

Specifications of R-407C Fixed Speed Scroll Compressor

Models	Capacity			Input		Normal Output		COP.	EER.	Run Cap.	Weight
	W	Kcal/hr	Btu/hr	Watt	Amps	HP	KW.	(W/W)	(Btu/hr*w)	(mF/VAC)	(kgs.)

Cooling Long Piping

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

AE33VBNMT	5,600	4,815	19,110	1,790	8.30	2.01	1.50	3.13	10.67	40 / 420	33.6
AE42VBNMT	7,170	6,165	24,470	2,230	10.20	2.55	1.90	3.22	10.97	45 / 420	34.2
AE52VBNMT	9,160	7,876	31,250	2,760	12.90	3.15	2.35	3.32	11.32	50 / 420	36.0
AE60VBNMT	10,500	9,028	35,830	3,230	15.30	3.62	2.70	3.25	11.10	60 / 450	36.3

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

AE33YBNMT	5,700	4,901	19,500	1,790	3.20	2.01	1.50	3.18	10.87	-	33.6
AE42YBNMT	7,300	6,277	24,910	2,250	3.24	2.55	1.90	3.24	11.07	-	34.2
AE47YBNMT	8,300	7,137	28,320	2,520	4.30	2.82	2.10	3.29	11.24	-	36.0
AE52YBNMT	9,100	7,825	31,050	2,730	4.70	3.15	2.35	3.33	11.37	-	36.0
AE60YBNMT	10,700	9,200	36,510	3,140	5.50	3.62	2.70	3.41	11.63	-	36.3
BE67YFEMT	12,100	10,404	40,950	3,650	6.10	4.43	3.30	3.32	11.31	-	43.8
BE72YFEMT	13,160	11,316	44,904	3,900	6.70	4.69	3.50	3.37	11.52	-	44.2
BE76YFEMT	13,920	11,969	47,500	4,090	7.00	4.96	3.70	3.40	11.62	-	44.2
BE82YFEMT	15,000	12,898	51,200	4,360	7.50	5.23	3.90	3.44	11.74	-	46.2
BE90YFEMT	16,520	14,205	56,370	4,800	8.20	5.50	4.10	3.44	11.74	-	46.2
BE96YFEMT	17,800	15,305	60,750	5,140	8.80	6.17	4.60	3.46	11.82	-	46.2

Cooling Short Piping

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

AE33VEHMT	5,600	4,815	19,110	1,790	8.30	2.01	1.50	3.13	10.67	40 / 420	33.1
AE42VEHMT	7,170	6,165	24,470	2,230	10.20	2.55	1.90	3.22	10.97	45 / 420	33.7
AE52VEHMT	9,160	7,876	31,250	2,760	12.90	3.15	2.35	3.32	11.32	50 / 420	35.5
AE60VEHMT	10,500	9,028	35,830	3,230	15.30	3.62	2.70	3.25	11.10	60 / 450	35.8

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

AE33YEHMT	5,700	4,901	19,500	1,790	3.20	2.01	1.50	3.18	10.87	--	33.1
AE42YEHMT	7,300	6,277	24,910	2,250	4.00	2.55	1.90	3.24	11.07	--	33.7
AE47YEHMT	8,300	7,137	28,320	2,520	4.30	2.82	2.10	3.29	11.24	--	35.5
AE52YEHMT	9,100	7,825	31,050	2,730	4.70	3.15	2.35	3.33	11.37	--	35.5
AE60YEHMT	10,700	9,200	36,510	3,140	5.50	3.62	2.70	3.41	11.63	--	35.8
BE67YEKMT	12,100	10,404	40,950	3,650	6.10	4.49	3.35	3.32	11.31	-	43.0
BE72YEKMT	13,160	11,316	44,904	3,900	6.70	4.69	3.50	3.37	11.51	-	43.4
BE76YEKMT	13,920	11,969	47,497	4,090	7.00	4.96	3.70	3.40	11.61	-	43.4
BE82YEKMT	15,000	12,898	51,200	4,360	7.50	5.10	3.80	3.44	11.74	-	45.3
BE90YEKMT	16,520	14,205	56,369	4,800	8.20	5.50	4.10	3.44	11.75	-	45.3
BE96YEKMT	17,800	15,305	60,750	5,140	8.80	5.90	4.40	3.46	11.82	-	45.1

Note: 1. Testing Condition : ARI

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

Heating Long Piping

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

AEH33VQGMT	4,215	3,624	14,382	1,600	7.3	2.0	1.5	2.63	8.99	40 / 420	34.5
AEH42VQGMT	7,000	6,018	23,844	2,250	10	2.012	1.500	3.11	10.62	45 / 420	34.5
AEH52VQGMT	8,950	7,695	30,537	2,760	13	3.151	2.350	3.24	11.06	50 / 420	35.9
AEH60VQGMT	10,330	8,882	35,246	3,230	15.3	3.621	2.700	3.20	10.91	60 / 420	36.2

b) Electrical 50 Hz : 380 - 415 / 460 Volt : 3 Phases

AEH33YQGMT	4,380	3,766	14,945	1,550	2.92	2.0	1.5	2.83	9.64	-	34.5
AEH42YQGMT	5,710	4,909	19,483	1,930	3.5	2.5	1.9	2.96	10.09	-	34.5
AEH52YQGMT	6,150	5,288	20,984	2,110	3.7	2.9	2.15	3.17	10.81	-	35.5
AEH60YQGMT	7,060	6,070	24,089	2,350	4.18	3.2	2.35	3.00	10.25	-	36.3
BEH67YFNMT	8,310	7,145	28,354	2,670	5	3.6	2.7	3.11	10.62	-	36.3
BEH72YFNMT	10,200	8,770	34,802	3,450	6.2	4.7	3.5	2.96	10.09	-	43.8
BEH82YFNMT	11,460	9,853	39,102	3,830	6.83	5.1	3.8	2.99	10.21	-	45.8
BEH96YFNMT	13,390	11,513	45,687	4,290	7.86	5.9	4.4	3.12	10.65	-	45.8

Heating Short Piping

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

AEH33VEYMT	4,215	3,624	14,382	1,600	7.3	2.0	1.5	2.63	8.99	40 / 420	33.2
AEH42VEYMT	7,000	6,018	23,844	2,250	10	2.548	1.900	3.11	10.62	45 / 420	33.2
AEH52VEYMT	8,950	7,695	30,537	2,760	13	3.151	2.350	3.24	11.06	50 / 420	34.9
AEH60VEYMT	10,330	8,882	35,246	3,230	15.3	3.621	2.700	3.20	10.91	60 / 420	35.2

b) Electrical 50 Hz : 380 - 415 / 460 Volt : 3 Phases

AEH33YEMT	4,380	3,766	14,945	1,550	2.92	2.0	1.5	2.83	9.64	-	33.2
AEH42YEMT	5,710	4,909	19,483	1,930	3.5	2.5	1.9	2.96	10.09	-	33.2
AEH47YEMT	6,150	5,288	20,984	2,110	3.7	2.9	2.15	3.17	10.81	-	35.3

AEH52YEYMT	7,060	6,070	24,089	2,350	4.18	3.2	2.35	3.00	10.25	-	34.5
AEH60YEYMT	8,310	7,145	28,354	2,670	5	3.6	2.7	3.11	10.62	-	35.3
AEH83YEZMT	14,100	12,123	48,109	4,400	8	5.1	3.8	3.20	10.93	-	37.2
BEH67YEYMT	9,900	8,512	33,779	2,650	4.7	4.5	3.35	3.74	12.75	-	43
BEH72YEYMT	10,200	8,770	34,802	3,450	6.2	4.7	3.5	2.96	10.09	-	43.3
BEH82YEYMT	11,460	9,853	39,102	3,830	6.83	5.1	3.8	2.99	10.21	-	45.3
BEH96YEYMT	13,390	11,513	45,687	4,290	7.86	5.9	4.4	3.12	10.65	-	45.3
BEH107YETMT	16,420	14,118	56,025	5,180	9.2	6.6	4.9	3.17	10.82	-	45.3

Note: 1. Testing Condition : Heating

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