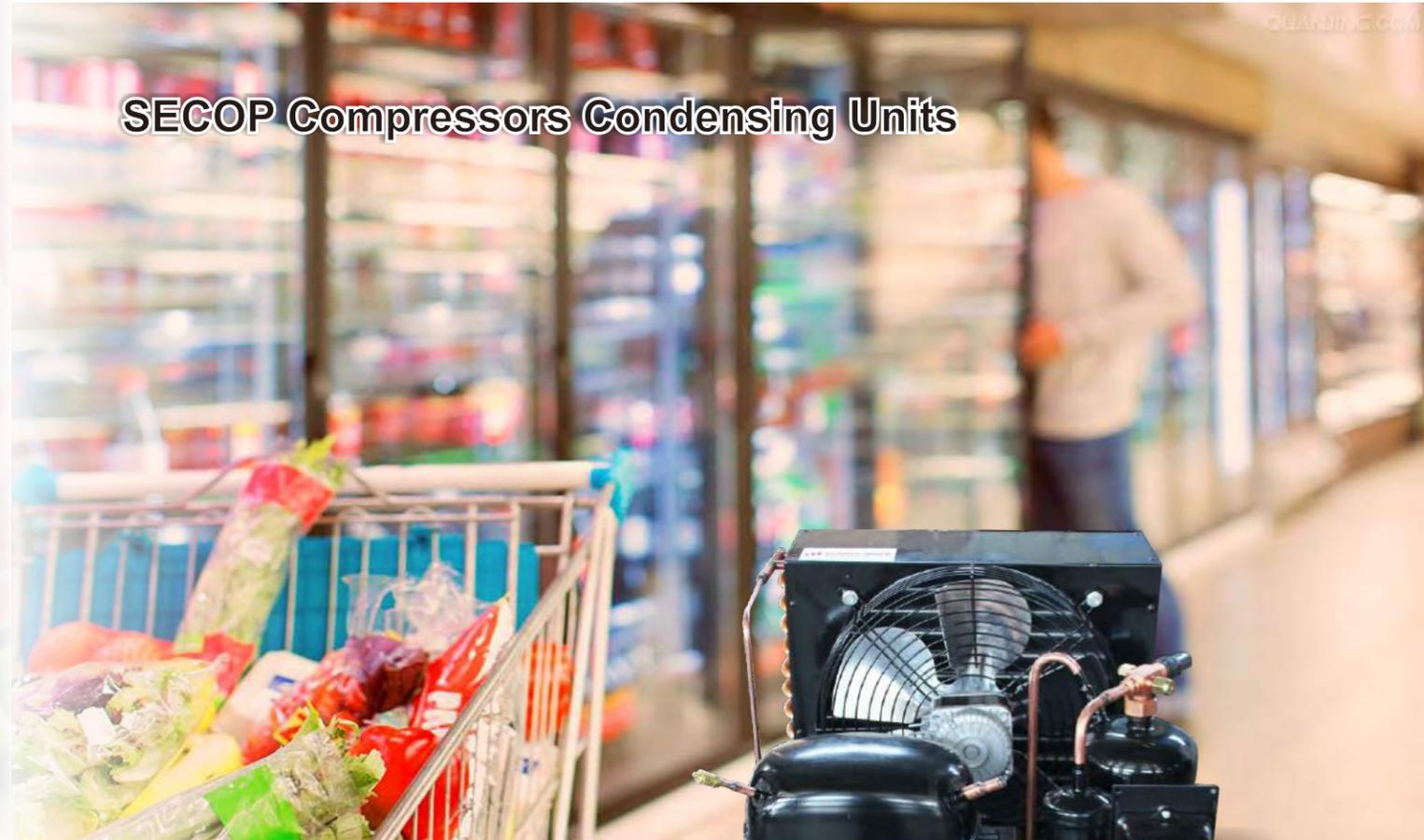




## SECOP Compressors Condensing Units



### LUS Series

**Products features:**

With SECOP Compressor  
Horse Power: From 1/5HP to 5/8HP  
Refrigerant: R134a, R404A, R22  
Application: M/HBP, LBP  
Air Cooled Units



**LUS SERIES**  
SECOP Compressors Condensing Units



**SECOP**



**Products Description:**

Small-sized commercial air cooling condensing units use Danfoss compressor, and then match with efficient condenser, premium brands fan, liquid receiver. With these excellent configuration, this machine performs efficiently on energy with nice-looking appearance. This series units are widely used in small-sized commercial refrigerator, kitchen refrigerator, ice machine, showcase, experimental apparatus and small chillers, etc.

**Technical data**

R134a

Model	LUS-RF7.5G	LUS-SC10G	LUS-SC12G	LUS-SC15G	LUS-SC18G	LUS-SC21G
Compressor Model	RF7.5G	SC10G	SC12G	SC15G	SC18G	SC21G
Nominal capacity (W)	600	900	1160	1402	1550	1920
Input power (W)	290	400	552	605	741	856
Power supply	1Ph-220V-50Hz					
Refrigerant	R134a					
Air volume m <sup>3</sup> /h	340	410	550	520	520	1050
Heat exchanger area m <sup>2</sup>	2.5	3.7	4	5.8	6.2	6.5
Fan diameter*angle (mm)	∅ 200*34°	∅230*28°	∅254*28°	∅254*28°	∅254*28°	∅300*34°
Motor power (W)	7	10	18	18	18	34
Tube coupling (mm)	6.35	6.35	6.35	6.35	6.35	6.35
Suction coupling (mm)	7.9	9.52	9.52	9.52	9.52	9.52
Dimensions L*B*H(mm)	380*320*265	380*320*265	480*350*290	480*350*290	480*350*290	480*410*350

**Application range:**

Evaporating temperature: -25~10°C, Inlet air temperature <43°C

**Note:**

1. Normal conditions: Units evaporation temperature: 7.2°C, Inlet air temperature: 32°C, Compressor suction temperature: 18°C;
2. Condensing with internal screw pipe, Hydrophilic aluminum fin Optional



R404A/R507

Model	LUS-RF7.5CL	LUS-SC10CL	LUS-SC12CL	LUS-SC15CL	LUS-SC18CL	LUS-SC21CL
Compressor Model	RF7.5CL	SC10CL	SC12CL	SC15CL	SC18CL	SC21CL
Nominal capacity (W)	490	770	1000	1150	1360	1330
Input power (W)	454	600	770	910	1030	1060
Power supply	1Ph-220V-50Hz					
Refrigerant	R404A/R507					
Air volume m <sup>3</sup> /h	340	410	550	520	520	520
Heat exchanger area m <sup>2</sup>	2.5	3.7	4.0	5.8	6.2	6.2
Fan diameter*angle (mm)	∅ 200*34°	∅230*28°	∅254*28°	∅254*28°	∅ 254*28°	∅254*28°
Motor power (W)	7	10	18	18	18	18
Tube coupling (mm)	6.35	6.35	6.35	6.35	6.35	6.35
Suction coupling (mm)	7.9	9.52	9.52	9.52	9.52	9.52
Dimensions L*B*H(mm)	380*320*265	380*320*265	480*350*290	480*350*290	480*350*290	480*350*290

Application range: Evaporating temperature: -40~-5°C, Inlet air temperature < 43°C from LUS-RF7.5CL to LUS-SC18CL  
LUS-SC21CL Evaporating temperature: -40°C— -10°C, Inlet air temperature <43°C

**Note:**

1. Normal conditions: Units evaporation temperature: -7°C (LUS-SC21CL: -10°C), Inlet air temperature: 32°C; Compressor suction temperature: 18°C
2. Condensing with internal screw pipe, Hydrophilic aluminum fin Optional

R22

Unit Model	LUS-SC10C	LUS-SC12C	LUS-SC15CM	LUS-SC18CM
Compressor Model	SC10C	SC12C	SC15CM	SC18CM
Nominal capacity (W)	760	960	1140	1240
Input power (W)	488	664	750	780
Power supply	1Ph-220V-50Hz			
Refrigerant	R22			
Air volume m <sup>3</sup> /h	410	550	520	520
Heat exchanger area m <sup>2</sup>	3.7	4.0	5.8	6.2
Fan diameter*angle (mm)	∅ 230*28°	∅ 254*28°	∅ 254*28°	∅ 254*28°
Motor power (W)	10	18	18	18
Tube coupling (mm)	6.35	6.35	6.35	6.35
Suction coupling (mm)	9.52	9.52	9.52	9.52
Dimensions L*B*H(mm)	380*320*265	480*350*290	480*350*290	480*350*290

**Application range:**

Evaporation temperature: -40~-5°C, Inlet air temperature < 43°C

**Note:**

1. Normal conditions: Units evaporation temperature: -7°C, Inlet air temperature: 32°C; Compressor suction temperature: 18°C
2. Condensing with internal screw pipe, Hydrophilic aluminum fin Optional