

# 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



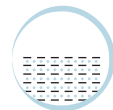
Cold Water



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 A Series Air Cooled Scroll Chillers

### Technical Specifications: R-134a (CFC Free) Refrigerant @ Chilled Water temperature of Plus 7 Degree C

Model Number	AACSP7 01	AACSP7 02	AACSP7 03	AACSP7 04	AACSP7 05	AACSP7 06
Refrigerant	R-134a (CFC Free)					
Nominal Cooling Capacity (TR)	5.00 TR	10.00 TR	15.00 TR	20.00 TR	25.00 TR	30.00 TR
Nominal Cooling Capacity (KW)	19.55	19.55 X 2	26.36 X 2	35.15 X 2	43.93 X 2	52.72 X 2
Current (Amperes)	15.70	15.70 X 2	18.49 X 2	23.54 X 2	30.04 X 2	32.95 X 2
Total Input (KW)	7.73	7.73 X 2	9.29 X 2	12.69 X 2	15.79 X 2	18.85 X 2
Total COP/EER at 100%	2.53	2.53 X 2	2.64	2.56	2.57	2.71
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 = Plus 7°C / Plus 12°C; External exchanger (Condenser) Ambient Temperature = 55°C;
- (2) AirCon Series = For Comfort Cooling/Heating application.
- (3) For dimension & weight contact Flamingo Chillers

## Functions & Features



## Optional Features



**AirCon Air Cooled Scroll  
A Series**