



**SIAM COMPRESSOR  
INDUSTRY CO., LTD.**



SCI, a leading manufacturer of high-performance compressors, provides cooling and heating system in high-quality and advanced technology. From the continuous development of compressor technology, SCI compressors with UL certification are specially designed for USA market to ensure less energy consumption and high efficiency, making the maximum comfort in your place and the friendliness to our nature.



■ **SCI Scroll Line-up**

		KBTU/Hr.	20	40	60	80	100	120	140	160	180	200
Scroll	D Series	Inverter	6 ————— 78									
	A Series	Inverter	11 ————— 191									
		Fixed Speed	27 ————— 71									
	B Series	Fixed Speed	57 ————— 71									

\* Testing Condition : Scroll : ARI

# Scroll Compressor Specifications for USA Market Inverter R-410A

## ■ Specifications of R-410A Inverter Scroll Compressor

Models	Capacity Range	Performance at 60 rps			Weight
	(min ~ max) BTU/Hr.	Capacity BTU/Hr.	Input Watt	EER (BTU/Hr. *w)	(lbs)

### Long Piping

#### a) DC Inverter 208-230 Volt

ANB33FBSMT (20-120RPS)	10,990~73,358	36,850	3,240	11.37	73.6
ANB42FBSMT (20-120RPS)	14,540~92,470	46,750	4,080	11.46	73.6
ANB52FKKMT (20-120RPS)	19,448~116,690	58,345	5,150	11.33	84.2

#### b) DC Inverter 460 Volt

ANB33FKJMT (20-120RPS)	11,230~73,360	36,850	3,240	11.37	69.9
ANB42FKJMT (20-100RPS)	15,581~77,906	46,744	4,320	10.82	70.1
ANB52FKPMT (20-120RPS)	18,600~112,940	58,686	5,250	11.18	73.0
ANB66FKNMT (20-120RPS)	24,452~146,716	73,358	6,500	11.29	84.7

### Short Piping

#### a) DC Inverter 208-230 Volt

ANB33FEYMT (20-120RPS)	10,990~74,020	36,900	3,240	11.37	71.0
ANB42FEYMT (20-120RPS)	14,540~92,470	46,744	4,080	11.46	71.2

#### b) DC Inverter 460 Volt

ANB33FLGMT (20-120RPS)	11,942~71,652	35,826	3,350	10.69	71.0
ANB42FLGMT (20-120RPS)	15,354~92,124	46,062	4,200	10.97	68.3

### Vertical Suction

#### a) DC Inverter 208-230 Volt

ANB66FVCMT (15-120RPS)	18,339~146,716	73,358	6,460	11.36	86.6
ANB78FVCMT (15-120RPS)	21,666~173,330	86,665	7,640	11.34	86.6

#### b) DC Inverter 460 Volt

ANB52FVRMT (15-120RPS)	14,074~112,596	56,298	5,200	10.83	77.4
ANB66FVQMT (15-120RPS)	17,913~143,304	71,652	6,500	11.02	85.5
ANB78FVQMT (15-120RPS)	21,239~169,918	84,959	7,640	11.12	86.6
ANB87FVLMT (15-120RPS)	23,884~191,072	95,536	8,500	11.24	87.7

Notes: 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 900-2300 cc.

## ■ Specifications of R-410A Inverter Scroll Compressor Vapor Injection

Models	Capacity Range	Performance at 60 rps			Weight
	(min ~ max) BTU/Hr.	Capacity BTU/Hr.	Input Watt	EER (BTU/Hr. *w)	(lbs)

### Long Piping

#### a) DC Inverter 208-230 Volt

ANB33FUDMT (20-120RPS)	23,906~74,792	35,826	3,350	10.69	72.5
ANB42FUDMT (20-100RPS)	26,979~75,133	46,062	4,070	11.32	74.1

### Short Piping

#### a) DC Inverter 208-230 Volt

ANB33FUAMT (20-120RPS)	23,906~74,792	35,826	3,350	10.69	72.5
ANB42FUAMT (20-100RPS)	26,979~75,133	46,062	4,070	11.32	74.1

Notes: 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 900-2300 cc.

## ■ Specifications of R-410A Inverter Compact Scroll Compressor

Models	Capacity Range	Performance at 60 rps			Weight
	(min ~ max) BTU/Hr.	Capacity BTU/Hr.	Input Watt	EER (BTU/Hr.*w)	(lbs)

### a) DC Inverter 208-230 Volt

DNB22FAHMT (15-120RPS)	6,354~47,426	23,713	2,240	10.59	50.5
DNB28FAGMT (15-120RPS)	7,719~61,758	30,879	2,830	10.91	52.7
DNB36FAGMT (15-120RPS)	9,809~78,476	39,238	3,650	10.75	52.7

Notes : 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 1000-1400 cc.

## Fixed Speed R-410A

### ■ Specifications of R-410A Fixed Speed Scroll Compressor

Models	Capacity	Input	EER	Weight
	BTU/Hr.	Watt	(BTU/Hr.*w)	(lbs)

#### Long Piping

##### a) Electrical 60 Hz : 208-230 Volt : 3 Phases

AN66TQSMT	66,534	6,580	10.11	84.7
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##### b) Electrical 60 Hz : 460 Volt : 3 Phases

AN36YKLMT	39,579	3,700	10.70	83.6
AN47YKLMT	50,088	4,580	10.94	83.3
AN66YQSMT	71,652	6,520	10.99	84.7
BN52YHMT	57,322	5,200	11.02	104.7
BN57YHMT	62,303	5,710	10.91	105.4
BN62YHMT	67,865	6,160	11.02	105.4
BN65YHMT	71,754	6,440	11.14	105.4

Notes : 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 900-2300 cc.

#### Short Piping

##### a) Electrical 60 Hz : 208 - 230 Volt : 1 Phase

ANH30NELMT	31,390	3,100	10.13	80.0
ANH33NELMT	35,144	3,340	10.52	80.0
ANH42NELMT	44,356	4,250	10.44	80.9
ANH47NELMT	48,792	4,700	10.38	82.5

Notes : 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 900-2300 cc.

## Fixed Speed R-407C

### ■ Specifications of R-410A Fixed Speed Scroll Compressor

Models	Capacity	Input	EER	Weight
	BTU/Hr.	Watt	(BTU/Hr.*w)	(lbs)

#### Long Piping

##### a) Electrical 50/60 Hz : 380-415/460 Volt : 3 Phases

AE33YKLMT	19,448	1,790	10.87	74.1
AE42YKLMT	24,908	2,250	11.07	75.4
AE47YKLMT	28,230	2,520	11.24	79.4
AE60YKLMT	36,508	3,140	11.63	80.0
BE67YHMT	41,285	3,650	11.31	96.6
BE90YHMT	56,366	4,800	11.74	101.9
BE107YHMT	64,999	5,830	11.15	101.0

Notes : 1. Testing Condition : ARI

2. For variety of oil quantity, please contact sales representative, Min - Max oil quantity is between 900-2300 cc.

3. This table shows performance at 50 Hz : 400 Volt : 3 Phases