



**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 Rotary Line-up**

		KBTU/Hr.	10	20	30	40	50	60	70	80
Rotary	K Series	Inverter	3	16						
	S Series	Inverter	2			40				
	T Series	Inverter	5						70	
	R Series	Fixed Speed	10		23					
	P Series	Fixed Speed			25	27				
	N Series	Fixed Speed			22				45	

* Testing Condition : Rotary : ASRE-T

Rotary Compressor Specifications for USA Market Inverter R-410A

■ Specifications of R-410A Inverter Rotary 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					
KNB092FDAMT (25-115RPS)	3,554~16,349	8,530	830	10.28	35.5
SNB092FQAMT (15-130RPS)	2,074~22,048	8,564	820	10.44	38.9
SNB110FGYMT (15-130RPS)	2,466~27,453	11,601	1,035	11.21	37.9
SNB130FQYMT (10-130RPS)	2,331~30,309	13,989	1,254	11.24	39.4
SNB172FQGMT (15-130RPS)	4,657~40,365	18,630	1,640	11.36	42.3
TNB220FSGMT (15-120RPS)	5,466~49,106	24,328	2,170	11.21	76.8
TNB306FPGMT (15-120RPS)	7,660~70,548	33,711	3,010	11.20	77.8

Note: 1. Testing Condition : ASRE-T

Fixed Speed R-410A

■ Specifications of R-410A Fixed Speed Rotary Compressor

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

a) Electrical 60 Hz : 115 - 120 Volt : 1 Phase

RN099WHDMT	10,100	1,020	9.90	30.2
RN110WHDMT	11,190	1,113	10.06	30.2
RN125WHDMT	12,863	1,280	10.05	30.2
RN140WHDMT	14,530	1,461	9.95	34.8

b) Electrical 60 Hz : 208 - 230 Volt : 1 Phase

RN099NHDMT	10,270	1,010	10.17	30.2
RN125NHDMT	12,795	1,280	10.00	30.4
RN140NHCMT	14,194	1,430	9.93	29.5
RN154NHDMT	15,422	1,560	9.89	34.8

c) Electrical 60 Hz : 208 - 230 Volt : 1 Phase (High EER)

RN092NHTMT	9,792	910	10.76	35.1
RN096NHTMT	10,270	960	10.59	35.1
RN110NHTMT	11,601	1,090	10.65	35.1
RN117NHTMT	12,556	1,160	10.82	35.1
RN125NHTMT	13,273	1,230	10.79	35.1
RN135NHTMT	14,569	1,320	11.04	35.3
RN145NHTMT	15,661	1,410	11.11	35.3
RN154NHTMT	16,719	1,520	11.00	35.3
RN165NHTMT	17,811	1,640	10.86	35.3
RN174NHTMT	18,698	1,750	10.93	35.3
RN196NHTMT	21,052	1,940	10.85	35.3
RN220NHTMT	23,645	2,200	10.75	35.3
NN21NBBMT	22,178	2,150	10.32	65.7
NN23NBBMT	24,566	2,380	10.32	65.0
NN25NBBMT	26,648	2,580	10.33	67.7
NN27NBBMT	28,934	2,760	10.48	66.6
NN29NBBMT	31,049	2,950	10.53	69.0
NN31NAAMT	34,564	3,280	10.54	70.5
NN33NAAMT	37,191	3,500	10.63	70.5
NN37NAAMT	41,592	3,920	10.61	70.5
NN40NAAMT	45,107	4,270	10.56	70.5

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

d) Electrical 60 Hz : 460 Volt : 3 Phases

NN21YDAMT	22,417	2,150	10.43	65.9
NN25YDAMT	27,160	2,570	10.57	65.7
NN27YDAMT	28,558	2,715	10.52	65.9
NN31YCAMT	34,461	3,225	10.69	66.4
NN33YCAMT	36,850	3,420	10.77	66.4
NN37YCCMT	40,262	3,850	10.46	71.0
NN40YCAMT	44,868	4,110	40.92	70.3

e) Electrical 60 Hz : 265 - 277 Volt : 1 Phase

RN099HHSMT	10,100	1,000	10.10	30.2
RN110HHSMT	11,260	1,110	10.14	30.2
RN125HHSMT	12,590	1,260	9.99	30.4
RN140HHCMT	14,296	1,440	9.93	29.5
RN154HHSMT	15,593	1,550	10.06	34.8

Note: 1. Testing Condition : ASRE-T except RN140NHCMT, RN154NHDMT, RN099-154HHSMT which are ARI

Fixed Speed R-407C

■ Specifications of R-407C Fixed Speed Rotary Compressor

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

a) Electrical 50 Hz : 220 - 240 Volt : 1 Phase

RE135VHSMT	7,642	730	10.47	29.1
RE174VHSMT	9,964	940	10.60	29.1

b) Electrical 60 Hz : 115 - 120 Volt : 1 Phase

RE135WHHMT	9,724	890	10.93	29.3
RE174WHHMT	12,419	1,130	10.99	29.1

c) Electrical 60 Hz : 208 - 230 Volt : 1 Phase

RE189NRAMT	13,648	1,280	10.66	33.3
RE207NRAMT	14,501	1,350	10.74	33.3
RE231NRAMT	16,241	1,511	10.75	33.3
RE277NRAMT	19,311	1,805	10.70	34.0
PE36NTBMT (3legs)	25,355	2,400	10.54	50.0
PE39NTBMT (3legs)	27,232	2,580	10.54	50.0

Note: 1. Testing Condition : ASRE-T