

## Performance & dimensions

Application: Low back pressure

Refrigerant: R134a (CF<sub>3</sub>CH<sub>2</sub>F)

Evaporator temp range: -35°C to -5 °C

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - W/W		Capacity		COP - W/W		
		W	kcal/hr	RSIR	RSCR	W	kcal/hr	RSIR	RSCR	
220V 50Hz/60Hz	QB51C99GAX0	128	110	1.14	-	157	135	1.17	-	170V-250V 50Hz 187V-242V 60Hz
	QB57C11GAX0	146	126	1.18	-	175	151	1.22	-	
	QB66C16GAX0	165	142	1.20	-	200	172	1.27	-	
	QB77C18GAX0	202	174	1.21	-	224	193	1.27	-	
	QB91C24GAX0	236	203	1.19	-	255	219	1.22	-	
220V 50Hz	QB66C13GAX5	165	142	1.19	-					170V-250V
	QB73C15GAX5	185	159	1.19	-					
	QB77C16GAX5	202	174	1.22	-					
	QB91C19GAX5	236	203	1.25	-					

Rated voltage / Frequency	Model	ASHRAE								Voltage range
		50Hz				60Hz				
		Capacity		COP - W/W		Capacity		COP - W/W		
		W	kcal/hr	CSIR	RSCR	W	kcal/hr	CSIR	RSCR	
220V 50z/60Hz	QB110C25CAX0	273	235	1.18	-	279	240	1.19	-	170V-250V 50Hz 198V-242V 60Hz

Condition	ASHRAE
Condensing temperature:	54.4 °C
Evaporating temperature:	-23.3 °C
Gas superheated to:	32.2 °C
Liquid subcooled to:	32.2 °C
Ambient temperature:	32.2 °C

Notes: All data covered by this catalogue are given as general information only.

Since we are constantly improving our products, as the specifications and availability are subject to change without notice

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### Appearance - representative

Rated voltage / Frequency	Model		Dimension -mm			Mount				
	Name	Cooling type	A	B	C	Dia.-mm	Pitch-mm			
220V 50Hz/60Hz	QB51C99GAX0	ST/FC	184.6	195.2	186.6	Ø16 * 4 Ø19 * 4	70 * 170 101.6 * 165.1			
	QB57C11GAX0	ST/FC								
	QB66C16GAX0	ST/FC	184.6	215	206.4					
	QB77C18GAX0	FC								
	QB91C24GAX0	FC								
	QB110C25CAX0	FC								
	QB66C16GAX0	OC	184.6	221	212.4					
	QB77C18GAX0	OC								
	QB91C24GAX0	OC								
	QB110C25CAX0	OC								
	220V 50Hz	QB66C13GAX5	ST	184.6	195.2			186.6	Ø16 * 4 Ø19 * 4	70 * 170 101.6 * 165.1
		QB73C15GAX5	ST	184.6	215			206.4		
QB73C15GAX5		OC	184.6	221	212.4					
QB77C16GAX5		OC								
QB91C19GAX5		OC								

Note) Compressor cooling: ST = Static cooling, FC = Fan cooling, OC = Oil cooling

### Tube dimension - representative

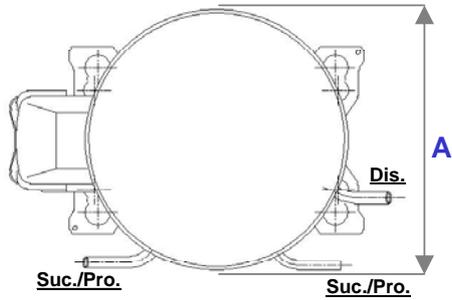
Rated voltage / Frequency	ID / OD -mm				Location of Suction tube
	Dis.	Suc.	Pro.	Oil cooler	
220V 50Hz/60Hz	4.9 / 7.0	6.5 / 8.3	6.5 / 8.3	4.9 / 7.0	Either side
220V 50Hz	4.9 / 7.0	6.5 / 8.3	6.5 / 8.3	4.9 / 7.0	Either side

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Static / Fan cooling



Oil cooling

