

PACKAGE WATER COOLED CHILLER UNIT

MODEL: PWC-CWB-H

CAPACITY: 2.1 to 4.9 Nominal Tons

24,730 to 59,200 BtuH

7.3 to 17.4 KW



Features/Benefits

Quality design and construction make the PWC-CWB (Water-Cooled) units the preferred choice. Easy installation. The PWC-CWB chiller has a compact design that fits through a standard door opening and requires minimal indoor space. The PWC-CWB chiller is delivered as a complete package for easy installation. There are no extra controls, clocks, starters, or other items to install.

The PWC-CWB unit also provides a single location electrical power entrance (using the accessory field-installed control power transformer) and quick, easy piping.

The PWC-CWB units are designed in a quick start-up is assured once installation is complete, since each PWC-CWB unit is manufactured at an ISO 9002-listed manufacturing facility to guarantee quality. In addition, all PWC-CWB units are tested under load at the factory to provide reliable start-up.

PHYSICAL DATA & ELECTRICAL DATA

MODEL: PWC-CWB-H		002	003	004	005	006
Nominal Cooling Capacity	BTUH	24,730	29,160	35,420	49,580	59,200
	Tons	2.06	2.43	2.95	4.13	4.93
	KWH	7.3	8.5	10.4	14.5	17.4
No. Of Circuits		1				
Compressor	Type	Rotary	Scroll			
	HP.	2-1/2	2-1/2	3	4-1/2	6
	Qty./Unit	1				
Water Cooled Condenser						
Water Flowrate	(GPM)	6.4	7.8	9.6	12.5	17
Entering / Leaving Water Temp.	° F	90 / 100				
	° C	32 / 38				
Water Pressure Drop	(Ft. WG)	8	8.5	9.3	10.8	19
No. of Water Passes		4				
Water Connection In / Out	(mm) (in)	(25 / 25) (1 / 1)				
Qty./Unit		1				
Water Chiller						
No. of Circuits		1				
Chilled Water Flowrate	(GPM)	4.95	5.83	7.08	9.92	11.84
Chilled Water Temp. In/Out	° F	55 / 45				
	° C	13 / 7				
Chilled Water Pressure Drop	(Ft. WG)	1.82	1.20	1.61	2.77	3.94
Water Connection In/Out	(mm) (in)	(19) (3/4)			(25) (1)	
Qty. / Unit		1				
Refrigerant	Type	R-22 (R-407C On Request Only)				
	Charge	Holding				
Compressor (Each)	V / PH / Hz	220V / 1P / 50Hz			380V / 3P / 50 Hz	
	V / PH / Hz	208V / 1P / 60 Hz			440V / 3P / 60 Hz	
	RLA. (Amp)	8.8	16.4	19.3	7.2	8.9
	LRA. (Amp.)	47	82	82	48	65.5
Weight	Operation (Kgs.)	120	140	145	170	175

Note :

RLA = Rated Load Amp.

LRA = Locked Rotor Amp.

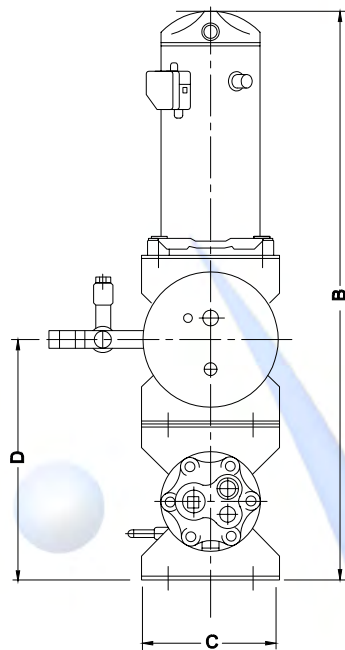
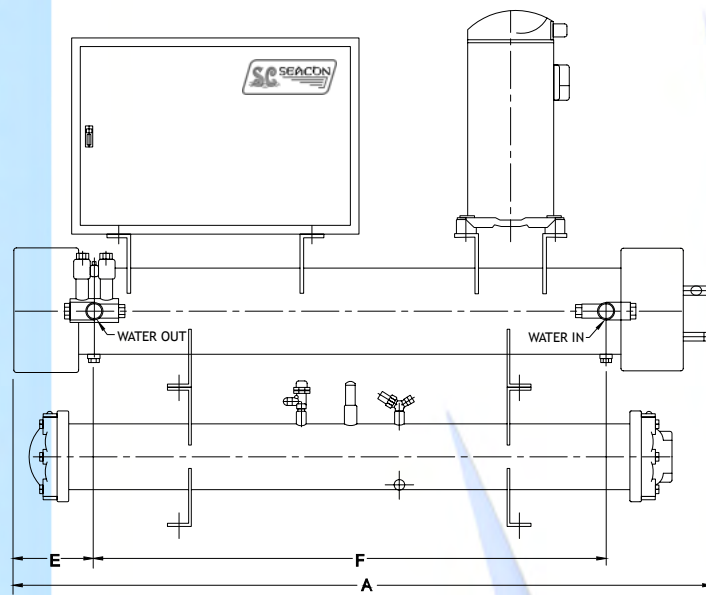
* Nominal Cooling Capacity Based on 3°C Suction Temp. and 35 °C Ambient Temp.

Fouling Factor 0.0005 Ft².h.F / Btu in Chiller

Temperature: 1 °C = 33.8 °F

1 °F = -17.2 °C

Air Flow: 1 CFM = 1.699011 CMH



PWC-CWB-H 002 TO 006

PNSA-CWB-H	A	B	C	D	E	F
	mm (inch)					
002	1326 (52)	892 (35)	229 (9)	399 (16)	167 (7)	764 (30)
003 - 004	1326 (52)	968 (38)	254 (10)	438 (17)	167 (7)	764 (30)
005 - 006	1631 (64)	1024 (40)	254 (10)	438 (17)	167 (7)	1069 (42)