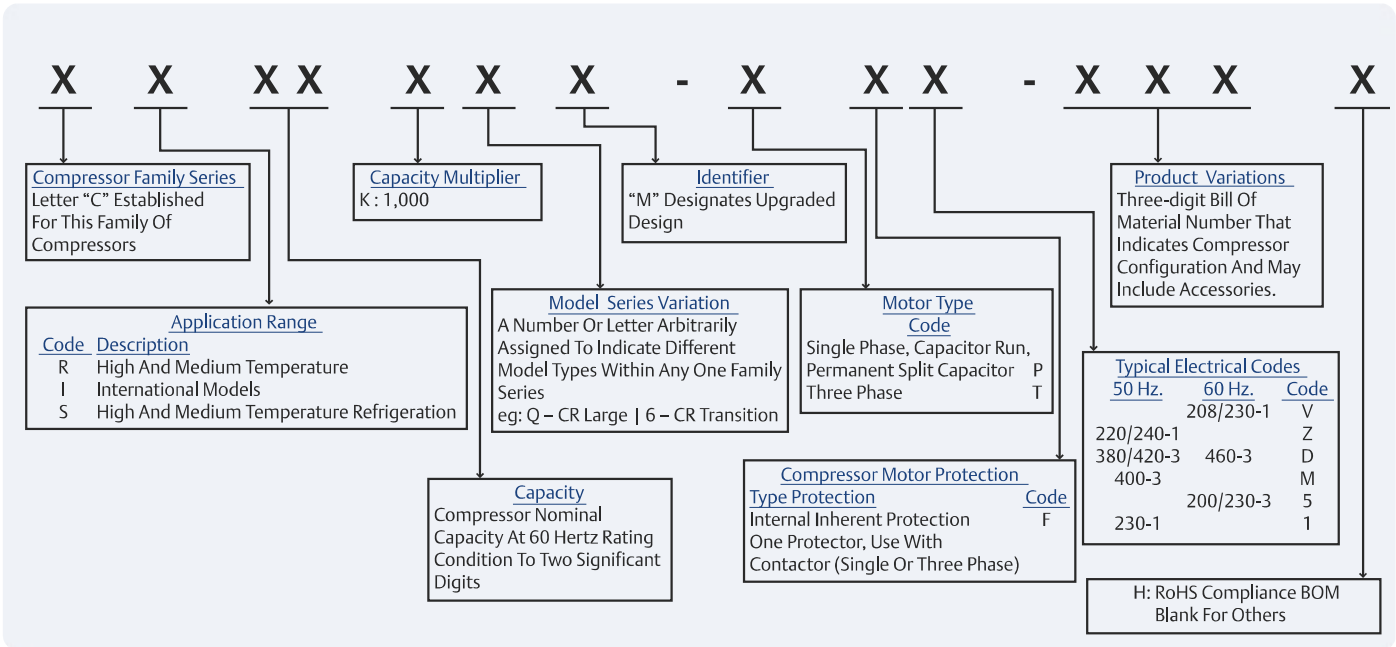




Air-Conditioning Product Catalogue



Nomenclature Details

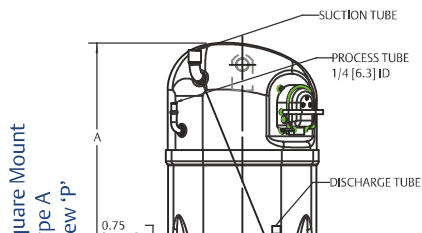
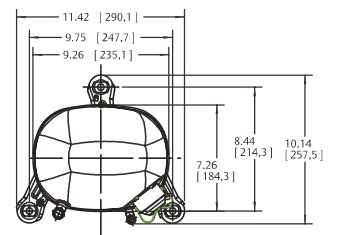
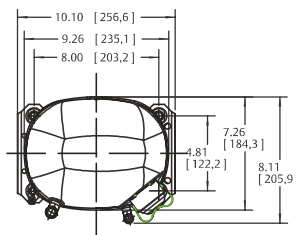
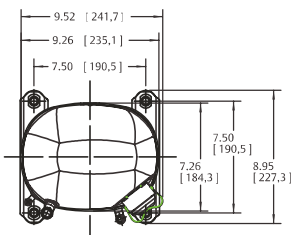


Note : CR Models Are Available With RoHS Compliance, If Indicated At The Time Of Placing Purchase Orders.

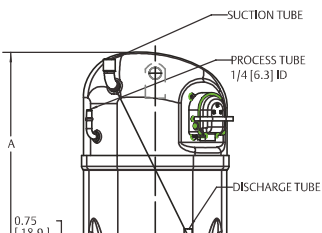
Electrical accessories are not part of compressor BOM. Specified rating electrical accessories with compliance to specific country regulation shall be used.

Mechanical Dimensions for CRK6M

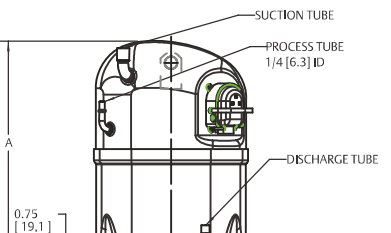
SN	Compressor Model	View	Mount type	Dist 'A'			Suction Tube ID			Discharge Tube ID			SN	Compressor Model	View	Mount type	Dist 'A'			Suction Tube ID			Discharge Tube ID		
				inch	inch	mm	inch	inch	mm	inch	inch	mm					inch	inch	mm	inch	inch	mm			
1	CR20K6M-PFV	P	A	13.35	5/8	15.8	3/8	9.5	20	CR30K6M-PF1	Q	E	14.11	5/8	15.8	3/8	9.5								
2	CR20K6M-PFV	Q	E	13.35	5/8	15.8	3/8	9.5	21	CR30K6M-PF1	R	D	14.11	5/8	15.8	3/8	9.5								
3	CR20K6M-PFV	R	D	13.35	5/8	15.8	3/8	9.5	22	CR30K6M-TFM	P	A	13.59	5/8	15.8	3/8	9.5								
4	CR22K6M-PF1	P	A	13.35	5/8	15.8	3/8	9.5	23	CR32K6M-PFZ	P	A	14.11	5/8	15.8	3/8	9.5								
5	CR22K6M-PF1	Q	E	13.35	5/8	15.8	3/8	9.5	24	CR32K6M-PFZ	Q	E	14.11	5/8	15.8	3/8	9.5								
6	CR22K6M-PF1	R	D	13.35	5/8	15.8	3/8	9.5	25	CR32K6M-PFV	P	A	13.35	5/8	15.8	3/8	9.5								
7	CR22K6M-TFM	P	A	13.59	1/2	12.7	3/8	9.5	26	CR32K6M-PFV	Q	E	13.35	5/8	15.8	3/8	9.5								
8	CR24K6M-PFZ	P	A	13.35	5/8	15.8	3/8	9.5	27	CR34K6M-PFZ	P	A	14.11	3/4	19.1	3/8	9.5								
9	CR24K6M-PFZ	Q	E	13.35	5/8	15.8	3/8	9.5	28	CR34K6M-PFZ	Q	E	14.11	3/4	19.1	3/8	9.5								
10	CR24K6M-PFZ	R	D	13.35	5/8	15.8	3/8	9.5	29	CR34K6M-PFV	P	A	14.11	3/4	19.1	3/8	9.5								
11	CR24K6M-PFV	P	A	13.35	5/8	15.8	3/8	9.5	30	CR34K6M-PFV	Q	E	14.11	3/4	19.1	3/8	9.5								
12	CR24K6M-PFV	Q	E	13.35	5/8	15.8	3/8	9.5	31	CR34K6M-TFD	P	A	13.59	3/4	19.1	3/8	9.5								
13	CR24K6M-PFV	R	D	13.35	5/8	15.8	3/8	9.5	32	CR34K6M-TF5	P	A	13.59	3/4	19.1	3/8	9.5								
14	CR24K6M-TFD	P	A	13.59	5/8	15.8	3/8	9.5	33	CR37K6M-PFZ	P	A	14.11	3/4	19.1	3/8	9.5								
15	CR24K6M-TF5	P	A	13.59	5/8	15.8	3/8	9.5	34	CR37K6M-PFZ	Q	E	14.11	3/4	19.1	3/8	9.5								
16	CR28K6M-PFV	P	A	14.11	3/4	19.1	3/8	9.5	35	CR37K6M-PFV	P	A	14.11	3/4	19.1	3/8	9.5								
17	CR28K6M-PFV	Q	E	14.11	3/4	19.1	3/8	9.5	36	CR37K6M-PFV	Q	E	14.11	3/4	19.1	3/8	9.5								
18	CR28K6M-PFV	R	D	14.11	3/4	19.1	3/8	9.5	37	CR37K6M-TFD	P	A	14.00	3/4	19.1	3/8	9.5								
19	CR30K6M-PF1	P	A	14.11	5/8	15.8	3/8	9.5	38	CR37K6M-TF5	P	A	14.00	3/4	19.1	3/8	9.5								



Rectangular Mount
View 'E'



Rectangular Mount
View 'R'



HCFC-22 Compressor Specifications

Series	Frequency (Hz)	Compressor Model	Cooling Capacity* (Btu/hr)	Input Power (Watts)	EER*	Input Current (Amps)	LRA	Displacement (CC/Rev.)
CRK6M	50Hz	CR22K6M-PF1	18,500	1,750	10.6	7.8	54	40.80
		CR24K6M-PFZ	19,800	1,950	10.2	8.5	54	44.28
		CR24K6M-TFD	19,900	1,975	10.1	3.6	20	44.28
		CR30K6M-PF1	24,250	2,350	10.3	11.0	72	51.47
		CR32K6M-PFZ	27,200	2,720	10.0	13.4	85	57.70
		CR34K6M-PFZ	28,700	2,850	10.1	14.0	85	59.66
		CR34K6M-TFD	28,300	2,830	10.0	5.3	41	59.66
		CR36K6M-PFZ	29,300	2,720	10.8	13.6	85	56.65
		CR36K6M-TFM	29,100	2,680	10.9	4.9	41	59.66
		CR37K6M-TFD	31,200	3,000	10.4	5.6	45	63.52
		CR37K6M-PFZ	30,600	3,060	10.0	16.0	90	63.52
		CR42K6M-TFM	34,200	3,300	10.4	6.1	45	72.09
	CR42K6M-PFZ	34,400	3,300	10.4	15.4	104	72.08	
	60Hz	CR20K6M-PFV	20,000	2,000	10.0	8.5	60	39.35
		CR24K6M-PFV	23,900	2,350	10.2	10.3	60	44.28
		CR24K6M-TFD	23,900	2,300	10.4	3.5	24	44.28
		CR24K6M-TF5	23,300	2,300	10.1	6.8	55	44.28
		CR28K6M-PFV	28,500	2,650	10.8	12.0	80	49.62
		CR32K6M-PFV	32,200	3,280	9.8	15.4	88	57.70
		CR34K6M-PFV	34,300	3,385	10.1	15.8	88	59.66
		CR34K6M-TFD	33,800	3,300	10.2	5.1	45	59.66
		CR34K6M-TF5	33,900	3,300	10.3	10.0	65	59.66
		CR37K6M-PFV	36,800	3,680	10.0	16.8	86	63.52
		CR37K6M-TFD	37,200	3,580	10.4	5.6	45	63.52
CR37K6M-TF5		36,500	3,500	10.4	11.0	68	72.09	
CRKQM	50Hz	CR47KQM-PFZ	40,700	3,950	10.3	20.0	110	82.75
		CR47KQM-TFD	39,700	3,825	10.4	6.9	60	78.78
		CR53KQM-TFD	44,700	4,350	10.3	7.7	61	88.28
		CR57KQM-TFD	47,800	4,650	10.3	8.3	61	94.61
		CR62KQM-TFD	51,500	5,100	10.1	8.8	55	101.92
	60Hz	CR47KQM-PFV	47,500	4,650	10.2	22.0	115	82.74
		CR47KQM-TFD	47,200	4,550	10.4	6.8	51	78.78
		CR47KQM-TF5	45,700	4,420	10.3	13.5	125	78.78
		CR53KQM-TFD	53,000	5,200	10.2	7.5	60	88.28
		CR53KQM-TF5	52,500	5,050	10.4	15.5	135	88.28
		CR57KQM-TFD	57,000	5,550	10.3	8.1	60	94.61
		CR57KQM-TF5	56,500	5,540	10.2	16.2	135	94.61
		CR62KQM-PFV	60,600	6,200	9.8	28.5	155	101.92
		CR62KQM-TFD	61,300	6,075	10.1	8.7	50	101.92
		CR62KQM-TF5	61,300	6,100	10.0	17.5	125	101.92

Performance values declared at rating conditions are subject to +/- 5% tolerance

Rating Conditions	Evaporating Temperature °F/°C	Condensing Temperature °F/°C	Ambient Temperature °F/°C	Liquid Temperature °F/°C	Return Gas Temperature °F/°C
ARI	45/7.2	130/54.4	95/35	115/46.1	65/18.3