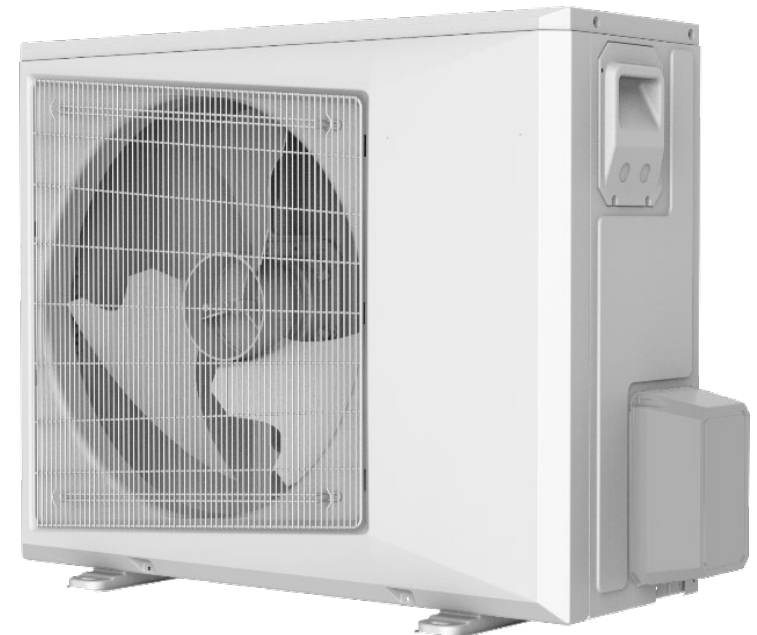




14 SEER SIDE DISCHARGE UNIT

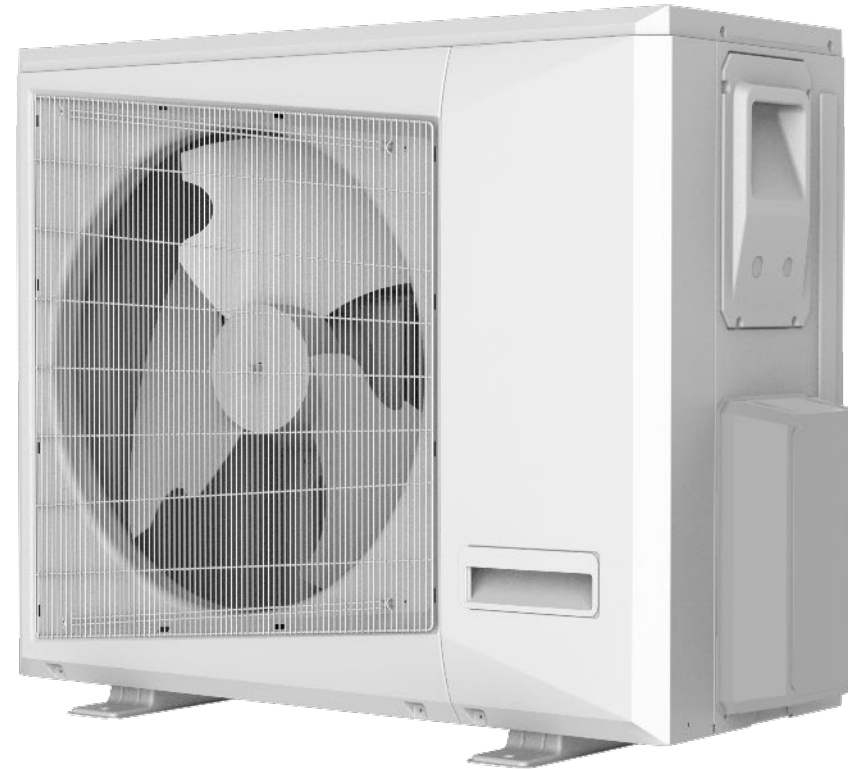


CONTENTS

1 Capacity Range

2 Basic parameter

3 Features



BASIC PARAMETER (COOLING ONLY)

Capacity	12K	18K	24K	30K	36K	48K
Model	CS4C-12S-1-14	CS4C-18S-1-14	CS4C-24S-1-14	CS4C-30S-1-14	CS4C-36S-1-14	CS4C-48S-1-14
Power Specification	115V/60Hz/1ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph
Cooling capacity(Btu/h)	11800	17500	23400	30000	34000	48000
SEER	14.5	14.5	14.5	14.5	14.5	14
Compressor type	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll
Net dimension(inch)	33-1/3×22×13-1/10	36-4/5×27-3/5×15	40-3/5×31-9/10×17-1/2	40-3/5×31-9/10×17-1/2	40-3/5×31-9/10×17-1/2	43-1/3×34-1/4×20-4/5

BASIC PARAMETER (HEAT PUMP)

Capacity	12K	18K	24K	30K	36K	48K
Model	CS4H-12S-1-14	CS4H-18S-1-14	CS4H-24S-1-14	CS4H-30S-1-14	CS4H-36S-1-14	CS4H-48S-1-14
Power Specification	115V/60Hz/1ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph	220V /60Hz/1Ph
Cooling capacity(Btu/h)	12000	17200	23000	28600	35000	47000
SEER	14.5	14.5	14.5	14.5	14.5	14
Heating capacity(Btu/h)	11600	17300	21500	26600	33500	48000
HSPF	8.2	8.2	8.2	8.2	8.2	8.2
Compressor type	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll
Net dimension(inch)	33-1/3×22×13-1/10	36-4/5×27-3/5×15	40-3/5×31-9/10×17-1/2	40-3/5×31-9/10×17-1/2	40-3/5×31-9/10×17-1/2	43-1/3×34-1/4×20-4/5

FEATURES

High Efficiency Fixed Compressor:

- ◆ 12K is using **GMCC** compressor
- ◆ 24-36K is using **HIGHLY** compressor
- ◆ 48K is using **LG** compressor

GMCC

HIGHLY

 **LG**



FEATURES

High Efficiency Fan Motor:

- ◆ 12K-30K outdoor units adopt AC motor
- ◆ 36K-48K outdoor units adopt DC motor
- ◆ Low noise and high efficiency
- ◆ Brushless with built-in sensor



FEATURES

Environment Friendly

- ◆ ETL Listed
- ◆ R410A(HFC), low carbon footprint, no harm to Ozone



Wide operation temperature range :

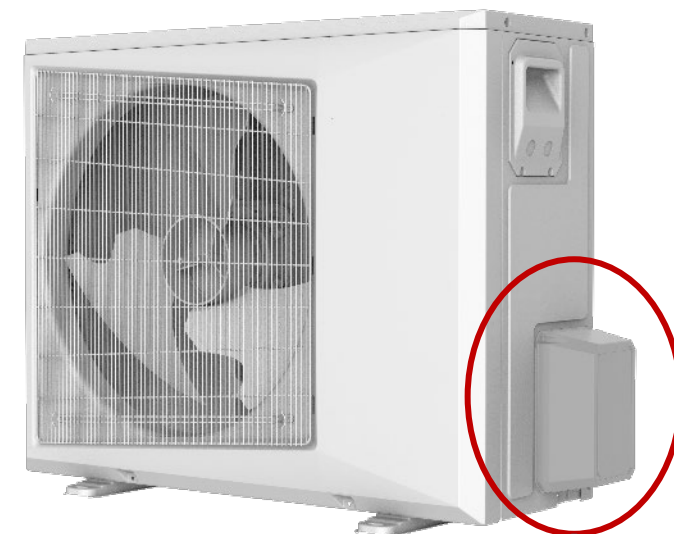
- ◆ Cooling range : 65°F-109°F
- ◆ Heating range : 39°F-75°F



FEATURES

Concealed stop valve design:

- ◆ The new Seer 14 condensing unit adopts completely new cabinet appearance design with high market recognition and stronger structure.
- ◆ The concealed stop valve design could protect the stop valve effectively from accidental operation by children.

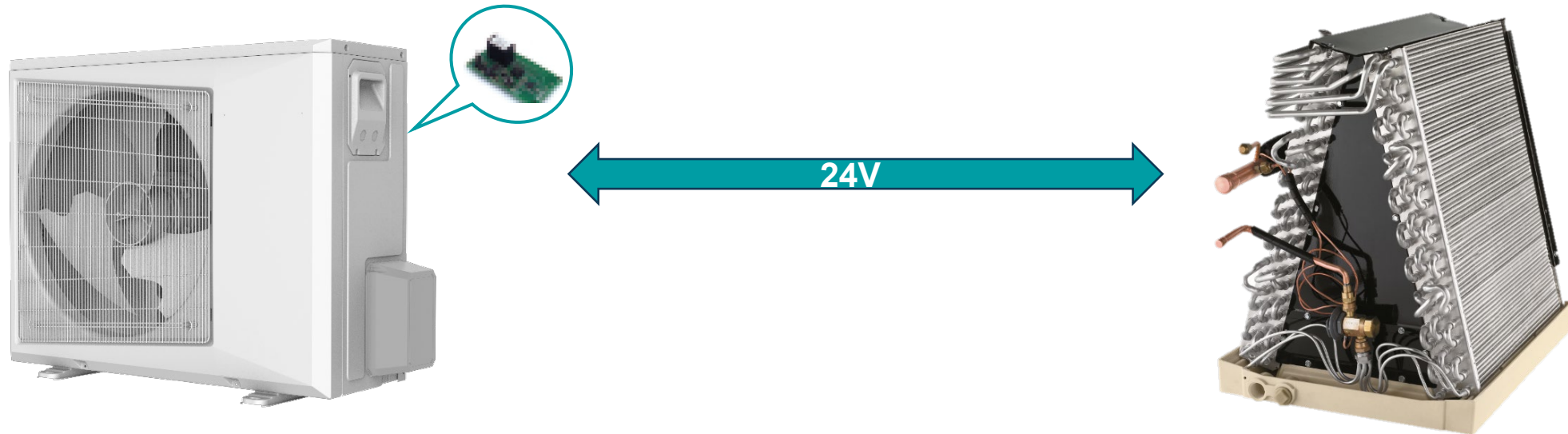


Concealed stop valve design

FEATURES

24V Communication Connection:

- ◆ 24V low voltage communication connection is much safer than others;
- ◆ It is easier to connect to other brand indoor units.



MULTI PROTECTIONS

? **Sensor T3(condenser pipe temperature)**

When open-circuit/short-circuit, compressor, fan motor and reverse valve will be OFF.

? **Discharge temperature protection**

When discharge temp. is too high, compressor will stop.

? **High pressure protection**

When high pressure $> 4.5\text{Mpa}$, compressor and fan motor will stop ;

When high pressure $< 3.5\text{Mpa}$, compressor and fan will restart ;

In stand-by status, the compressor will not start in low pressure protection ;

In 20mins, if 3 times protection occurs, it will restore after power cut-down.





THANKS