



Refrigerant



Inverter



Injection



Scroll



# ANB

## R-410A Inverter Scroll Compressor with Injection for Low Temp.

Scroll compressor with injection for low temperature refrigeration application (ANB INJ) can achieve ET = -45°C by using the injection function. It can perfectly match with any refrigeration application that need to operate under low temperature condition and range from 1.8 HP to 9 HP. It can be also saving from inverter system.

### Scroll Compressor for Low Temp.

SCI Scroll Compressor for Low Temp. can achieve ET = -45°C by use injection function



High  
Performance

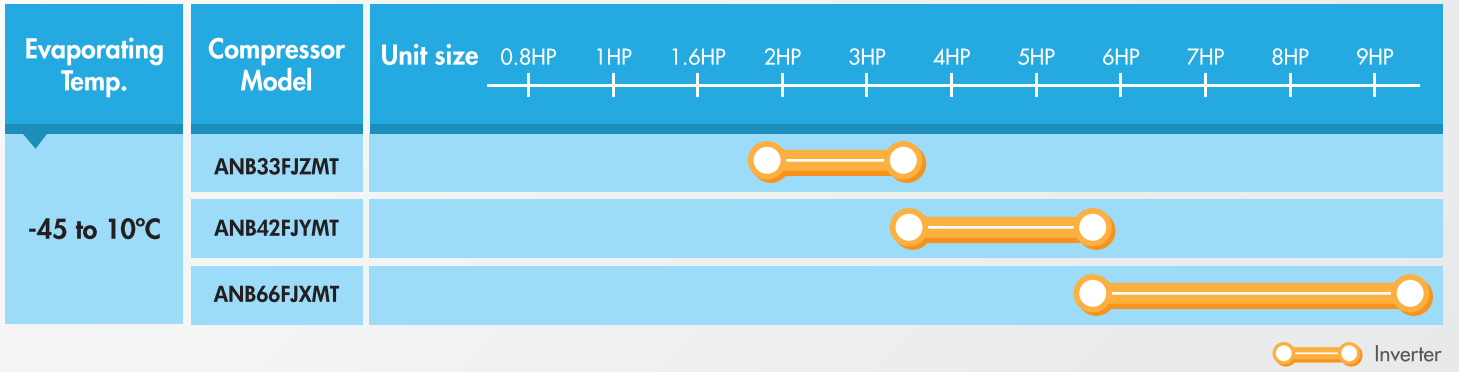
EER = 5.94 at Low Temp.  
condition\*



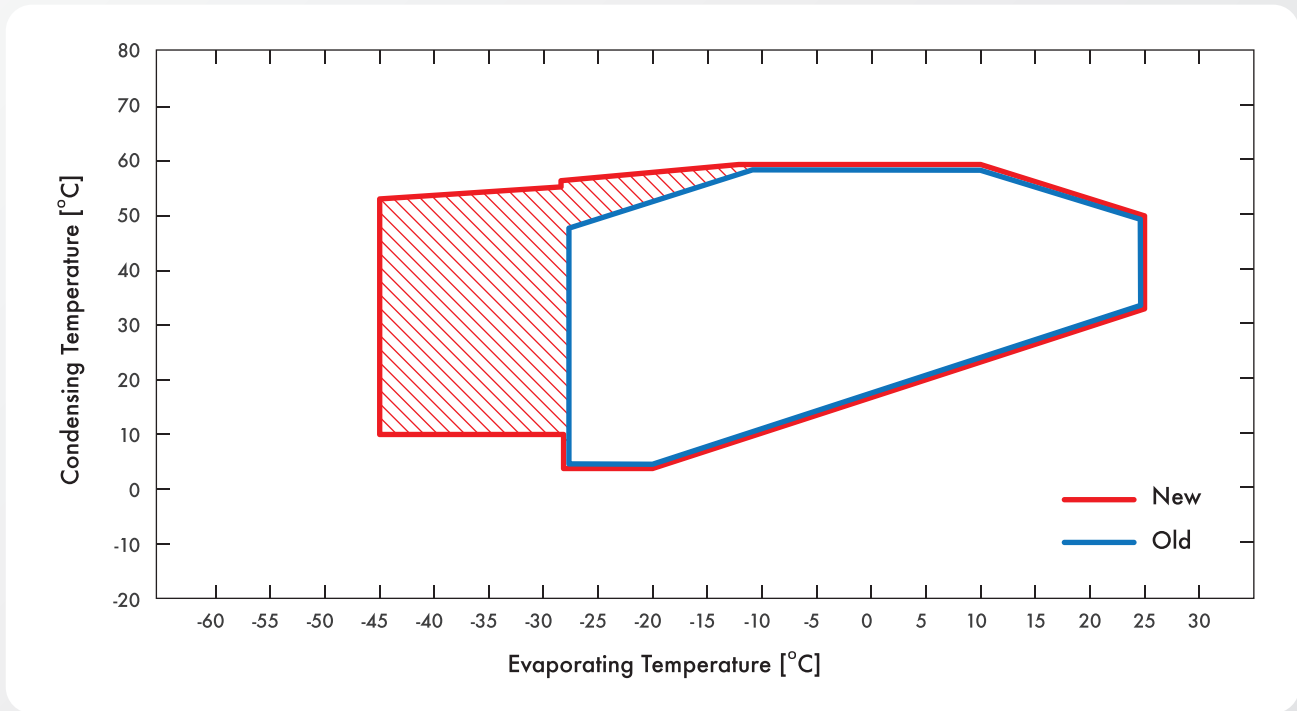
Low Temp.  
ET = -45°C

Suitable for Low Temp.  
Application

## ■ SCI Inverter Scroll Compressor with Injection for Low Temp. Line-up



## ■ Operating Envelope



## ■ ANB for Low Temp. with Injection. Capacity range

### ANB66FJXMT

Running frequency : 60-300 Hz (20-100 rps)

	Condition	
	Medium Temp.	Low Temp.
Cooling Cap. (W)	4,100-20,500	1,100-5,600
Cooling Cap. (BTU/Hr.)	13,990-69,949	3,753-19,108

### ANB42FJYMT

Running frequency : 60-273 Hz (20-91 rps)

	Condition	
	Medium Temp.	Low Temp.
Cooling Cap. (W)	2,600-11,800	740-3,300
Cooling Cap. (BTU/Hr.)	8,872-40,263	2,525-11,260

### ANB33FJZMT

Running frequency : 60-216 Hz (20-72 rps)

	Condition	
	Medium Temp.	Low Temp.
Cooling Cap. (W)	2,000-7,200	560-2,000
Cooling Cap. (BTU/Hr.)	6,824-24,567	1,911-6,824

\* Capacity base calculation

\* Medium Temp. condition is CT/ET 45/-10

\* Low Temp. condition is CT/ET 45/-40

■ Outline Drawing

