



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



**HVAC
Compressor**



Refrigerant



Inverter



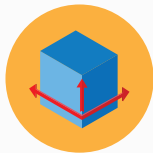
Rotary



SNB

R-410A Inverter Twin Rotary Compressor

This is the expansion of cost competitive inverter twin rotary compressor (SNB220). It is not only smaller size & light weight but also has wide capacity range (1,000 – 15,000 W) & high efficiency. It is suitable for any Air Conditioning application.



Wide
Capacity range

1,000 - 15,000 w



Smaller size &
light weight

Only 10.5 kg.



Higher COP

COP 3.32 at
ASHRAE condition

■ SCI Inverter Twin Rotary Compressor Line-up

Refrigerant	Comp. Type	kw	Capacity Range									
			2	4	6	8	10	12	14	16	18	20
R410A [Cooling]	Twin Rotary	SNB	092 110 130 140 172 220									
		TNB	220 306									

■ Specifications of R-410A Inverter Twin Rotary Compressor

Models	Capacity Range			Performance at 60 rps				Weight (kgs.)	Oil Q'ty (cc.)
	Watt	(min ~ max) Kcal/Hr.	BTU/Hr.	Capacity W BTU/Hr.	Input Watt Amps	COP. (w/w)	EER (BTU/Hr.*w)		

a) DC Inverter (Cooling Condition)

SNB092FQAMT(15-130RPS)	608~6,462	522~5,550	2,074~22,048	2,510	8,564	820	2.90	3.06	10.44	8.0	350
SNB110FGYMT(15-130RPS)	723~8,046	621~6,918	2,466~27,453	3,400	11,601	1,035	7.00	3.29	11.21	7.8	350
SNB130FGBMT(10-130RPS)	868~9,679	746~8,322	2,961~33,025	3,630	12,386	1,140	5.40	3.18	10.86	7.9	350
SNB140FRUMT(15-107RPS)	907~5,364	779~4,607	3,094~18,301	3,880	13,239	1,230	3.80	3.15	10.76	8.2	350
SNB172FEKMT(15-130RPS)	1,330~10,835	1,143~9,315	4,538~36,970	4,830	16,480	1,560	6.70	3.10	10.56	8.6	400
SNB220FBGMT(10-120RPS) (200V)	1,000~15,000	858~12,881	3,403~51,176	6,840	23,338	2,060	7.20	3.32	11.33	10.5	700
SNB220FBAMT(10-120RPS) (400V)	1,000~15,000	858~12,881	3,403~51,176	6,840	23,338	2,040	6.20	3.35	11.44	10.5	700
TNB220FLHMT(15-120RPS)	1,602~14,392	1,377~12,374	5,466~49,106	7,130	24,328	2,200	9.70	3.24	11.06	14.0	870
TNB306FPGMT(15-120RPS)	2,245~20,676	1,930~17,777	7,660~70,548	9,880	33,711	3,010	13.50	3.28	11.2	16.0	870

Note: 1. Testing Condition : ASRE-T

■ Outline Drawing

