

Electric Compressors

Type of Compressors	GEN2 - Top Inverter Series								GEN3 - Axial Inverter Series							GEN3 - Axial Inverter Series R407C Applicable						
	CH18		CH27				CH33		CQ18-24V		CQ18		CQ27-24V		CQ27		CQ34	CQ36	CQ45	CR36	CS40	
Illustrations																						
Displacement (cc)	18CC		27CC				33CC		18CC		18CC		27CC		27CC		34CC	36CC	45CC	36CC	40CC	
Power Supply Voltage (DC)	72V	96V	96V	115V	144V	320V (200-450)	540V (400-750V)	320V (200-450)	24V	48V		24V	48V	80 V	200-500V		400-750V		600-900V		400-750V	400-750V
Signal Voltage (DC)	12V	12V	12V	12V	12V	12/24V	12/24V	12/24V	12V	12V		24V	12V	12V	12V		24V		12V/24V		12V/24V	24V
Control	ON/OFF PWM	ON/OFF PWM	ON/OFF PWM	ON/OFF PWM	ON/OFF PWM	CAN	CAN	CAN	CAN	CAN	PWM	PWM	PWM	PWM	CAN	CAN	CAN	CAN	CAN	CAN	CAN	
Compressor Speed (rpm)	1500 - 5000rpm	1500 - 5000rpm	1000 - 4000rpm	1000 - 4000rpm	1000 - 5500rpm	1000 - 6000rpm	1000 - 6000rpm	1000 - 6000rpm	1000 - 4500rpm	1000 - 5000rpm		1800 - 4500rpm	1000 - 5000rpm	1000 - 5000rpm	800 - 8600rpm	800 - 8600rpm	800 - 8600rpm	2000 - 6000rpm	2000 - 6000rpm	2000 - 6000rpm		
Cooling Performance @ rated condition	3KW (@R134a)	3KW (@R134a)	3KW (@R134a)	3KW (@R134a)	4.1KW (@R134a)	4.7KW (@R134a)	4.7KW (@R134a)	5.8KW (@R134a)	2KW (@R134a)	2KW (@R134a)		3.4KW (@R134a)	3.8KW (@R134a)	3.8KW (@R134a)	7.8KW (@R134a)	8KW (@R134a)	10KW (@R134a)	12KW (@R407C)	22KW (@R410A)			
Refrigerant	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf		R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R134a R1234yf	R407C R134a	R410A R407C			
Compressor Oil Type	POE68	POE68	POE68	POE68	POE68	POE68	POE68	POE68	PAG	POE68		POE68	POE68	POE68	POE68	POE68	POE68	POE68	POE68	POE68		
Compressor Type	CH18D5- 0687	CH18E5- 0688	CH27D4- 1202	CH27E4- 1201	CH27G5- 1057	CH27J6- 9011	CH27M6- 1101	CH33J6-1030	CQ18B4-0200	CQ18C5- 0685	CQ18C5- 0686	CQ27B4-6010	CQ27C5- 0700	CQ27D5- 0900	CQ34K8-0101	CQ36M8-0102	(CQ45)	CR36N6-2012	(CS40)			