

# 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



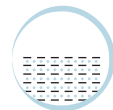
Cold Water



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

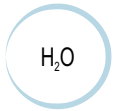
## Condensation

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 A Series Water Cooled Scroll Chillers

### technical data

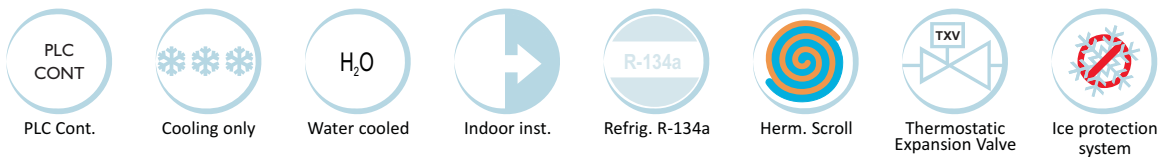
**Technical Specifications: R-134a (CFC Free) Refrigerant @ Chilled Water temperature of plus 7 degree C**

Model Number	AWCSP7 01	AWCSP7 02	AWCSP7 03	AWCSP7 04	AWCSP7 05	AWCSP7 06	AWCSP7 07	AWCSP7 08
Refrigerant	R-134a (CFC Free)							
Nominal Cooling Capacity (TR)	3.50 TR	5.00 TR	10.00 TR	15.00 TR	20.00 TR	25.00 TR	30.00 TR	35.00 TR
Nominal Cooling Capacity (KW)	13.15	19.53	19.53 X 2	26.36 X 2	38.81 X 2	48.40 X 2	N.A.	60.74 X 2
Current (Amperes)	7.55	11.55	11.55 X 2	13.14 X 2	20.17 X 2	25.65 X 2	N.A.	27.33 X 2
Total Input (KW)	3.07	4.52	4.52 X 2	5.97 X 2	9.57 X 2	11.82 x 2	N.A.	14.27 X 2
Total COP/EER at 100%	4.28	4.31	4.31	4.33	4.05	4.09	N.A.	4.25
Number of refrigerant circuits	1	2						
Power Supply (V/Ph/Hz)	400/3/50							

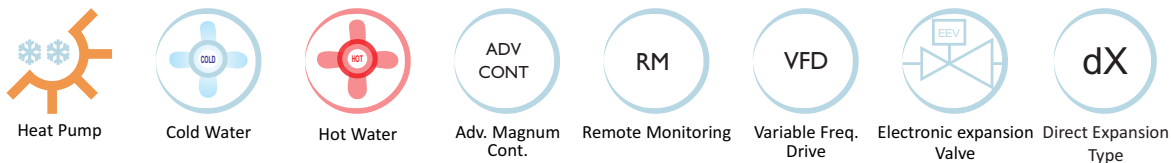
Data referred to the following conditions:

- (1) Internal exchanger (Evaporator) Water Temperature = Plus7°C / Plus12°C; External exchanger (Condenser) water Temperature = 40/35°C;
- (2) AirCon Series = For Comfort Cooling/Heating Applications
- (3) For Dimensions & Weight Contact Flamingo Chillers

### Functions & Features



### Optional Features



**AirCon Water Cooled Scroll  
A Series**