

R-32 & R-290 Inverter Scroll for HVAC Application Specifications

APB Inverter Scroll Compressor for R-290

Models	Capacity Range						Performance at 60 rps						Weight (kgs.)	Oil (cc.)	Drawing Number
	(min ~ max)						Capacity		Input		COP.	EER.			
	Watt	Kcal/hr	BTU/hr		W	BTU/hr	Watt	Amps	(w/w)	(Btu/hr*w)					
a) DC Inverter 200 Volt															
Horizontal Suction	Min	Max	Min	Max	Min	Max									
APB33FABMT(15-120 RPS)	1,500	10,500	1,290	9,028	5,118	35,826	5,100	17,401	1,650	5.90	3.09	10.55	30.4	900	14
APB42FABMT(15-120 RPS)	2,000	14,100	1,720	12,123	6,824	48,109	6,200	21,154	2,200	8.70	2.82	9.62	30.3	900	14
APB52FABMT(15-120 RPS)	2,500	17,500	2,150	15,047	8,530	59,710	8,300	28,320	2,620	9.20	3.17	10.81	30.5	900	14
b) DC Inverter 400 Volt															
Horizontal Suction	Min	Max	Min	Max	Min	Max									
APB33FAAMT(15-120 RPS)	1,500	10,500	1,290	9,028	5,118	35,826	5,100	17,401	1,720	4.00	2.97	10.12	31.0	900	14
APB42FAAMT(15-120 RPS)	2,000	14,100	1,720	12,123	6,824	48,109	6,200	21,154	2,200	4.70	2.82	9.62	30.7	900	14
APB52FAAMT(15-120 RPS)	2,500	17,500	2,150	15,047	8,530	59,710	7,800	26,614	2,620	5.60	2.98	10.16	31.0	900	14

Heat pump Condition

