

CA SERIES CHILLER MODULES

15 HP TO 80 HP PACKAGED AIR COOLED WITH HORIZON CIRCUITRY

SINGLE COMPRESSOR SYSTEMS

DESCRIPTION	MODEL	COMPRESSOR	BTU/HR*	GLYCOL PUMP	CONDENSER FANS	DIMENSIONS L X W X H (INCHES)
15 HP AIR COOLED CHILLER SYSTEM	PCAH15F4H22-CL-MDL	CARLYLE	135,250	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
15 HP AIR COOLED CHILLER SYSTEM	PCAH15F4H22-CL-MDL	COPELAND	147,000	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
15 HP AIR COOLED CHILLER SYSTEM	PCAH15F4H22-CL-MDL	BITZER	137,000	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
20 HP AIR COOLED CHILLER SYSTEM	PCAH20F4H22-CL-MDL	CARLYLE	182,000	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
20 HP AIR COOLED CHILLER SYSTEM	PDAH20F4H22-CL-MDL	COPELAND	158,000	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
20 HP AIR COOLED CHILLER SYSTEM	PBAH20F4H22-CL-MDL	BITZER	158,000	2 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
25 HP AIR COOLED CHILLER SYSTEM	PCAH25F6H22-CL-MDL	CARLYLE	234,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
25 HP AIR COOLED CHILLER SYSTEM	PDAH25F6H22-CL-MDL	COPELAND	208,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
25 HP AIR COOLED CHILLER SYSTEM	PBAH25F6H22-CL-MDL	BITZER	204,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
30 HP AIR COOLED CHILLER SYSTEM	PCAH30F6H22-CL-MDL	CARLYLE	259,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
30 HP AIR COOLED CHILLER SYSTEM	PDAH30F6H22-CL-MDL	COPELAND	242,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
30 HP AIR COOLED CHILLER SYSTEM	PBAH30F6H22-CL-MDL	BITZER	233,000	3 HP	2 EA 1.5 HP	150.75 X 45.75 X 58.5
35 HP AIR COOLED CHILLER SYSTEM	PCAH35F9H22-CL-MDL	CARLYLE	339,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5
35 HP AIR COOLED CHILLER SYSTEM	PDAH35F9H22-CL-MDL	COPELAND	295,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5
35 HP AIR COOLED CHILLER SYSTEM	PBAH35F9H22-CL-MDL	BITZER	306,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PCAH40F9H22-CL-MDL	CARLYLE	344,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PDAH40F9H22-CL-MDL	COPELAND	358,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PBAH40F9H22-CL-MDL	BITZER	350,000	5 HP	3 EA 1.5 HP	198.75 X 45.75 X 58.5

DUAL COMPRESSOR SYSTEMS

DESCRIPTION	MODEL		BTU/HR*	GLYCOL PUMP	CONDENSER FANS	DIMENSIONS L X W X H (INCHES)
30 HP AIR COOLED CHILLER SYSTEM	PCAH2/15F8H22-CL-MDL	CARLYLE	270,500	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
30 HP AIR COOLED CHILLER SYSTEM	PDAH2/15F8H22-CL-MDL	COPELAND	294,000	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
30 HP AIR COOLED CHILLER SYSTEM	PBAH2/15F8H22-CL-MDL	BITZER	274,000	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PCAH2/20F8H22-CL-MDL	CARLYLE	364,000	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PDAH2/20F8H22-CL-MDL	COPELAND	316,000	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
40 HP AIR COOLED CHILLER SYSTEM	PBAH2/20F8H22-CL-MDL	BITZER	316,000	3 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
50 HP AIR COOLED CHILLER SYSTEM	PCAH2/25F12H22-CL-MDL	CARLYLE	468,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
50 HP AIR COOLED CHILLER SYSTEM	PDAH2/25F12H22-CL-MDL	COPELAND	416,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
50 HP AIR COOLED CHILLER SYSTEM	PBAH2/25F12H22-CL-MDL	BITZER	408,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
60 HP AIR COOLED CHILLER SYSTEM	PCAH2/30F12H22-CL-MDL	CARLYLE	518,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
60 HP AIR COOLED CHILLER SYSTEM	PDAH2/30F12H22-CL-MDL	COPELAND	484,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
60 HP AIR COOLED CHILLER SYSTEM	PBAH2/30F12H22-CL-MDL	BITZER	466,000	5 HP	4 EA 1.5 HP	150.75 X 90.75 X 58.5
70 HP AIR COOLED CHILLER SYSTEM	PCAH2/35F18H22-CL-MDL	CARLYLE	678,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5
70 HP AIR COOLED CHILLER SYSTEM	PDAH2/35F18H22-CL-MDL	COPELAND	590,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5
70 HP AIR COOLED CHILLER SYSTEM	PBAH2/35F18H22-CL-MDL	BITZER	612,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5
80 HP AIR COOLED CHILLER SYSTEM	PCAH2/40F18H22-CL-MDL	CARLYLE	688,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5
80 HP AIR COOLED CHILLER SYSTEM	PDAH2/40F18H22-CL-MDL	COPELAND	716,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5
80 HP AIR COOLED CHILLER SYSTEM	PBAH2/40F18H22-CL-MDL	BITZER	700,000	2 EA 3 HP	6 EA 1.5 HP	198.75 X 90.75 X 58.5

* Capacity based on 25 F Evap Temp / 110 F Cond. Temp / 10 F Subcooling

CA SERIES SYSTEMS ARE SUPPLIED STANDARD WITH:

GALVANIZED SERVICE PANELS
 CONDENSER FAN MOTOR CONTACTORS AND PRESSURE SWITCHES (1 PER FAN)
 HORIZON CIRCUITED CONDENSER
 LIQUID LINE SOLENOID VALVE, SIGHTGLASS, AND FILTER DRIER
 SPIRAL DRUM EVAPORATOR WITH TXVS
 LOW PRESSURE FREEZE CONTROLS
 ETL (UL 508) CONTROL PANEL WITH
 ALL MOTOR STARTERS
 COMPRESSOR CIRCUIT BREAKER
 CONTROL TRANSFORMER
 ELECTRONIC TEMP CONTROL WITH DISPLAY

