,020	647	70			20,460	4'-4"	16'-0"

NOTES:

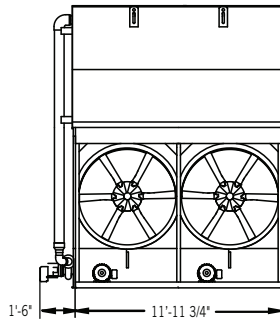
- Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
- R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
- Unless otherwise noted, the coil section is the heaviest section.
- Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
- The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
- Drain size is based on a bottom connection.
- Coil inlet and outlet connections are 4" beveled for welding.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

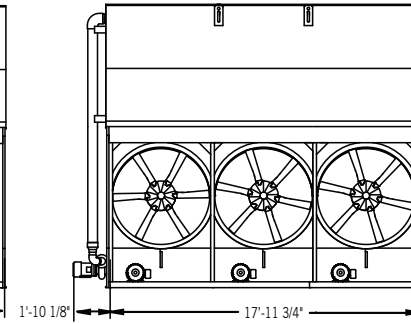
VCA Engineering Data



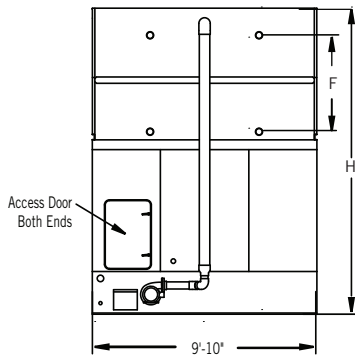
Face A: VCA 10' x 12' and 10' x 18' Units



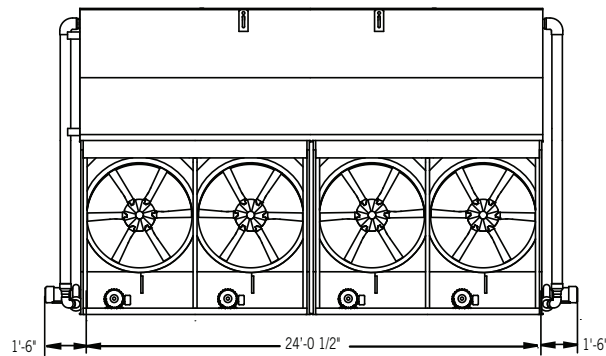
Face D: VCA 10' x 12' Units



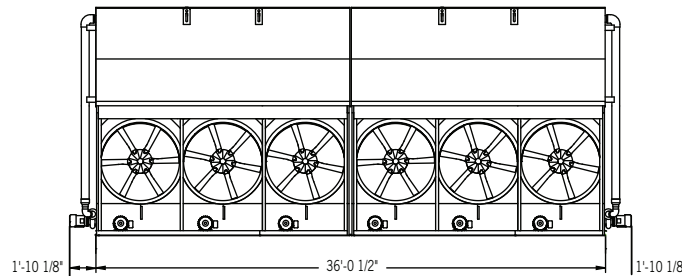
Face D: VCA 10' x 18' Units



Face A: VCA 10' x 24' and 10' x 36' Units



Face D: VCA 10' x 24' Units



Face D: VCA 10' x 36' Units

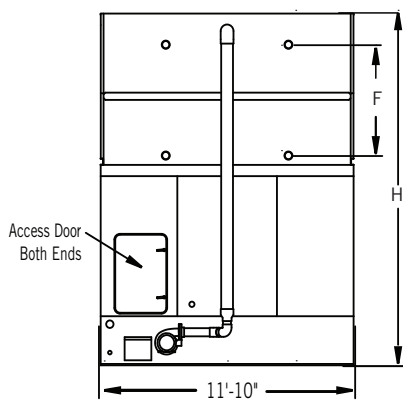
NOTES:

1. Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection.
7. Coil inlet and outlet connections are 4" beveled for welding.

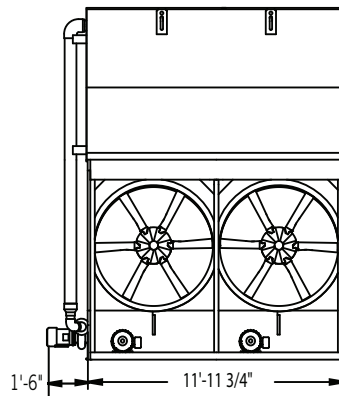
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-717 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
10' x 12'	VCA-300A	4,410	213	(2) 5	59,800	5	500	12,270	8,360	18,340	370	40	8	305	13,740	2'-10"	13'-10"
	VCA-331A	4,866	235	(2) 7.5	68,500			12,330	8,360	18,400	370	40			13,800	2'-10"	13'-10"
	VCA-340A	4,998	241	(2) 5	55,400			13,950	10,040	20,110	458	50			15,510	3'-7"	14'-7"
	VCA-375A	5,513	266	(2) 7.5	63,400			14,010	10,040	20,170	458	50			15,570	3'-7"	14'-7"
	VCA-402A	5,909	285	(2) 10	69,800			14,030	10,040	20,190	458	50			15,590	3'-7"	14'-7"
	VCA-407A	5,983	289	(2) 10	65,400			15,710	11,720	21,960	547	59			17,360	4'-4"	15'-4"
	VCA-401A	5,895	285	(2) 7.5	54,500			16,660	12,690	22,970	608	66			18,370	4'-4"	15'-4"
	VCA-429A	6,306	305	(2) 10	60,000			16,680	12,690	22,990	608	66			18,390	4'-4"	15'-4"
	VCA-473A	6,953	336	(2) 15	68,600			16,820	12,690	23,130	608	66			18,530	4'-4"	15'-4"
	VCA-393A	5,777	279	(2) 5	49,900			18,440	14,530	24,850	707	76			20,250	5'-1"	16'-2"
	VCA-433A	6,365	307	(2) 7.5	57,100			18,500	14,530	24,910	707	76			20,310	5'-1"	16'-2"
	VCA-464A	6,821	329	(2) 10	62,800			18,520	14,530	24,930	707	76			20,330	5'-1"	16'-2"
	VCA-512A	7,526	364	(2) 15	71,900			18,660	14,530	25,070	707	76			20,470	5'-1"	16'-2"
10' x 18'	VCA-460A	6,762	327	(3) 5	87,700	7.5	760	17,770	12,010	26,970	551	60	10	418	19,950	2'-10"	13'-10"
	VCA-507A	7,453	360	(3) 7.5	100,400			17,870	12,010	27,070	551	60			20,050	2'-10"	13'-10"
	VCA-543A	7,982	386	(3) 10	110,500			17,900	12,010	27,100	551	60			20,080	2'-10"	13'-10"
	VCA-510A	7,497	362	(3) 5	87,200			20,260	14,500	29,600	685	74			22,580	3'-7"	14'-7"
	VCA-560A	8,232	398	(3) 7.5	95,700			20,360	14,500	29,700	685	74			22,680	3'-7"	14'-7"
	VCA-600A	8,820	426	(3) 10	105,300			20,390	14,500	29,730	685	74			22,710	3'-7"	14'-7"
	VCA-585A	8,600	415	(3) 7.5	93,600			22,860	17,000	32,330	819	88			25,310	4'-4"	15'-4"
	VCA-620A	9,114	440	(3) 10	100,500			22,890	17,000	32,360	819	88			25,340	4'-4"	15'-4"
	VCA-488A	7,174	346	(3) 3	60,300			24,240	18,510	33,800	912	98			26,780	4'-4"	15'-4"
	VCA-609A	8,952	432	(3) 7.5	81,800			24,370	18,510	33,930	912	98			26,910	4'-4"	15'-4"
	VCA-653A	9,599	464	(3) 10	90,000			24,400	18,510	33,960	912	98			26,940	4'-4"	15'-4"
	VCA-707A	10,393	502	(3) 10	94,200			27,150	21,260	36,860	1,061	115			29,840	5'-1"	16'-2"
	VCA-779A	11,451	553	(3) 15	107,900			27,370	21,260	37,080	1,061	115			30,060	5'-1"	16'-2"
10' x 24'	VCA-662A	9,731	470	(4) 7.5	137,000	(2) 5	1,020	24,750	8,410	36,900	740	80	(2) 8	582	27,870	2'-10"	13'-10"
	VCA-680A	9,996	483	(4) 5	110,800			27,990	10,090	40,310	917	99			31,280	3'-7"	14'-7"
	VCA-750A	11,025	533	(4) 7.5	126,800			28,110	10,090	40,430	917	99			31,400	3'-7"	14'-7"
	VCA-804A	11,819	571	(4) 10	139,600			28,160	10,090	40,480	917	99			31,450	3'-7"	14'-7"
	VCA-760A	11,172	540	(4) 7.5	118,800			31,470	11,770	43,970	1,094	118			34,940	4'-4"	15'-4"
	VCA-814A	11,966	578	(4) 10	130,800			31,520	11,770	44,020	1,094	118			34,990	4'-4"	15'-4"
	VCA-858A	12,613	609	(4) 10	120,000			33,460	12,740	46,080	1,216	131			37,050	4'-4"	15'-4"
	VCA-946A	13,906	672	(4) 15	137,200			33,740	12,740	46,360	1,216	131			37,330	4'-4"	15'-4"
	VCA-866A	12,730	615	(4) 7.5	114,200			37,090	14,580	49,910	1,414	153			40,890	5'-1"	16'-2"
	VCA-928A	13,642	659	(4) 10	125,600			37,140	14,580	49,960	1,414	153			40,940	5'-1"	16'-2"
	VCA-1024A	15,053	727	(4) 15	143,800			37,420	14,580	50,240	1,414	153			41,220	5'-1"	16'-2"
	VCA-S700A	10,296	497	(4) 5	110,800			27,250	19,440	39,570	912	99			30,540	3'-7"	14'-7"
	VCA-S828A	12,173	588	(4) 10	139,600			27,420	19,440	39,740	912	99			30,710	3'-7"	14'-7"
	VCA-S838A	12,325	595	(4) 10	130,800			30,730	22,750	43,230	1,092	118			34,200	4'-4"	15'-4"
	VCA-S884A	12,991	627	(4) 10	120,000			32,790	24,810	45,410	1,216	131			36,380	4'-4"	15'-4"
10' x 36'	VCA-920A	13,524	653	(6) 5	175,400	(2) 7.5	1,540	35,710	12,100	54,110	1,102	119	(2) 10	807	40,240	2'-10"	13'-10"
	VCA-1086A	15,964	771	(6) 10	221,000			35,970	12,100	54,370	1,102	119			40,500	2'-10"	13'-10"
	VCA-1020A	14,994	724	(6) 5	174,400			40,700	14,590	59,370	1,370	148			45,500	3'-7"	14'-7"
	VCA-1120A	16,464	795	(6) 7.5	191,400			40,890	14,590	59,560	1,370	148			45,690	3'-7"	14'-7"
	VCA-1200A	17,640	852	(6) 10	210,600			40,960	14,590	59,630	1,370	148			45,760	3'-7"	14'-7"
	VCA-1062A	15,611	754	(6) 5	163,600			45,690	17,090	64,630	1,638	177			50,760	4'-4"	15'-4"
	VCA-1169A	17,199	831	(6) 7.5	187,200			45,880	17,090	64,820	1,638	177			50,950	4'-4"	15'-4"
	VCA-1240A	18,228	880	(6) 10	201,000			45,950	17,090	64,890	1,638	177			51,020	4'-4"	15'-4"
	VCA-1218A	17,905	865	(6) 7.5	163,600			48,900	18,600	68,030	1,823	197			54,160	4'-4"	15'-4"
	VCA-1306A	19,198	927	(6) 10	180,000			48,970	18,600	68,100	1,823	197			54,230	4'-4"	15'-4"
	VCA-1414A	20,786	1,004	(6) 10	188,400			54,460	21,340	73,880	2,122	229			60,010	5'-1"	16'-2"
	VCA-1558A	22,903	1,106	(6) 15	215,800			54,890	21,340	74,310	2,122	229			60,440	5'-1"	16'-2"

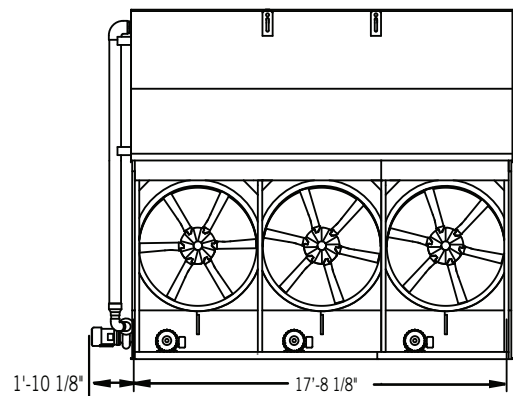
VCA Engineering Data



Face A: VCA 12' x 12' and 12' x 18' Units



Face D: VCA 12' x 12' Units



Face D: VCA 12' x 18' Units



NOTES:

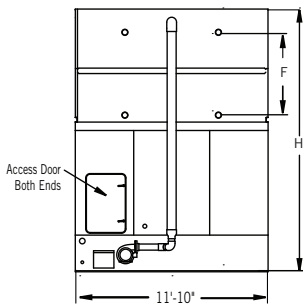
1. Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection..

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

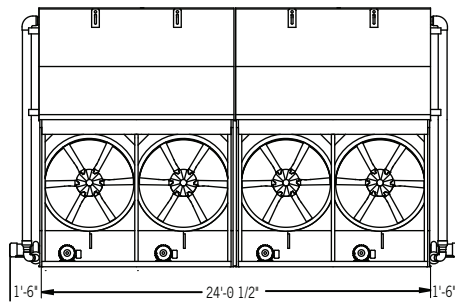


Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-717 Tons ⁽²⁾	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁵⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽³⁾	Oper. Weight ⁽⁴⁾			Drain Size ⁽⁶⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 12'	VCA-302A	4,439	214	(2) 3	50,400	5	610	14,040	10,020	21,770	455	49	8	506	17,050	2'-10"	13'-10"
	VCA-342A	5,027	243	(2) 5	59,750			14,060	10,020	21,790	455	49			17,070	2'-10"	13'-10"
	VCA-377A	5,542	268	(2) 7.5	68,400			14,020	10,020	21,750	455	49			17,030	2'-10"	13'-10"
	VCA-404A	5,939	287	(2) 10	75,300			14,040	10,020	21,770	455	49			17,050	2'-10"	13'-10"
	VCA-381A	5,601	271	(2) 5	59,800			16,040	12,070	23,880	564	61			19,160	3'-7"	14'-7"
	VCA-420A	6,174	298	(2) 7.5	68,400			16,070	12,070	23,910	564	61			19,190	3'-7"	14'-7"
	VCA-451A	6,630	320	(2) 10	73,100			16,090	12,070	23,930	564	61			19,210	3'-7"	14'-7"
	VCA-471A	6,924	334	(2) 10	71,400			18,130	14,110	26,080	673	73			21,360	4'-4"	15'-4"
	VCA-513A	7,541	364	(2) 15	81,750			18,200	14,110	26,150	673	73			21,430	4'-4"	15'-4"
	VCA-491A	7,218	349	(2) 10	71,200			19,170	15,150	27,180	735	79			22,460	4'-4"	15'-4"
	VCA-541A	7,953	384	(2) 15	81,500			19,240	15,150	27,250	735	79			22,530	4'-4"	15'-4"
	VCA-580A	8,526	412	(2) 20	89,700			19,480	15,150	27,490	735	79			22,770	4'-4"	15'-4"
	VCA-537A	7,894	381	(2) 10	67,300			21,290	17,270	29,420	854	92			24,700	5'-1"	16'-2"
	VCA-584A	8,600	415	(2) 15	77,040			21,360	17,270	29,490	854	92			24,770	5'-1"	16'-2"
	VCA-626A	9,202	444	(2) 20	85,200			21,460	17,270	29,590	854	92			24,870	5'-1"	16'-2"
	VCA-661A	9,717	469	(2) 25	91,800			21,600	17,270	29,730	854	92			25,010	5'-1"	16'-2"
12' x 18'	VCA-526A	7,732	373	(3) 5	89,700	7.5	920	20,240	14,570	31,950	679	73	10	695	24,500	2'-10"	13'-10"
	VCA-581A	8,541	413	(3) 7.5	102,650			20,270	14,570	31,980	679	73			24,530	2'-10"	13'-10"
	VCA-623A	9,158	442	(3) 10	113,000			20,280	14,570	31,990	679	73			24,540	2'-10"	13'-10"
	VCA-582A	8,555	413	(3) 5	87,000			23,280	17,610	35,160	844	91			27,710	3'-7"	14'-7"
	VCA-642A	9,437	456	(3) 7.5	99,600			23,310	17,610	35,190	844	91			27,740	3'-7"	14'-7"
	VCA-688A	10,114	488	(3) 10	109,650			23,320	17,610	35,200	844	91			27,750	3'-7"	14'-7"
	VCA-602A	8,849	427	(3) 5	85,100			26,320	20,650	38,360	1,009	109			30,910	4'-4"	15'-4"
	VCA-664A	9,761	471	(3) 7.5	97,400			26,350	20,650	38,390	1,009	109			30,940	4'-4"	15'-4"
	VCA-711A	10,452	505	(3) 10	107,150			26,360	20,650	38,400	1,009	109			30,950	4'-4"	15'-4"
	VCA-785A	11,540	557	(3) 15	122,650			26,440	20,650	38,480	1,009	109			31,030	4'-4"	15'-4"
	VCA-751A	11,025	533	(3) 10	106,800			27,940	22,230	40,070	1,102	119			32,620	4'-4"	15'-4"
	VCA-827A	12,157	587	(3) 15	122,200			28,020	22,230	40,150	1,102	119			32,700	4'-4"	15'-4"
	VCA-887A	13,039	630	(3) 20	134,500			28,160	22,230	40,290	1,102	119			32,840	4'-4"	15'-4"
	VCA-895A	13,157	635	(3) 15	115,000			31,230	25,440	43,540	1,282	138			36,090	5'-1"	16'-2"
	VCA-957A	14,068	679	(3) 20	126,080			31,370	25,440	43,680	1,282	138			36,230	5'-1"	16'-2"
	VCA-1010A	14,847	717	(3) 25	135,800			31,500	25,440	43,810	1,282	138			36,360	5'-1"	16'-2"

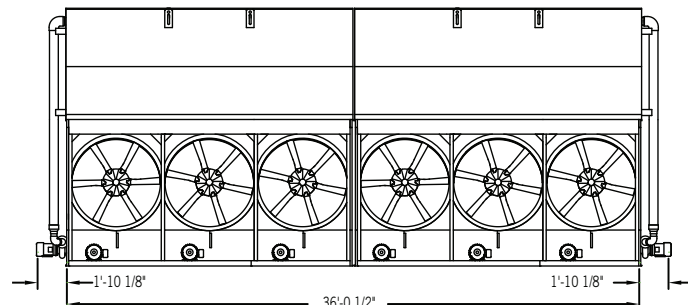
VCA Engineering Data



Face A:
VCA 12' x 24' and 12' x 36' Units



Face D: VCA 12' x 24' Units



Face D: VCA 12' x 36' Units



NOTES:

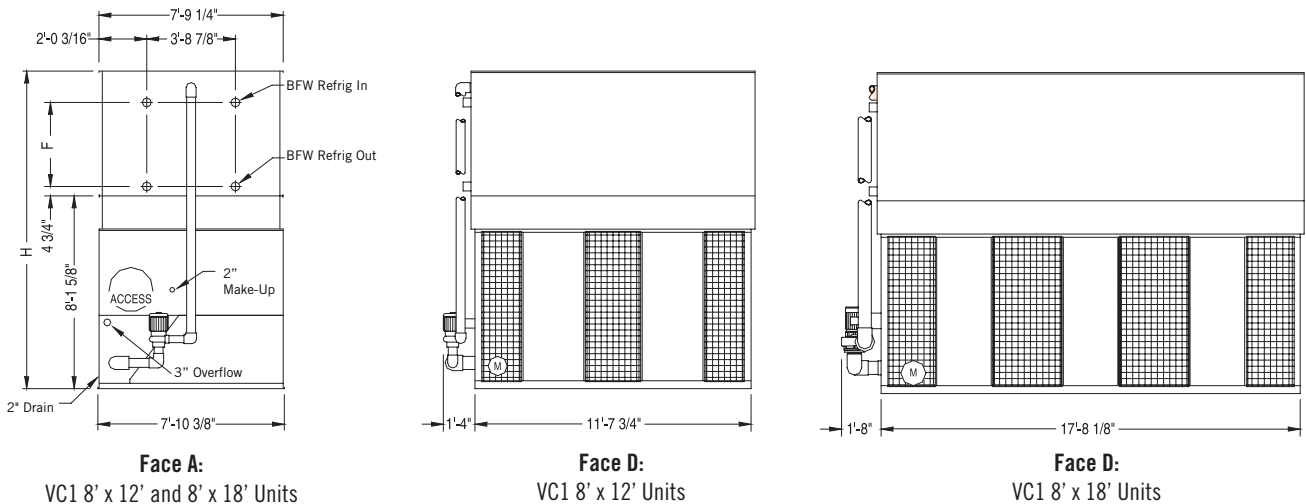
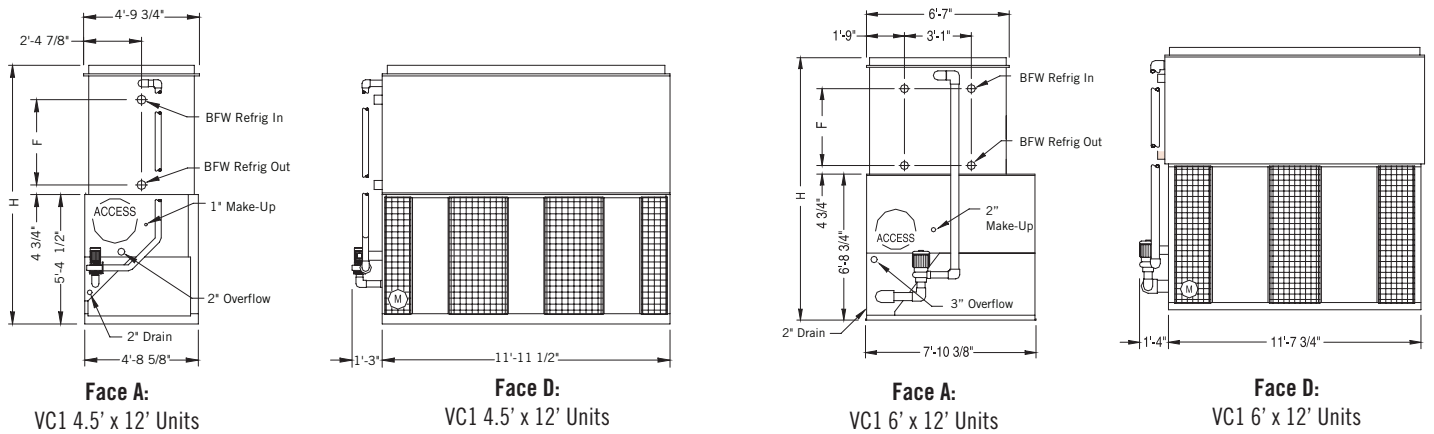
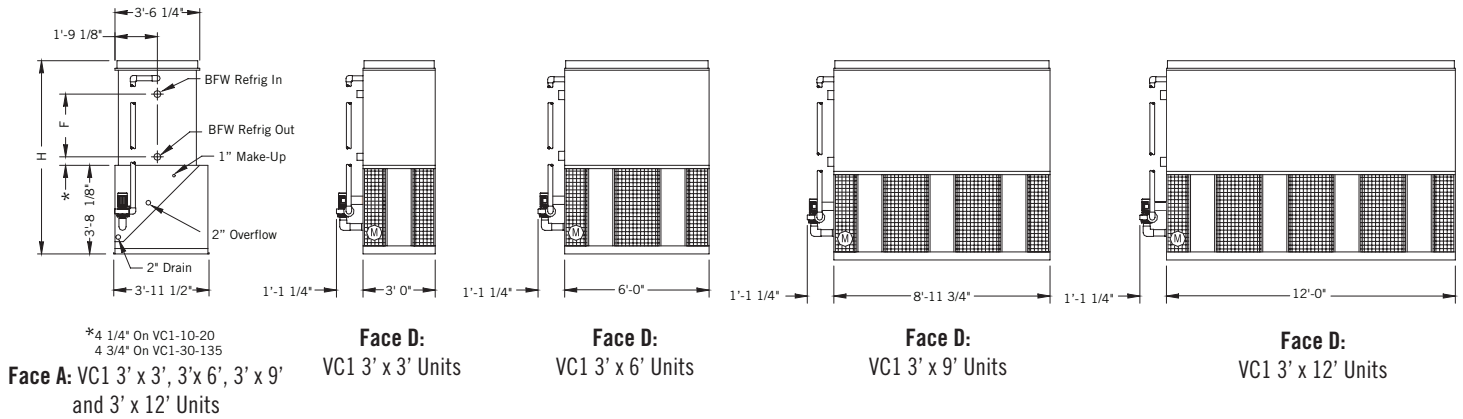
1. Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
2. R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
3. Unless otherwise noted, the coil section is the heaviest section.
4. Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
5. The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
6. Drain size is based on a bottom connection..

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.



Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-717 Tons ^[2]	Fan Motor (HP)	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ^[3] (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ^[2]	Oper. Weight ^[4]			Drain Size ^[6] (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 24'	VCA-605A	8,894	430	(4) 3	100,800	(2) 5	1,240	28,030	10,090	43,490	911	98	(2) 8	986	34,060	2'-10"	13'-10"
	VCA-684A	10,055	486	(4) 5	119,500			28,050	10,090	43,510	911	98			34,080	2'-10"	13'-10"
	VCA-754A	11,084	535	(4) 7.5	136,800			28,090	10,090	43,550	911	98			34,120	2'-10"	13'-10"
	VCA-808A	11,878	574	(4) 10	150,600			28,100	10,090	43,560	911	98			34,130	2'-10"	13'-10"
	VCA-762A	11,201	541	(4) 5	119,600			32,140	12,140	47,810	1,129	122			38,380	3'-7"	14'-7"
	VCA-840A	12,348	596	(4) 7.5	136,800			32,180	12,140	47,850	1,129	122			38,420	3'-7"	14'-7"
	VCA-902A	13,259	640	(4) 10	146,200			32,190	12,140	47,860	1,129	122			38,430	3'-7"	14'-7"
	VCA-879A	12,921	624	(4) 7.5	129,800			36,270	14,180	52,160	1,347	145			42,730	4'-4"	15'-4"
	VCA-942A	13,847	669	(4) 10	142,800			36,280	14,180	52,170	1,347	145			42,740	4'-4"	15'-4"
	VCA-1026A	15,082	728	(4) 15	163,500			36,360	14,180	52,250	1,347	145			42,820	4'-4"	15'-4"
	VCA-982A	14,435	697	(4) 10	142,400			38,340	15,210	54,350	1,470	159			44,920	4'-4"	15'-4"
	VCA-1082A	15,905	768	(4) 15	163,000			38,420	15,210	54,430	1,470	159			45,000	4'-4"	15'-4"
	VCA-1160A	17,052	824	(4) 20	179,400			38,730	15,210	54,740	1,470	159			45,310	4'-4"	15'-4"
	VCA-1075A	15,803	763	(4) 10	134,600			42,590	17,340	58,840	1,708	184			49,420	5'-1"	16'-2"
	VCA-1170A	17,199	831	(4) 15	154,080			42,670	17,340	58,920	1,708	184			49,500	5'-1"	16'-2"
	VCA-1252A	18,404	889	(4) 20	170,400			42,840	17,340	59,090	1,708	184			49,670	5'-1"	16'-2"
	VCA-1321A	19,419	938	(4) 25	183,600			42,980	17,340	59,230	1,708	184			49,810	5'-1"	16'-2"
	VCA-S870A	12,789	618	(4) 7.5	136,800			31,450	23,540	47,120	1,124	121			37,690	3'-7"	14'-7"
	VCA-S932A	13,700	662	(4) 10	146,200			31,460	23,540	47,130	1,124	121			37,700	3'-7"	14'-7"
	VCA-S972A	14,288	690	(4) 10	142,800			35,500	27,580	51,390	1,345	145			41,960	4'-4"	15'-4"
	VCA-S1071A	15,744	760	(4) 15	163,500			35,580	27,580	51,470	1,345	145			42,040	4'-4"	15'-4"
	VCA-S1019A	14,979	723	(4) 10	153,400			37,630	29,710	53,640	1,470	159			44,210	4'-4"	15'-4"
	VCA-S1124A	16,523	798	(4) 15	163,000			37,700	29,710	53,710	1,470	159			44,280	4'-4"	15'-4"
	VCA-S1204A	17,699	855	(4) 20	179,400			37,710	29,710	53,720	1,470	159			44,290	4'-4"	15'-4"
12' x 36'	VCA-930A	13,671	660	(6) 3	151,400	(2) 7.5	1,860	40,610	14,690	64,030	1,358	147	(2) 10	1,345	49,160	2'-10"	13'-10"
	VCA-1052A	15,464	747	(6) 5	179,400			40,630	14,690	64,050	1,358	147			49,180	2'-10"	13'-10"
	VCA-1162A	17,081	825	(6) 7.5	205,300			40,670	14,690	64,090	1,358	147			49,220	2'-10"	13'-10"
	VCA-1246A	18,316	885	(6) 10	226,000			40,690	14,690	64,110	1,358	147			49,240	2'-10"	13'-10"
	VCA-1284A	18,875	912	(6) 7.5	199,200			46,740	17,720	70,490	1,687	182			55,630	3'-7"	14'-7"
	VCA-1376A	20,227	977	(6) 10	219,300			46,760	17,720	70,510	1,687	182			55,650	3'-7"	14'-7"
	VCA-1204A	17,699	855	(6) 5	170,200			52,780	20,760	76,860	2,017	218			62,000	4'-4"	15'-4"
	VCA-1327A	19,507	942	(6) 7.5	194,800			52,820	20,760	76,900	2,017	218			62,040	4'-4"	15'-4"
	VCA-1422A	20,903	1,010	(6) 10	214,300			52,840	20,760	76,920	2,017	218			62,060	4'-4"	15'-4"
	VCA-1570A	23,079	1,115	(6) 15	245,300			52,920	20,760	77,000	2,017	218			62,140	4'-4"	15'-4"
	VCA-1501A	22,065	1,066	(6) 10	213,600			56,000	22,340	80,270	2,203	238			65,410	4'-4"	15'-4"
	VCA-1654A	24,314	1,174	(6) 15	244,400			56,080	22,340	80,350	2,203	238			65,490	4'-4"	15'-4"
	VCA-1774A	26,078	1,260	(6) 20	269,000			56,330	22,340	80,600	2,203	238			65,740	4'-4"	15'-4"
	VCA-1790A	26,313	1,271	(6) 15	230,000			62,490	25,550	87,120	2,564	277			72,260	5'-1"	16'-2"
	VCA-1914A	28,136	1,359	(6) 20	252,160			62,740	25,550	87,370	2,564	277			72,510	5'-1"	16'-2"
	VCA-2019A	29,679	1,433	(6) 25	271,600			62,870	25,550	87,500	2,564	277			72,640	5'-1"	16'-2"

VC1 Engineering Data



NOTE: Up-to-date engineering data, free product selection software, and more can be found at www.BaltimoreAircoil.com.

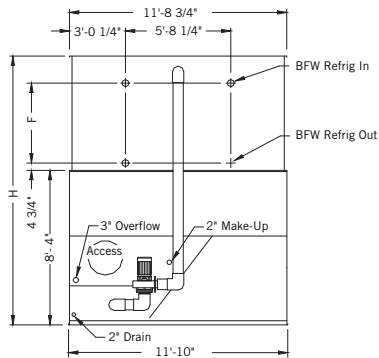
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-717 Tons ⁽²⁾	Fan Motor (HP) ⁽³⁾	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁶⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽⁴⁾	Oper. Weight ⁽⁵⁾			Drain Size ⁽⁷⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
3' x 3'	VC1-10	147	7	1/2	2,900	0.3	35	1,270	*1,270	1,400	19	2	2.5	25	1,220	1'-2 1/4"	6'-7 1/4"
	VC1-15	221	11	1	3,800			1,460	*1,460	1,600	25	2.7			1,420	1'-10 3/4"	7'-3 3/4"
	VC1-20	294	14	1.5	4,400			1,620	1,000	1,770	32	3.5			1,590	2'-7 1/4"	8'-0 1/4"
	VC1-25	368	18	3	5,300			1,670	1,050	1,820	34	3.5			1,640	2'-7 1/4"	8'-0 1/4"
3' x 6'	VC1-30	441	21	3	8,200	0.5	75	2,010	*2,010	2,300	35	3.5	3	50	1,990	1'-1 1/4"	6'-7 1/4"
	VC1-38	559	27	3	8,900			2,240	*2,240	2,560	45	5			2,250	1'-9 3/4"	7'-3 3/4"
	VC1-46	676	33	3	8,500			2,540	1,650	2,880	61	6.5			2,570	2'-6 1/4"	8'-0 1/4"
	VC1-52	764	37	5	10,200			2,590	1,700	2,930	65	6.5			2,620	2'-6 1/4"	8'-0 1/4"
	VC1-58	853	41	5	9,800			2,860	1,940	3,230	76	8			2,920	3'-2 3/4"	8'-8 3/4"
	VC1-65	956	46	7.5	11,600			2,930	2,010	3,300	80	8			2,990	3'-2 3/4"	8'-8 3/4"
3' x 9'	VC1-72	1,058	51	5	12,300	0.75	115	3,510	2,400	4,210	60	9.6	4	75	3,770	2'-9 1/4"	8'-3 1/4"
	VC1-80	1,176	57	7.5	14,500			3,580	2,470	4,280	100	9.6			3,840	2'-9 1/4"	8'-3 1/4"
	VC1-90	1,323	64	7.5	14,000			4,000	2,850	4,750	110	12			4,310	3'-6 1/2"	9'-0 1/2"
3' x 12'	VC1-100	1,470	71	7.5	19,600	1	150	4,450	3,060	5,420	120	13	4	105	4,830	2'-9 1/4"	8'-3 1/4"
	VC1-110	1,617	78	10	22,000			4,530	3,140	5,500	130	13			4,910	2'-9 1/4"	8'-3 1/4"
	VC1-125	1,838	89	10	21,000			5,060	3,640	6,080	145	16			5,490	3'-6 1/2"	9'-0 1/2"
	VC1-135	1,985	96	15	23,000			5,180	3,640	6,160	145	16			5,570	3'-6 1/2"	9'-0 1/2"
4.5' x 12'	VC1-150	2,205	106	10	28,200	1.5	220	7,480	4,920	8,730	170	18	6	140	7,880	2'-9 1/4"	9'-11 5/8"
	VC1-165	2,426	117	10	27,200			8,060	5,830	9,680	210	25			8,830	3'-6 1/2"	10'-8 7/8"
	VC1-185	2,720	131	15	33,300			8,170	5,930	9,770	210	23			8,920	3'-6 1/2"	10'-8 7/8"
	VC1-205	3,014	145	20	35,800			8,820	6,580	10,420	245	27			9,570	4'-3 3/4"	11'-6 1/8"
6' x 12'	VC1-N208	3,058	148	15	39,650	2	305	10,170	6,580	13,710	230	25	6	360	11,460	2'-9 1/4"	11'-3 7/8"
	VC1-N230	3,381	163	15	38,550			11,410	8,220	15,000	245	31			12,750	3'-6 1/2"	12'-1 1/8"
8' x 12'	VC1-N243	3,572	172	20	46,150	3	385	10,720	7,050	15,140	290	32	6	260	13,040	2'-9 1/4"	12'-9 1/8"
	VC1-N257	3,778	182	25	49,700			10,770	7,050	15,190	290	32			13,090	2'-9 1/4"	12'-9 1/8"
	VC1-N275	4,043	195	20	44,800			12,130	8,460	16,700	360	40			14,600	3'-6 1/2"	13'-6 3/4"
	VC1-N301	4,425	213	25	47,150			13,580	9,860	18,210	430	47			16,110	4'-3 3/4"	14'-3 5/8"
	VC1-N315	4,631	223	30	50,100			13,600	9,860	18,230	430	47			16,130	4'-3 3/4"	14'-3 5/8"
	VC1-N338	4,969	240	20	60,450			15,630	10,390	22,360	435	48			19,110	2'-9 1/4"	12'-9 1/8"
8' x 18'	VC1-N357	5,248	253	25	65,100	5	580	15,680	10,390	22,410	435	48	8	520	19,160	2'-9 1/4"	12'-9 1/8"
	VC1-N373	5,483	265	30	69,200			15,700	10,390	22,430	435	48			19,180	2'-9 1/4"	12'-9 1/8"
	VC1-N417	6,130	296	30	67,200			17,880	12,570	24,820	540	59			21,570	3'-6 1/2"	13'-6 3/4"
	VC1-N470	6,909	333	40	72,250			20,250	14,750	27,410	645	71			24,160	4'-3 3/4"	14'-3 5/8"

NOTES:

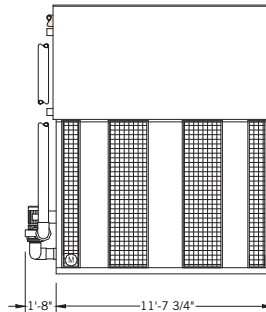
- Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
- R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
- Fan horsepower is at 0" external static pressure.
- Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
- The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
- Drain size is based on a bottom connection.
- Coil inlet and outlet connections are 3" BFW for VC1-10 through VC1-25 and are 4" BFW for all other models.
- For VC1-10 through VC1-205, the riser pipe diameter is 3". For VC1-N208 through VC1-315, the riser pipe diameter is 4". For VC1-N338 through VC1-N470, the riser pipe diameter is 6".
- Asterisk * denotes unit ships in one piece.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

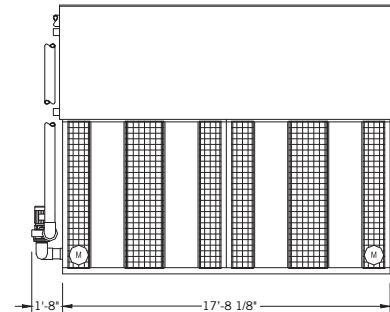
VC1 Engineering Data



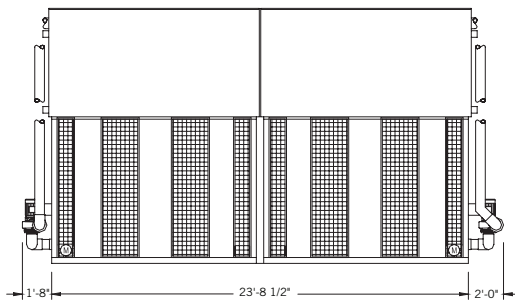
Face A: VC1 12' x 12', 12' x 18',
12' x 24' and 12' x 36 Units



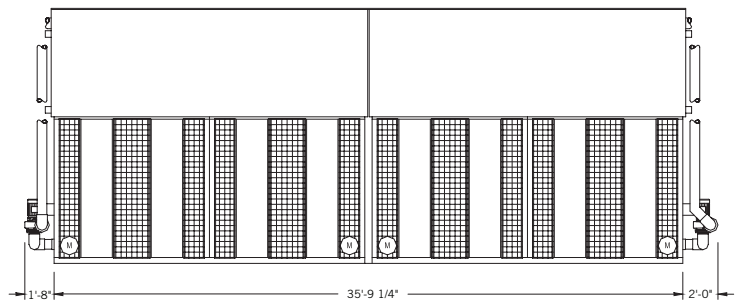
Face D:
VC1 12' x 12' Units



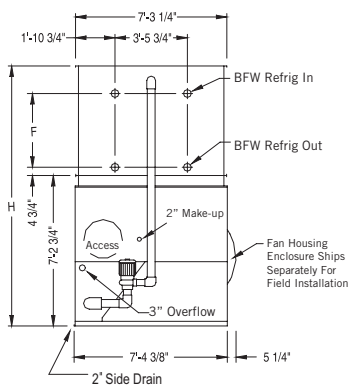
Face D:
VC1 12' x 18' Units



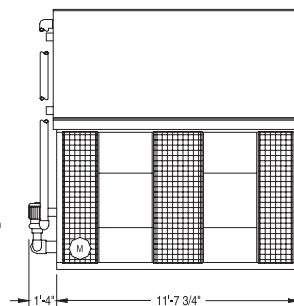
Face D:
VC1 12' x 24' Units



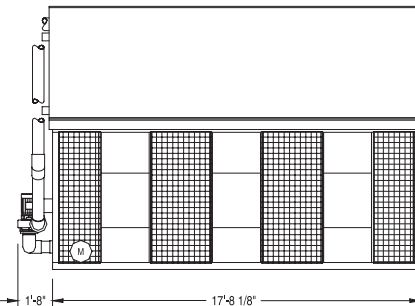
Face D:
VC1 12' x 36' Units



Face D: VC1 7.4' x 18'
and 7.4' x 12' Units



Face D:
VC1 7.4' x 12' Units



Face D:
VC1 7.4' x 18' Units



NOTE: Designed to minimize ocean freight costs, VC1-C models fit in standard dry van containers.

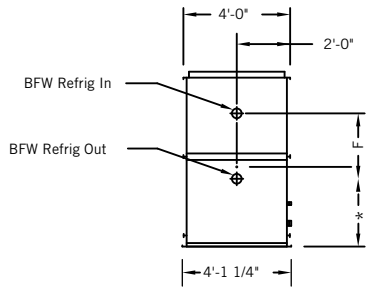
Nom. Box Size	Model Number ⁽¹⁾	Base Heat Rejection (MBH)	R-717 Tons ⁽²⁾	Fan Motor (HP) ⁽³⁾	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)			R-717 Operating Charge ⁽⁶⁾ (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Heaviest Section ⁽⁴⁾	Oper. Weight ⁽⁵⁾			Drain Size ⁽⁷⁾ (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
12' x 12'	VC1-386	5,674	274	30	74,250	5	585	15,810	10,300	23,860	445	49	8	600	19,350	2'-9 1/4"	12'-11 1/2"
	VC1-436	6,409	309	30	72,050			17,880	12,370	26,140	550	60			21,630	3'-6 1/2"	13'-8 3/4"
	VC1-467	6,865	331	40	79,300			18,070	12,370	26,330	550	60			21,820	3'-6 1/2"	13'-8 3/4"
	VC1-454	6,674	322	30	70,400			19,950	14,440	28,430	655	72			23,920	4'-3 3/4"	14'-6"
	VC1-487	7,159	345	40	77,500			20,140	14,440	28,620	655	72			24,110	4'-3 3/4"	14'-6"
	VC1-516	7,585	366	50	83,450			20,180	14,440	28,660	655	72			24,150	4'-3 3/4"	14'-6"
12' x 18'	VC1-540	7,938	383	(2) 15	97,250	5	835	22,850	15,170	35,090	665	72	10	710	28,530	2'-9 1/4"	12'-11 1/2"
	VC1-579	8,511	411	(2) 20	107,050			22,870	15,170	35,110	665	72			28,550	2'-9 1/4"	12'-11 1/2"
	VC1-612	8,996	434	(2) 25	115,300			22,970	15,170	35,210	665	72			28,650	2'-9 1/4"	12'-11 1/2"
	VC1-646	9,496	458	(2) 20	103,900			25,990	18,290	38,560	825	90			32,000	3'-6 1/2"	13'-8 3/4"
	VC1-683	10,040	484	(2) 25	111,950			26,090	18,290	38,660	825	90			32,100	3'-6 1/2"	13'-8 3/4"
	VC1-715	10,511	507	(2) 30	118,950			26,130	18,290	38,700	825	90			32,140	3'-6 1/2"	13'-8 3/4"
	VC1-748	10,996	530	(2) 30	116,200			29,240	21,400	42,140	990	108			35,580	4'-3 3/4"	14'-6"
	VC1-804	11,819	570	(2) 40	127,900			29,620	21,400	42,520	990	108			35,960	4'-3 3/4"	14'-6"
12' x 24'	VC1-772	11,348	548	(2) 30	148,500	(2) 5	1,170	31,560	⊙ 10,960	47,930	890	98	(2) 10	1,360	39,760	2'-9 1/4"	12'-11 1/2"
	VC1-872	12,818	618	(2) 30	144,100			35,700	12,370	52,490	1,100	121			44,320	3'-6 1/2"	13'-8 3/4"
	VC1-934	13,730	662	(2) 40	158,600			36,080	12,370	52,870	1,100	121			44,700	3'-6 1/2"	13'-8 3/4"
	VC1-908	13,348	644	(2) 30	140,800			39,840	14,440	57,070	1,310	144			48,900	4'-3 3/4"	14'-6"
	VC1-974	14,318	691	(2) 40	155,000			40,220	14,440	57,450	1,310	144			49,280	4'-3 3/4"	14'-6"
	VC1-1032	15,170	732	(2) 50	166,900			40,300	14,440	57,530	1,310	144			49,360	4'-3 3/4"	14'-6"
12' x 36'	VC1-1158	17,023	821	(4) 20	214,100	(2) 5	1,670	45,710	⊙ 15,340	70,450	1,330	146	(2) 12	2,090	57,180	2'-9 1/4"	12'-11 1/2"
	VC1-1224	17,993	868	(4) 25	230,600			45,910	⊙ 15,540	70,650	1,330	146			57,380	2'-9 1/4"	12'-11 1/2"
	VC1-1366	20,080	969	(4) 25	223,900			52,120	18,290	77,520	1,650	181			64,250	3'-6 1/2"	13'-8 3/4"
	VC1-1430	21,021	1014	(4) 30	237,900			52,200	18,290	77,600	1,650	181			64,330	3'-6 1/2"	13'-8 3/4"
	VC1-1496	21,991	1061	(4) 30	232,400			58,420	21,400	84,480	1,980	216			71,210	4'-3 3/4"	14'-6"
	VC1-1608	23,638	1140	(4) 40	255,800			59,180	21,400	85,240	1,980	216			71,970	4'-3 3/4"	14'-6"
7.4' x 12'	VC1-C216	3,175	153	15	40,060	3	385	10,270	6,680	14,880	265	29	6	360	12,780	2'-9 1/4"	11'-10 1/4"
	VC1-C231	3,396	164	20	44,090			10,280	6,680	14,890	265	29			12,790	2'-9 1/4"	11'-10 1/4"
	VC1-C242	3,557	172	15	38,870			11,560	7,970	16,300	330	36			14,200	3'-6 1/2"	12'-7 1/2"
	VC1-C260	3,822	184	20	42,790			11,570	7,970	16,310	330	36			14,210	3'-6 1/2"	12'-7 1/2"
	VC1-C274	4,028	194	25	46,090			11,620	7,970	16,360	330	36			14,260	3'-6 1/2"	12'-7 1/2"
	VC1-C286	4,204	203	30	48,980			11,640	7,970	16,380	330	36			14,280	3'-6 1/2"	12'-7 1/2"
	VC1-C299	4,395	212	30	47,830			12,920	9,250	17,720	390	43			15,620	4'-3 3/4"	13'-4 3/4"
	VC1-C320	4,704	227	40	52,650			13,110	9,250	17,910	390	43			15,710	4'-3 3/4"	13'-4 3/4"
7.4' x 18'	VC1-C339	4,983	241	25	62,180	5	580	15,050	9,830	22,040	395	43	8	520	18,790	2'-9 1/4"	11'-10 1/4"
	VC1-C354	5,204	251	30	66,080			15,070	9,830	22,060	395	43			18,810	2'-9 1/4"	11'-10 1/4"
	VC1-C380	5,586	269	40	72,730			15,260	9,830	22,250	395	43			19,000	2'-9 1/4"	11'-10 1/4"
	VC1-C396	5,821	281	30	64,180			17,050	11,810	24,240	490	54			20,990	3'-6 1/2"	12'-7 1/2"
	VC1-C424	6,233	301	40	70,640			17,240	11,810	24,430	490	54			21,180	3'-6 1/2"	12'-7 1/2"
	VC1-C445	6,542	316	40	69,020			19,240	13,810	26,630	590	64			23,380	4'-3 3/4"	13'-4 3/4"
	VC1-C469	6,894	333	50	74,340			19,280	13,810	26,670	590	64			23,420	4'-3 3/4"	13'-4 3/4"

NOTES:

- Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
- R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
- Fan horsepower is at 0" external static pressure.
- Unless noted with ⊙, the coil section is the heaviest section.
- Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
- The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
- Drain size is based on a bottom connection.
- Coil inlet and outlet connections are 4" beveled for welding.
- For VC1-386 through VC1-1608, the riser pipe diameter is 6". For VC1-C216 through VC1-C489, the riser pipe diameter is 4".

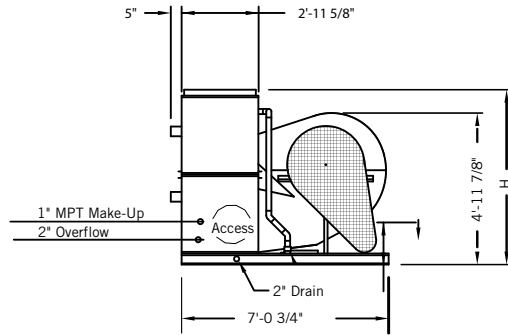
Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

VCL Engineering Data

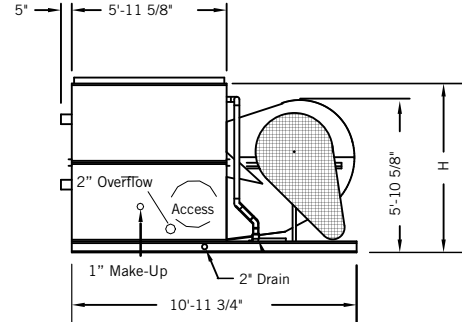


*2'-5 5/16" On VCL-016 - VCL-035
2'-5 3/16" On All Other Models

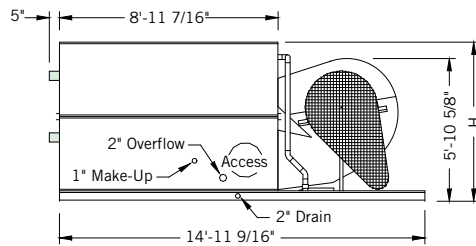
Face A:
VCL 4' x 3', 4' x 6', 4' x 9' and 4' x 12' Units



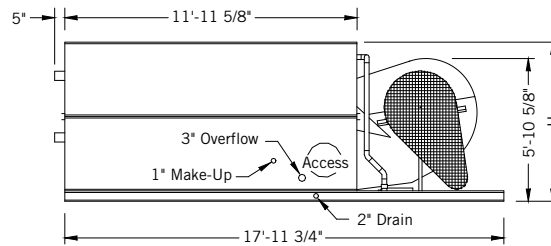
Face D:
VCL 4' x 3' Units



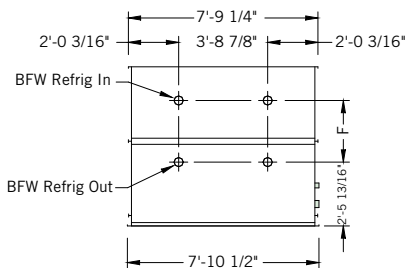
Face D:
VCL 4' x 6' Units



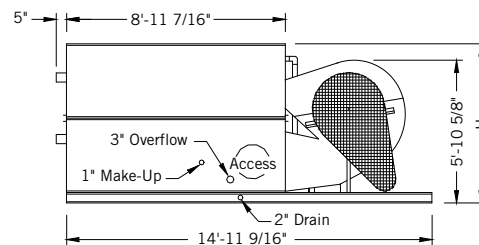
Face D:
VCL 4' x 9' Units



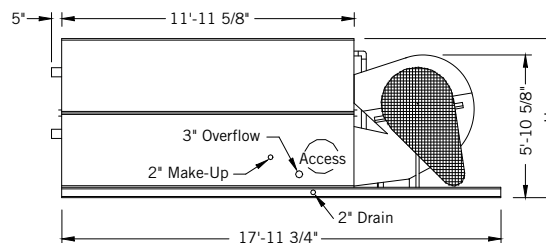
Face D:
VCL 4' x 12' Units



Face D:
VCL 8' x 9' and 8' x 12' Units



Face D:
VCL 8' x 9' Units



Face D:
VCL 8' x 12' Units



Nom. Box Size	Model Number ^[1]	Base Heat Rejection (MBH)	R-717 Tons ^[2]	Fan Motor (HP) ^[3]	Airflow Rate (CFM)	Pump Motor (HP)	Spray Flow Rate (GPM)	Approximate Weight (lbs)		R-717 Operating Charge ^[5] (lbs)	Internal Coil Volume (ft ³)	Remote Sump			F	H
								Ship Weight	Oper. Weight ^[4]			Drain Size ^[6] (in)	Volume Req. (gal)	Approx. Oper. Weight (lbs)		
4' x 3'	VCL-016	235	11	1	7,040	0.3	45	1,660	2,210	23	2.5	3	40	1,860	1'-2 1/4"	5'-2 1/4"
	VCL-019	279	13	2	8,310			1,690	2,240	23	2.5			1,890	1'-2 1/4"	5'-5"
	VCL-024	353	17	2	8,010			1,900	2,470	34	3.3			2,120	1'-10 3/4"	6'-3 3/4"
	VCL-029	426	21	2	7,660			2,120	2,700	44	4.3			2,350	2'-7 1/4"	6'-10"
	VCL-035	515	25	3	8,140			2,360	2,960	52	5.2			2,610	3'-3 3/4"	7'-6 1/2"
4' x 6'	VCL-038	559	27	3	12,800	0.5	94	2,400	3,530	44	4.4	4	95	2,980	1'-1 1/4"	5'-2 1/4"
	VCL-044	647	31	2	12,620			2,760	3,940	62	6.3			3,390	1'-9 3/4"	6'-1"
	VCL-048	706	34	3	14,250			2,790	3,970	62	6.3			3,420	3'-6 1/4"	6'-1"
	VCL-054	794	38	5	16,150			2,810	3,990	62	6.3			3,440	1'-9 3/4"	6'-3 3/4"
	VCL-058	853	41	3	13,570			3,180	4,370	83	8.2			3,820	2'-6 1/4"	6'-7 1/4"
	VCL-065	956	46	5	15,600			3,200	4,390	83	8.2			3,840	2'-6 1/4"	6'-7 1/4"
	VCL-073	1,073	52	5	15,150			3,610	4,820	101	10			4,270	3'-2 3/4"	7'-3 3/4"
	VCL-079	1,161	56	7.5	16,690			3,680	4,890	101	10			4,340	3'-2 3/4"	7'-6 1/2"
4' x 9'	VCL-087	1,279	62	5	19,280	1	142	4,380	6,130	122	12	4	200	5,840	2'-7 1/4"	6'-10 1/4"
	VCL-096	1,411	68	7.5	21,570			4,410	6,160	122	12			5,870	2'-7 1/4"	6'-10 1/4"
	VCL-102	1,499	72	10	23,730			4,440	6,190	122	12			5,900	2'-7 1/4"	6'-10 1/4"
	VCL-108	1,588	77	7.5	21,200			4,990	6,770	159	15			6,480	3'-6 1/4"	7'-8 9/16"
	VCL-115	1,691	82	10	22,970			5,020	6,800	159	15			6,510	3'-6 1/4"	7'-8 9/16"
	VCL-120	1,764	85	10	22,210			5,620	7,440	182	18			7,150	4'-3 3/4"	8'-4 3/4"
4' x 12'	VCL-134	1,970	95	10	25,130	1.5	192	6,160	8,590	203	20	6	250	7,990	3'-6 1/4"	7'-8 9/16"
	VCL-148	2,176	105	15	28,400			6,220	8,650	203	20			8,050	3'-6 1/4"	7'-8 9/16"
	VCL-155	2,279	110	15	28,000			6,950	9,450	242	24			8,850	4'-3 3/4"	8'-4 3/4"
8' x 9'	VCL-167	2,455	118	10	36,870	1.5	284	8,030	11,570	244	24	6	385	10,850	2'-7 1/4"	6'-10 1/4"
	VCL-185	2,720	131	15	41,560			8,090	11,630	244	24			10,910	2'-7 1/4"	6'-10 1/4"
	VCL-209	3,072	148	15	40,780			9,270	12,870	317	30			12,150	3'-6 1/4"	7'-8 9/16"
	VCL-223	3,278	158	20	44,290			9,280	12,880	317	30			12,160	3'-6 1/4"	7'-8 9/16"
	VCL-234	3,440	166	20	43,480			10,460	14,140	364	35			13,420	4'-3 3/4"	8'-4 3/4"
8' x 12'	VCL-257	3,778	182	20	47,860	2	384	11,080	16,000	406	40	8	405	14,260	3'-6 1/4"	7'-8 9/16"
	VCL-271	3,984	192	20	47,370			12,480	17,540	484	47			15,800	4'-3 3/4"	8'-4 3/4"
	VCL-286	4,204	203	25	50,670			12,520	17,580	484	47			15,840	4'-3 3/4"	8'-4 3/4"
	VCL-299	4,395	212	30	53,520			12,560	17,620	484	47			15,880	4'-3 3/4"	8'-4 3/4"

NOTES:

- Model number denotes nominal tons using R-22 at a 105°F condensing temperature, a 40°F suction temperature, and a 78°F entering wet-bulb temperature.
- R-717 tons are at a 96.3°F condensing temperature, a 20°F suction temperature, and a 78°F entering wet-bulb temperature.
- Fan horsepower is at 0" external static pressure.
- Operating weight is for the unit with the water level at the overflow level and with the coil charged with R-717.
- The R-22 operating charge is 1.93 times the R-717 charge; R-134a is 1.98 times.
- Drain size is based on a bottom connection.
- Coil inlet and outlet connections are 4" beveled for welding.
- For VCL-016 through VCL-155, the riser pipe diameter is 3". For VCL-167 through VCL-299, the riser pipe diameter is 4".

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

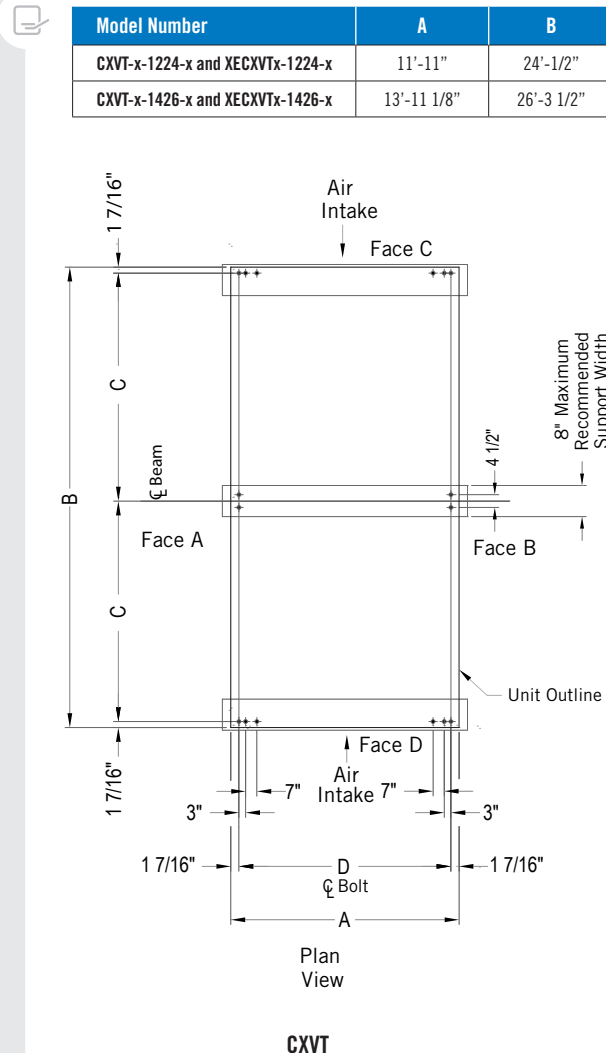
CXVT and CXVB Structural Support

The recommended support arrangement for CXVT and CXVB Evaporative Condensers consists of parallel structural members positioned per the tables below. In addition to providing adequate support, the members also serve to raise the unit above any solid foundation to ensure access to the bottom of the unit. To support CXVT on columns or in an alternate arrangement not shown here, consult your local BAC Representative.

CXVT SINGLE CELL STANDARD ONLY

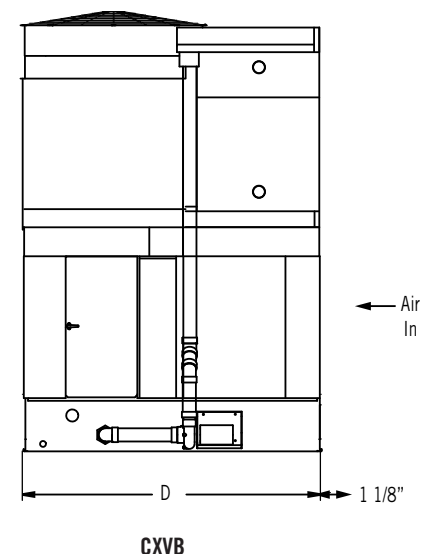
NOTES:

1. Support members and anchor bolts shall be designed, furnished, and installed by others.
2. Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
3. Support members shall be level at the top.
4. Refer to the certified unit support drawing for loading and additional support requirements.
5. If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.
6. CXVB 8.5' and 12' models can be cantilevered up to 2' on the side opposite the air inlet.



CXVB

Model Number	D
CXVB-x-0806	8'-3 1/2"
CXVB-x-0809	8'-3 1/2"
CXVB-x-0812	8'-3 1/2"
CXVB-x-0818	8'-3 1/2"
CXVB-x-1212	11'-7 3/4"
CXVB-x-1218	11'-7 3/4"
CXVB-x-1224	11'-7 3/4"
CXVB-x-1236	11'-7 3/4"



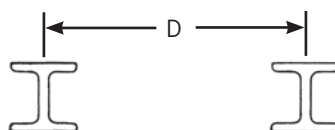
Series V Models Structural Support



The recommended support arrangement for VCA, VC1, and VCL Evaporative Condensers consists of parallel structural members running the full length of the unit. In addition to providing adequate support, the members also serve to raise the unit above any solid foundation which might restrict air movement or prevent access to the unit. Refer to the BAC unit certified print for bolt hole location.

Center line distances between bolt holes are tabulated in the table below.

Model Number	D
VCA-122A thru 191A	4'-11 1/2"
VCA-174A thru 259A	6'-4 1/4"
VCA-261A thru 322A	7'-8"
VCA-323A thru 446A	7'-8"
VCA-300A thru 512A	9'-7 1/2"
VCA-460A thru 1558A	9'-7 1/2"
VCA-S700A thru S884A	9'-7 1/2"
VCA-302A thru 661A	11'-7 1/4"
VCA-526A thru 2019A	11'-7 1/4"
VCA-S870A thru S1204A	11'-7 1/4"
VC1-10 thru 25	3'-9 3/8"
VC1-30 thru 65	3'-9 3/8"
VC1-72 thru 90	3'-9 3/8"
VC1-100 thru 135	3'-9 3/8"
VC1-150 thru 205	4'-6 1/4"
VC1-N208 thru N315	7'-7 5/8"
VC1-N338 thru N470	7'-7 5/8"
VC1-386 thru 516	11'-7 1/4"
VC1-540 thru 804	11'-7 1/4"
VC1-772 thru 1032	11'-7 1/4"
VC1-1158 thru 1608	11'-7 1/4"
VC1-C216 thru C320	7'-1 5/8"
VC1-C339 thru C469	7'-1 5/8"
VCL-016 thru 035	3'-11"
VCL-038 thru 079	3'-11"
VCL-087 thru 120	3'-11"
VCL-134 thru 155	3'-11"
VCL-167 thru 234	7'-8 1/4"
VCL-257 thru 299	7'-8 1/4"



NOTES:

1. Support members and anchor bolts shall be designed, furnished, and installed by others.
2. Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
3. Support members shall be level at the top.
4. Refer to the certified unit support drawing for loading and additional support requirements.
5. Models VC1-386 through VC1-1608 can be supported with structural members on nominal 10' wide centers. In this case, the fan section will overhang the supports approximately 2'. Contact your local BAC Representative for exact dimensions.
6. The length of the support members shall be at least equal to the length of the basin. Refer to Engineering Data for basin dimensions.
7. If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.

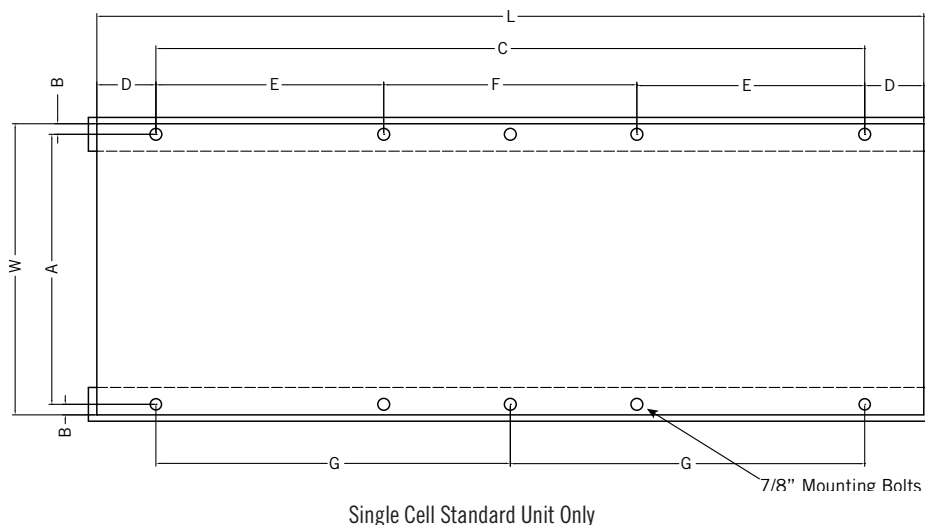
PCC Structural Support

The recommended support arrangement for the PCC Evaporative Condenser consists of parallel structural members positioned as shown on the drawing below. In addition to providing adequate support, the members also serve to raise the unit above any solid foundation to ensure access to the bottom of the unit. The PCC Evaporative Condenser may also be supported on columns at the anchor bolt locations shown.

To support a PCC Evaporative Condenser on columns with an alternate support arrangement, or the optional structurally upgraded unit, consult your local BAC Representative.

NOTES:

1. Contact your local BAC Representative for multi-cell or structurally upgraded unit support.
2. Support members and anchor bolts shall be designed, furnished, and installed by others.
3. Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
4. Support members shall be level at the top.
5. Refer to the certified unit support drawing for loading and additional support requirements.
6. The length of the support members shall be at least equal to the length of the basin. Refer to engineering data for basin dimensions. Support data are tabulated in the table to the right.
7. If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.



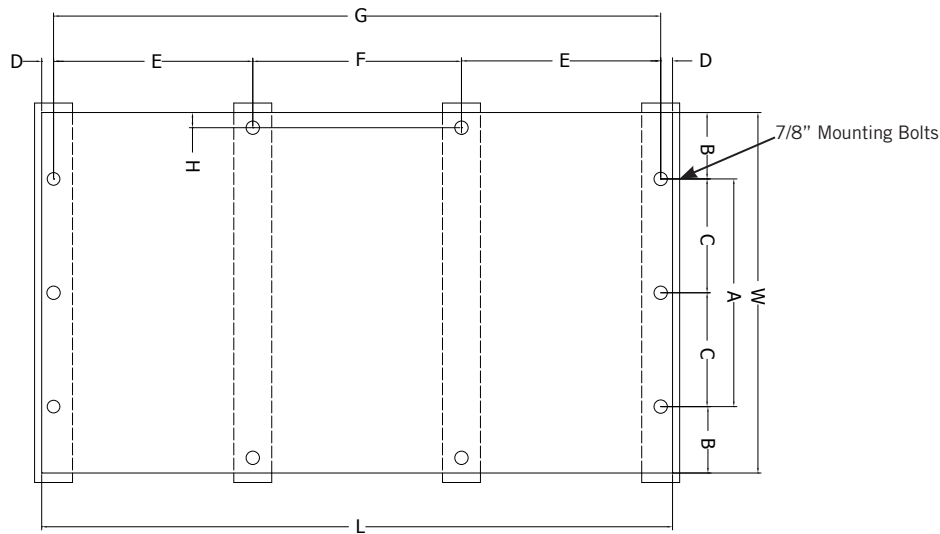
SINGLE CELL STANDARD UNIT ONLY

Model Number	L	W	A	B	C	D	E	F	G	Anchor Bolt Qty.
PCC-x-0406x	5'-11 3/4"	4'	3'-9 3/4"	1 1/8"	2'-5 1/4"	9 1/4"	—	—	—	4
PCC-x-0412x	11'-11 3/4"	4'	3'-9 3/4"	1 1/8"	10'-5 1/4"	9 1/4"	—	—	—	4
PCC-x-0709x	8'-11 3/4"	7'-3 1/4"	7'-1"	1 1/8"	8'-3 3/4"	4"	—	—	4'-1 7/8"	6
PCC-x-0718x	17'-11 3/4"	7'-3 1/4"	7'-1"	1 1/8"	17'-3 3/4"	4"	5'-8 3/32"	5'-11 1/2"	—	8
PCC-x-1212x	11'-11 3/4"	11'-10"	11'-7 3/4"	1 1/8"	11'-3 3/4"	4"	—	—	5'-7 7/8"	6
PCC-x-1218x	17'-11 3/4"	11'-10"	11'-7 3/4"	1 1/8"	17'-3 3/4"	4"	5'-8 3/32"	5'-11 1/2"	—	8
PCC-x-1220x	19'-11 3/4"	11'-10"	11'-7 3/4"	1 1/8"	19'-2 3/4"	6 1/2"	6'-7 3/8"	5'-11 1/2"	—	8

PCC Alternative Structural Support



For replacement installations, the PCC Evaporative Condenser has been designed to match the supports of many existing evaporative condensers without modifications. Shown below is the most common support arrangement which can be accommodated by the PCC. If individual point support is required, or if the existing support arrangement is not shown as below, consult your local BAC Representative for assistance.



Single Cell Standard Unit – Alternative Structural Support



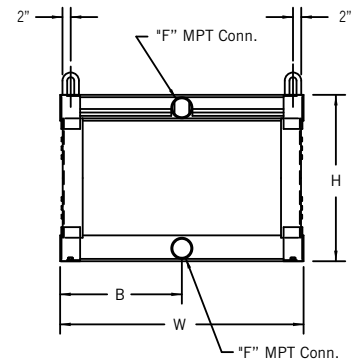
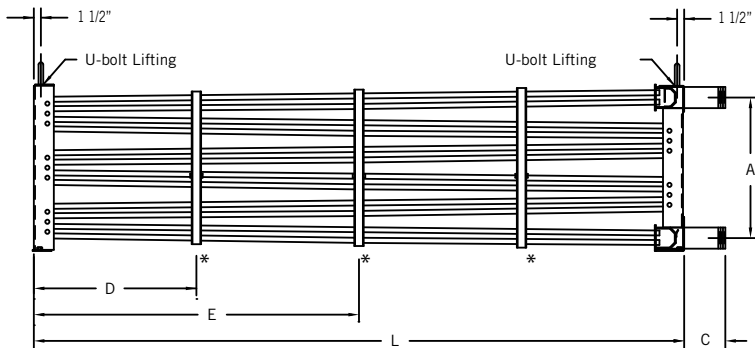
NOTES:

1. Contact your local BAC Representative for multi-cell or structurally upgraded unit support.
2. Support members and anchor bolts shall be designed, furnished, and installed by others.
3. Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
4. Support members shall be level at the top.
5. Refer to the certified unit support drawing for loading and additional support requirements.
6. The length of the support members shall be at least equal to the length of the basin. Refer to engineering data for basin dimensions. Support data are tabulated in the table to the left.
7. If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.

SINGLE CELL STANDARD UNIT – ALTERNATIVE STRUCTURAL SUPPORT

Model Number	L	W	A	B	C	D	E	F	G	H	Anchor Bolt Qty.
PCC-x-0406x	5'-11 3/4"	4'-0"	3'-4"	4"	3'-9 1/2"	1 1/8"	—	—	—	—	4
PCC-x-0412x	11'-11 3/4"	4'-0"	3'-4"	4"	11'-9 1/2"	1 1/8"	—	—	—	—	4
PCC-x-0709x	8'-11 3/4"	7'-3 1/4"	6'-7 1/4"	4"	—	1 1/8"	—	—	—	—	4
PCC-x-0718x	17'-11 3/4"	7'-3 1/4"	6'-7 1/4"	4"	—	1 1/8"	5'-11"	5'-11 1/2"	17'-9 1/2"	1 1/8"	8
PCC-x-1212x	11'-11 3/4"	11'-10"	11'-2"	4"	5'-7"	1 1/8"	—	—	—	—	6
PCC-x-1218x	17'-11 3/4"	11'-10"	11'-2"	4"	5'-7"	1 1/8"	5'-11"	5'-11 1/2"	17'-9 1/2"	1 1/8"	10
PCC-x-1220x	19'-11 3/4"	11'-10"	11'-2"	4"	5'-7"	1 1/8"	6'-11"	5'-11 1/2"	19'-9 1/2"	1 1/8"	10

Hydrocooling Coils



Model Number	Surface Area (ft ²)	Linear Feet	Shipping Weight (lbs)	A	B	C	D	E	F	H	L	W
HCC-091	145	527	614	2'-1 1/4"	1'-5"	8 3/4"	—	—	3"	2'-5 3/4"	2'-9"	2'-11 3/4"
HCC-092	197	716	777	2'-10 3/4"						3'-3 1/4"		
HCC-093	248	902	889	3'-8 1/4"						4'-3/4"		
HCC-181	309	1,124	992	2'-0 1/4"	1'-5"	8 3/4"	—	—	4"	2'-5 3/4"	5'-9"	2'-11 3/4"
HCC-182	414	1,505	1,302	2'-9 3/4"						3'-3 1/4"		
HCC-183	520	1,891	1,597	3'-7 1/4"						4'-0 3/4"		
HCC-271	470	1,709	1,490	2'-6"	1'-5"	8 3/4"	—	4'-4 1/2"	4"	2'-11 1/2"	8'-9"	2'-11 3/4"
HCC-272	630	2,291	1,877	3'-5 1/4"						3'-10 3/4"		
HCC-273	789	2,869	2,383	4'-4 1/2"						4'-10"		
HCC-361	634	2,305	1,851	2'-6"	1'-5"	8 3/4"	—	5'-10 1/2"	4"	2'-11 1/2"	11'-9"	2'-11 3/4"
HCC-362	847	3,080	2,476	3'-5 1/4"						3'-10 3/4"		
HCC-363	1,060	3,855	3,040	4'-4 1/2"						4'-10"		
HCC-501	923	3,356	2,770	2'-6"	2'-0 3/4"	8 3/4"	—	5'-10 1/2"	4"	2'-11 1/2"	11'-9"	4'-3 1/2"
HCC-502	1,230	4,473	3,603	3'-5 1/4"						3'-10 3/4"		
HCC-503	1,540	5,600	4,467	4'-4 1/2"						4'-10"		
HCC-751	683	2,482	2,221	2'-6"	2'-0 3/4"	8 3/4"	—	4'-4 1/2"	4"	2'-11 1/2"	8'-9"	4'-3 1/2"
HCC-752	915	3,328	2,833	3'-5 1/4"						3'-10 3/4"		
HCC-753	1,145	4,164	3,454	4'-4 1/2"						4'-10"		
HCC-1501	1,400	5,091	4,432	2'-6"	2'-0 3/4"	8 3/4"	4'-5 1/2"	8'-10 3/4"	4"	2'-11 1/2"	17'-9 1/2"	4'-3 1/2"
HCC-1502	1,875	6,818	5,511	3'-5 1/4"						3'-10 3/4"		
HCC-1503	2,345	8,527	6,769	4'-4 1/2"						4'-10"		

NOTE:

* Models HCC-271 through 1503, HCC-441 through 664, HCC-731 through 844, and HCC-431XV through HCC-664XV are supported at intermediate frames.

Do not use for construction. Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase.

Model Number	Surface Area (ft ²)	Linear Feet	Shipping Weight (lbs)	A	B	C	D	E	F	H	L	W
HCC-710	77	280	500	1'-2 1/4"	1'-5 7/8"	8 3/4"	—	—	3"	1'-6 3/4"	2'-9"	2'-11 3/4"
HCC-711	119	433	614	1'-10 3/4"						2'-3 1/4"		
HCC-712	161	585	777	2'-7 1/4"						2'-11 3/4"		
HCC-713	203	738	899	3'-3 3/4"						3'-8 1/4"		
HCC-720	167	607	810	1'-1 1/4"	1'-5 7/8"	8 3/4"	—	—	4"	1'-6 3/4"	5'-9"	2'-11 3/4"
HCC-721	253	920	992	1'-9 3/4"						2'-3 1/4"		
HCC-722	339	1,233	1,302	2'-6 1/4"						2'-11 3/4"		
HCC-723	425	1,545	1,697	3'-2 3/4"						3'-8 1/4"		
HCC-731	385	1,400	1,490	2'-0"	1'-5 7/8"	8 3/4"	—	4'-4 7/16"	4"	2'-5 1/2"	8'-8 7/8"	2'-11 3/4"
HCC-732	515	1,873	1,877	2'-9 1/4"						3'-2 3/4"		
HCC-733	646	2,349	2,383	3'-6 1/2"						4'-0"		
HCC-741	521	1,894	1,960	2'-0"						2'-5 1/2"		
HCC-742	693	2,520	2,476	2'-9 1/4"	1'-5 7/8"	8 3/4"	—	5'-10 1/2"	4"	3'-2 3/4"	11'-9"	2'-11 3/4"
HCC-743	867	3,153	3,040	3'-6 1/2"						4'-0"		
HCC-841	750	2,727	2,770	2'-0"						2'-5 1/2"		
HCC-842	999	3,633	3,603	2'-9 1/4"						3'-2 3/4"		
HCC-843	1,251	4,549	4,467	3'-6 1/2"	2'-1 1/2"	8 3/4"	—	5'-10 1/2"	4"	4'-0"	11'-9"	4'-3"
HCC-844	1,499	5,451	5,730	4'-3 3/4"						4'-9 1/4"		
HCC-441	651	2,367	2,075	2'-0"						2'-5 1/2"		
HCC-442	871	3,167	2,624	2'-9 1/4"	1'-10"	8 3/4"	—	5'-10 1/2"	4"	3'-2 3/4"	11'-9"	3'-8"
HCC-443	1,092	3,971	3,255	3'-6 1/2"						4'-0"		
HCC-444	1,312	4,771	3,886	4'-3 3/4"						4'-9 1/4"		
HCC-461	989	3,596	3,090	2'-0"						2'-5 1/2"		
HCC-462	1,323	4,811	3,910	2'-9 1/4"	1'-10"	8 3/4"	5'-10 15/16"	—	4"	3'-2 3/4"	17'-9 3/8"	3'-8"
HCC-463	1,655	6,018	4,901	3'-6 1/2"						4'-0"		
HCC-464	1,989	7,232	5,892	4'-3 3/4"						4'-9 1/4"		
HCC-641	996	3,622	3,110	2'-0"						2'-5 1/2"		
HCC-642	1,333	4,847	3,935	2'-9 1/4"	2'-9 5/8"	8 3/4"	—	5'-10 1/2"	4"	3'-2 3/4"	11'-9"	5'-7 1/4"
HCC-643	1,670	6,073	4,889	3'-6 1/2"						4'-0"		
HCC-644	2,006	7,294	5,843	4'-3 3/4"						4'-9 1/4"		
HCC-661	1,513	5,502	5,430	2'-0"						2'-5 1/2"		
HCC-662	2,024	7,360	6,868	2'-9 1/4"	2'-9 5/8"	8 3/4"	5'-10 15/16"	—	4"	3'-2 3/4"	17'-9 3/8"	5'-7 1/4"
HCC-663	2,533	9,211	7,313	3'-6 1/2"						4'-0"		
HCC-664	3,042	11,061	8,764	4'-3 3/4"						4'-9 1/4"		

Model Number	Surface Area (ft ²)	Linear Feet	Shipping Weight (lbs)	A	B	C	D	E	F	H	L	W
HCC-421XV	318	1,160	1,015	2'-0"	1'-6 7/8"	8 3/4"	—	—	4"	2'-5 1/2"	5'-6 1/4"	3'-1 3/4"
HCC-422XV	423	1,546	1,325	2'-9 1/4"						3'-2 3/4"		
HCC-423XV	529	1,932	1,655	3'-6 1/2"						4'-0"		
HCC-424XV	635	2,319	1,975	4'-3 3/4"						4'-9 1/4"		
HCC-431XV	491	1,789	1,510	2'-0"	1'-6 7/8"	8 3/4"	—	4'-3 1/8"	4"	2'-5 1/2"	8'-6 1/4"	3'-1 3/4"
HCC-432XV	654	2,386	1,990	2'-9 1/4"						3'-2 3/4"		
HCC-433XV	818	2,982	2,470	3'-6 1/2"						4'-0"		
HCC-434XV	981	3,579	2,950	4'-3 3/4"						4'-9 1/4"		
HCC-441XV	664	2,419	2,010	2'-0"	1'-6 7/8"	8 3/4"	—	5'-9"	4"	2'-5 1/2"	11'-6 1/4"	3'-1 3/4"
HCC-442XV	885	3,226	2,650	2'-9 1/4"						3'-2 3/4"		
HCC-443XB	1,106	4,032	3,290	3'-6 1/2"						4'-0"		
HCC-444XV	1,328	4,839	3,930	4'-3 3/4"						4'-9 1/4"		
HCC-641XV	1,062	3,871	3,225	2'-0"	2'-5 11/16"	8 3/4"	—	5'-9"	4"	2'-5 1/2"	11'-6 1/4"	4'-11 3/8"
HCC-642XV	1,416	5,161	4,240	2'-9 1/4"						3'-2 3/4"		
HCC-643XB	1,770	6,452	5,275	3'-6 1/2"						4'-0"		
HCC-644XV	2,124	7,742	6,290	4'-3 3/4"						4'-9 1/4"		
HCC-661XV	1,616	5,887	4,795	2'-0"	2'-5 11/16"	8 3/4"	5'-10"	11'-8"	4"	2'-5 1/2"	17'-6 1/4"	4'-11 3/8"
HCC-662XV	2,155	7,849	6,320	2'-9 1/4"						3'-2 3/4"		
HCC-663XV	2,694	9,812	7,880	3'-6 1/2"						4'-0"		
HCC-664XV	3,233	11,774	9,440	4'-3 3/4"						4'-9 1/4"		

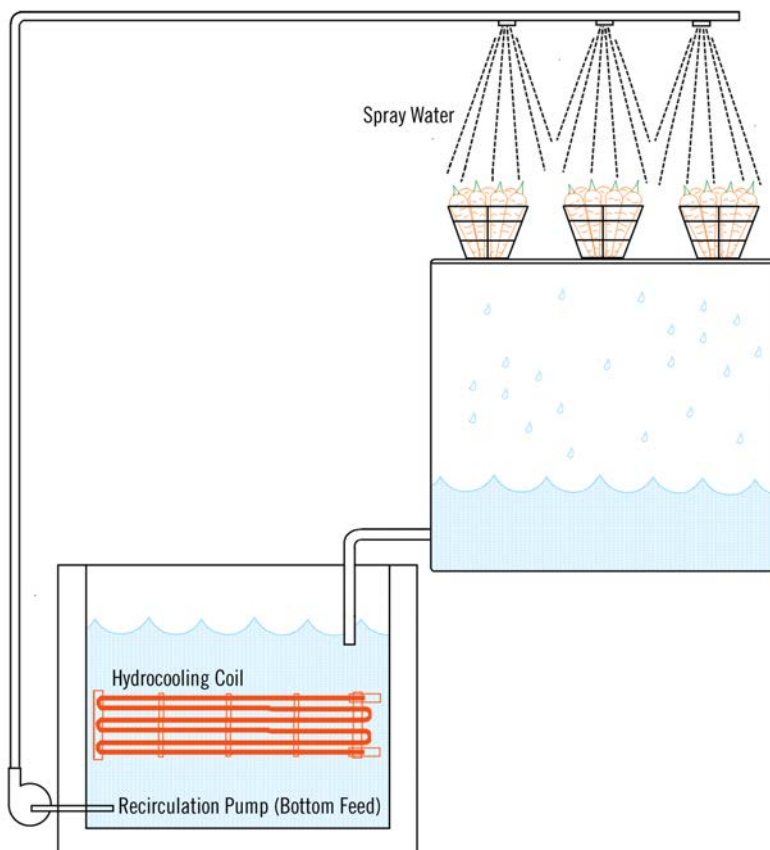


PRODUCT SPOTLIGHT:

Hydrocooling Coils



Baltimore Aircoil's Hydrocooling Coils (HCCs) are refrigerant coils used to chill water typically used as part of a system in which chilled water absorbs heat from recently harvested produce (see figure below). In this application, near freezing water is sprayed over the produce immediately after harvest in order to maintain flavor and help prevent premature spoilage. The process water is circulated over the HCC and is cooled to a temperature of approximately 33°F (0.56°C). The chilled water is then pumped and sprayed over the produce and eventually returns to the sump where heat in the water is absorbed by the refrigerant in the coil.



BAC's HCCs coils provide superior operational and cleaning advantages. Dirt and other debris that is washed from the product can easily be removed as a result of the widely spaced tubes. Also, the coils can operate close to freezing temperatures since small amounts of ice will not damage the coil. However, caution should be taken to not allow a significant accumulation of ice to form so that it does not degrade thermal performance.

HCCs are all prime surface continuous steel tubing, with no intermediate butt welds, and the maximum allowable working pressure is 300 psig (2,068 kPa). The coil is encased in a steel framework and the entire assembly is hot-dip galvanized after fabrication. The coil is designed for low pressure drop and for free drainage of the liquid refrigerant. The basis of design for the hydrocooling coil is a bottom refrigerant feed system. For applications other than bottom feed systems, please contact your local BAC representative.