

SYMBOLS

Operation



Cooling only



Heat Pump



Ice protection system

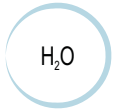


Thermostatic Expansion Valve

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



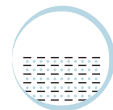
Cold Water



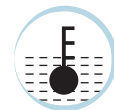
Hot Water



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

Flamingo Chillers: AirCon C Series Water Cooled Screw Chillers

technical data

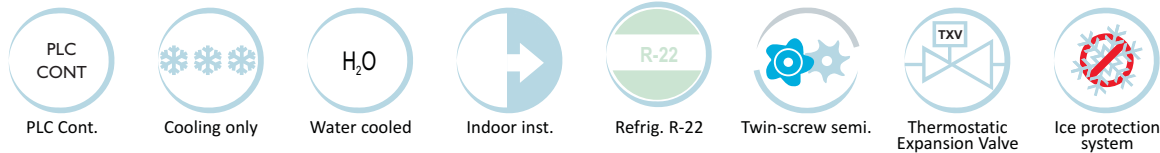
Technical Specifications: R-22 (Freon) Refrigerant @ Chilled Water temperature of Plus 7 degree C

Model Number	CWCRP7 01	CWCRP7 02	CWCRP7 03	CWCRP7 04	CWCRP7 05	CWCRP7 06	CWCRP7 07	CWCRP7 08	CWCRP7 09	CWCRP7 10	CWCRP7 11	CWCRP7 12	CWCRP7 13
Refrigerant	R-22 (Freon)												
Nominal Cooling Capacity (TR)	28.22	38.46	48.62	50.47	54.96	67.00	73.54	86.66	91.55	94.31	100.17	108.42	119.37
Nominal Cooling Capacity (KW)	99.20	135.20	170.90	177.40	193.20	235.50	258.50	304.60	321.80	331.50	352.10	381.10	419.60
Compressor Motor (HP)	31	41	52	55	58	67	75	89	91	94	101	108	121
Current (Amperes)	38.90	51.30	63.30	64.30	70.50	85.80	93.50	105.30	110.70	114.80	121.90	133.00	147.90
Total Input (KW)	23.70	31.30	38.60	39.20	43.00	52.30	57.00	64.20	67.50	70.00	74.30	81.10	90.20
Total COP/EER at 100%	4.20	4.30	4.40	4.50	4.50	4.50	4.50	4.70	4.80	4.70	4.70	4.70	4.70
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	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 **CWCRP7 12 to CWCRP7 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 C Series Water Cooled Screw Chillers

technical data

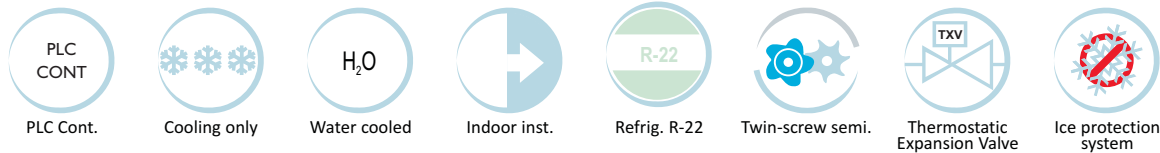
Technical Specifications: R-22 (Freon) Refrigerant @ Chilled Water temperature of Plus 7 degree C

Model Number	CWCR7 14	CWCRP7 15	CWCRP7 16	CWCRP7 17	CWCRP7 18	CWCRP7 19	CWCRP7 20	CWCRP7 21	CWCRP7 22	CWCRP7 23	CWC P7 24	CWCRP7 25	CWCRP7 26
Refrigerant	R-22 (Freon)												
Nominal Cooling Capacity (TR)	142.00	149.98	164.23	177.84	182.42	184.69	215.00	236.22	252.20	284.23	348.39	410.53	476.16
Nominal Cooling Capacity (KW)	499.30	527.20	577.30	625.10	641.20	649.20	756.00	830.30	886.50	999.10	1224.60	1443.00	1673.70
Compressor Motor (HP)	141	152	162	175	178	183	208	230	234	278	335	392	443
Current (Amperes)	171.70	181.30	196.50	211.50	215.60	218.20	251.50	278.90	296.20	333.10	400.30	466.70	538.70
Total Input (KW)	104.70	110.60	119.80	128.90	131.40	133.10	153.30	170.10	180.60	203.10	244.00	284.50	328.40
Total COP/EER at 100%	4.80	4.80	4.80	4.80	4.90	4.90	4.90	4.90	4.90	4.90	5.00	5.10	5.10
Number of refrigerant circuits	1												
Power Supply (V/Ph/Hz)	400/3/50												

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Functions & Features



Optional Features

