

Specifications of R-410A Fixed Speed Scroll Compressor

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

Cooling Long Piping

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

AN30VBFMT	7,670	6,595	26,170	2,570	11.90	3.08	2.30	2.98	10.18	50 / 420	37.3
AN33VBFMT	8,500	7,309	29,000	2,790	13.00	3.35	2.50	3.05	10.40	50 / 420	37.3
AN36VBFMT	9,450	8,126	32,250	3,100	14.60	3.55	2.65	3.05	10.40	55 / 420	37.6
AN40VBFMT	10,300	8,856	35,145	3,360	15.70	3.75	2.80	3.07	10.47	60 / 420	37.6
AN42VBFMT	10,700	9,200	36,510	3,540	16.90	4.02	3.00	3.02	10.31	60 / 450	37.6

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

AN30YBFMT	7,650	6,578	26,100	2,500	4.40	3.08	2.30	3.06	10.44	-	37.6
AN33YBFMT	8,430	7,248	28,770	2,710	4.70	3.35	2.50	3.11	10.61	-	37.6
AN36YBFMT	9,500	8,169	32,420	3,080	5.20	3.75	2.80	3.08	10.52	-	37.9
AN42YBFMT	10,800	9,286	36,850	3,490	5.90	4.02	3.00	3.09	10.56	-	37.9
AN47YBFMT	12,130	10,430	41,390	3,830	6.60	4.49	3.35	3.17	10.81	-	37.8
AN52YBFMT	13,600	11,694	46,400	4,280	7.40	4.96	3.70	3.18	10.84	-	38.4
AN66YQKMT	17,450	15,003	59,539	5,460	9.30	5.77	4.30	3.20	10.90	-	38.5

c) Electrical 60 Hz : 460 Volt : 3 Phases

AN30YBFMT	9,270	7,970	31,629	3,040	4.50	3.08	2.30	3.05	10.40	-	37.6
AN33YBFMT	10,300	8,856	35,144	3,280	4.80	4.49	3.35	3.14	10.71	-	37.6
AN36YBFMT	11,600	9,974	39,579	3,700	5.30	5.03	3.75	3.14	10.70	-	37.9
AN42YBFMT	12,930	11,117	44,117	4,140	6.00	5.39	4.02	3.12	10.66	-	37.9
AN47YBFMT	14,680	12,622	50,088	4,580	6.70	6.02	4.49	3.21	10.94	-	37.8
AN52YBFMT	16,520	14,204	56,366	5,130	7.50	6.65	4.96	3.22	10.99	-	38.4
AN66YQKMT	21,000	18,056	71,652	6,520	9.40	5.77	5.77	3.22	10.99	-	38.5

d) Electrical 60 Hz : 380 : 3 Phases

BN65XFMT	20,870	17,945	71,200	6,500	10.90	7.78	5.80	3.21	10.96	-	48.0
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Cooling Short Piping

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

AN30VEJMT	7,670	6,595	26,170	2,570	11.90	3.08	2.30	2.98	10.18	50 / 420	36.3
AN33VEJMT	8,500	7,309	29,000	2,790	13.00	3.35	2.50	3.05	10.40	50 / 420	36.3
AN36VEJMT	9,450	8,126	32,250	3,100	14.60	3.55	2.65	3.05	10.40	55 / 420	36.3
AN42VEJMT	10,700	9,200	36,510	3,540	16.90	4.02	3.00	3.02	10.31	60 / 450	36.7

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

AN33NELMT	10,300	8,856	35,150	3,340	16.20	3.35	2.50	3.08	10.52	60 / 450	36.3
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c) Electrical 50 Hz : 380 - 415 Volt : 3 Phases

AN30YEJMT	7,650	6,578	26,100	2,500	4.40	3.08	2.30	3.06	10.44	-	36.3
AN33YEJMT	8,430	7,248	28,770	2,710	4.70	3.35	2.50	3.11	10.61	-	36.3
AN36YEJMT	9,500	8,169	32,420	3,080	5.20	3.75	2.80	3.08	10.52	-	36.3
AN42YEJMT	10,800	9,286	36,850	3,490	5.90	4.02	3.00	3.09	10.56	-	36.7
AN47YEJMT	12,130	10,430	41,390	3,830	6.60	4.49	3.35	3.17	10.81	-	37.3
AN52YEJMT	13,600	11,694	46,400	4,280	7.40	4.96	3.70	3.18	10.84	-	37.3
AN66YEJMT	17,450	15,004	59,539	5,460	9.30	5.80	4.30	3.20	10.90	-	37.5

d) Electrical 60 Hz : 460 Volt : 3 Phases

AN30YEJMT	9,270	7,970	31,629	3,040	4.50	3.08	2.30	3.05	10.40	-	36.3
AN33YEJMT	10,300	8,856	35,144	3,280	4.80	3.35	2.50	3.14	10.71	-	36.3
AN36YEJMT	11,600	9,974	39,579	3,700	5.30	3.75	2.80	3.14	10.70	-	36.3
AN42YEJMT	12,930	11,117	44,117	4,140	6.00	4.02	3.00	3.12	10.66	-	36.7
AN47YEJMT	14,680	12,622	50,088	4,580	6.70	4.49	3.35	3.21	10.94	-	37.3
AN52YEJMT	16,520	14,204	56,366	5,130	7.50	4.96	3.70	3.22	10.99	-	37.3
AN66YEJMT	21,000	18,056	71,652	6,520	9.40	5.77	4.30	3.22	10.99	-	37.5

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

ANH30VQHMT	7,260	6,190	24,566	2,600	4.50	3.08	2.30	2.77	9.45	50 / 420	37.3
ANH33VQHMT	7,320	6,294	24,976	2,440	11.40	3.35	2.50	3.00	10.24	50 / 420	37.3
ANH37VQHMT	8,280	7,119	28,251	2,760	13.10	3.55	2.65	3.00	10.24	55 / 420	37.3
ANH42VQHMT	9,430	8,108	32,175	3,120	14.80	4.02	3.00	3.02	10.31	60 / 420	37.7

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

ANH30YQHMT	7,260	6,191	24,566	2,600	4.50	3.08	2.30	2.79	9.45	-	37.3
ANH33YQHMT	6,890	5,924	23,509	2,430	4.30	3.35	2.50	2.84	9.67	-	37.3
ANH37YQHMT	8,270	7,111	28,217	2,750	4.70	3.75	2.80	3.01	10.26	-	37.3
ANH42YQHMT	9,020	7,755	30,776	3,030	5.40	4.02	3.00	2.98	10.16	-	37.7
ANH47YQHMT	10,150	8,727	34,632	3,460	6.10	4.49	3.35	2.93	10.01	-	37.3
ANH52YQHMT	11,390	9,793	38,863	3,850	6.80	4.96	3.70	2.96	10.09	-	38.4
BNH52YFJMT	13,050	11,220	44,527	4,130	7.52	5.36	4.00	3.16	10.78	-	47.8
BNH62YFJMT	14,200	12,209	48,450	4,490	8.10	5.90	4.40	3.16	10.79	-	47.8
BNH65YFJMT	14,980	12,880	51,112	4,690	8.80	6.17	4.60	3.19	10.90	-	47.8

Heating Short Piping

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

ANH30VPGMT	6,640	5,709	22,656	2,270	10.7	3.1	2.30	2.93	9.98	50 / 420	36.3
ANH33VPGMT	7,320	6,294	24,976	2,440	11.4	3.4	2.50	3.00	10.24	50 / 420	36.3

ANH37VPGMT	8,280	7,119	28,251	2,760	13.1	3.6	2.65	3.00	10.24	55 / 420	36.3
ANH42VPGMT	9,430	8,108	32,175	3,120	14.8	4.0	3.00	3.02	10.31	60 / 420	36.7

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

ANH30YPKMT	6,200	5,331	21,154	2,250	3.9	3.0	2.20	2.76	9.40	-	38.4
ANH33YPKMT	6,800	5,847	23,202	2,450	4.2	3.2	2.40	2.78	9.47	-	38.5
ANH36YPKMT	7,520	6,466	25,658	2,720	4.5	3.6	2.70	2.76	9.43	-	38.6
ANH42YPKMT	9,000	7,738	30,708	3,100	5.1	4.2	3.10	2.90	9.91	-	38.4
ANH47YPKMT	10,200	8,770	34,802	3,430	5.8	4.6	3.40	2.97	10.15	-	38.6
ANH52YPKMT	11,350	9,759	38,726	3,850	6.4	5.1	3.80	2.95	10.06	-	38.6
ANH66YPKMT	14,400	12,381	49,133	4,880	8.3	6.4	4.80	2.95	10.07	-	38.9

Note: 1. Testing Condition : Heating

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

Medium Temp.

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

AN66YQDMTS	10,200	8,772	34,802	4,520	8.00	5.77	4.30	2.26	7.70	-	38.6
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Note: 1. Testing Condition : Medium Temp.

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