

# 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)					
<b>a) DC Inverter 200 Volt</b>															
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>b) DC Inverter 400 Volt</b>															
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

