

SYMBOLS

Operation



Cooling only



Heat Pump



Ice protection system



Thermostatic Expansion Valve

Condensation



Air cooled



Water cooled



Evap. Condenser

Installation



Indoor Inst.



Outdoor inst.



Roof Top

Refrigerant



Refrig. R-134a



Refrig. R-407C



Refrig. R-22



Refrig. Ammonia



Refrig. R-507A



Refrig. R-404A

Compressor



Twin-screw Semi



Herm. Scroll

Electronics



Electronic Expansion Valve



Adv. Magnum Cont.



PLC Cont.



Variable Freq. Drive



Remote Monitoring

Extra Optional Features



Direct Expansion Type



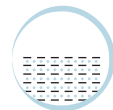
Cold Water



Hot Water



Coated Fins



Flooded Evap.



Elec. Liquid Level Ctrl.

NOMENCLATURE

Refrigerant

A



Refrig. R-134a



Refrig. R-507A



Refrig. R-404A

B



Refrig. R-407C

C



Refrig. R-22

D



Refrig. Ammonia

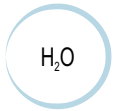
Condensation

AC



Air cooled

WC



Water cooled

Compressor

R



Twin-screw Semi

S



Herm. Scroll

Temperature

P



Plus

M



Minus

SERIES

AirCon

Application Type

Designed for comfort cooling / heating applications using screw compressor & scroll compressor technology

Temperature Range

+7.0 degree Celsius to +15.0 degree Celsius

Kuhler

Application Type

Designed for industrial process cooling applications using screw compressor & scroll compressor technology

Temperature Range

-15.0 degree Celsius to +20.0 degree Celsius

CST

Application Type

Designed for ultra low temperature process cooling applications using screw compressor technology with in-built motor

Temperature Range

-15.0 degree Celsius to -50.0 degree Celsius

Buffalo

Application Type

Designed for ultra low temperature process cooling / refrigeration & comfort cooling applications

Temperature Range

-50.0 degree Celsius to +10.0 degree Celsius

MRI Chillers

Application Type

Designed for medical equipment cooling applications

Temperature Range

+5.0 degree Celsius to +20.0 degree Celsius

technical data

Flamingo Chillers: AirCon B Series Water Cooled Screw Chillers

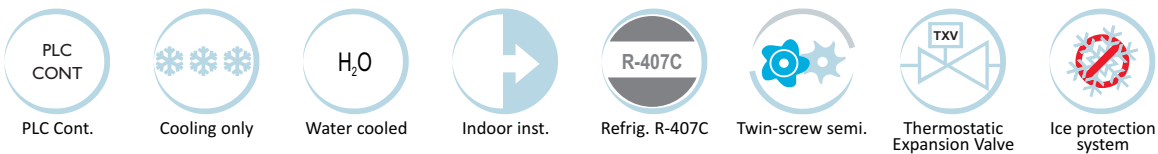
Technical Specifications: R-407C (CFC Free) Refrigerant @ Chilled Water temperature of Plus 7 degree C

Model Number	BWCRP7 01	BWCRP7 02	BWCRP7 03	BWCRP7 04	BWCRP7 05	BWCRP7 06	BWCRP7 07	BWCRP7 08	BWCRP7 09	BWCRP7 10	BWCRP7 11	BWCRP7 12	BWCRP7 13
	R-407C (CFC Free)												
Nominal Cooling Capacity (TR)	26.86	35.82	44.58	46.23	51.92	63.19	69.02	81.74	86.37	88.93	94.45	103.21	111.38
Nominal Cooling Capacity (KW)	94.40	125.90	156.70	162.50	182.50	222.10	242.60	287.30	303.60	312.60	332.00	362.80	391.50
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	36.60	48.10	58.60	59.50	67.20	81.30	89.20	99.30	104.40	109.10	115.90	126.70	138.80
Total Input (KW)	22.30	29.30	35.70	36.30	41.00	49.50	54.40	60.50	63.70	66.50	70.60	77.30	84.60
Sound Pressure Level (dB)	4.20	4.30	4.40	4.50	4.50	4.50	4.50	4.70	4.80	4.70	4.70	4.70	4.60
Power Supply (V/Ph/Hz)	1												
Nominal Cooling Capacity (TR)	400/3/50												

Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Water Temperature = Plus 7°C / Plus 12°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) AirCon Series = For Comfort Cooling/Heating Applications
- (3) All AirCon Series Models **BWCRP7 12 to BWCRP7 26** are equipped with Advanced Magnum Step – less capacity microprocessor controller & Electronic expansion valve.
- (4) For Dimensions & Weight contact Flamingo Chillers

Functions & Features



Optional Features



Flamingo Chillers: AirCon B Series Water Cooled Screw Chillers

technical data

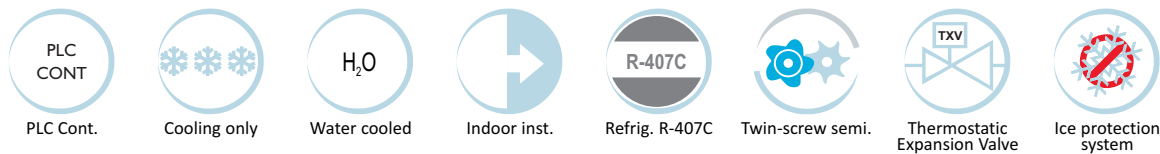
Technical Specifications: R-407C (CFC Free) Refrigerant @ Chilled Water temperature of Plus 7 degree C

Model Number	BWCRP7 14	BWCRP7 15	BWCRP7 16	BWCRP7 17	BWCRP7 18	BWCRP7 19	BWCRP7 20	BWCRP7 21	BWCRP7 22	BWCRP7 23	BWCRP7 24	BWCRP7 25	BWCRP7 26
Refrigerant	R-407C (CFC Free)												
Nominal Cooling Capacity (TR)	131.81	139.17	153.97	164.07	169.47	171.61	199.69	219.26	235.30	262.59	329.82	388.34	442.05
Nominal Cooling Capacity (KW)	463.30	489.20	541.20	576.70	595.70	603.20	701.90	770.70	827.10	923.00	1159.30	1365.00	1553.80
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	160.90	169.90	188.90	200.30	208.40	211.10	243.00	266.90	284.40	317.20	394.00	459.10	517.50
Total Input (KW)	98.10	103.60	115.20	122.10	127.10	128.70	148.10	162.70	173.40	193.40	240.20	279.90	315.50
Total COP/EER at 100%	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.80	4.80	4.80	4.90	4.90
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

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Functions & Features



Optional Features

