

### Operating Voltage Range / Testing Conditions

#### OPERATING VOLTAGE RANGE

For 100V 50/60Hz	90V~110V
For 110V 60Hz	88V~121V, 90V~110V, 99V~121V, 90V~121V
For 110/127V 60Hz	-
For 115V 60Hz	103V~127V
For 200V 50Hz	-
For 200V 50/60Hz	-
For 220V 50Hz	170V~250V
For 220-230V 50Hz	-
For 220-240V 50Hz	187V~264V, 198V~264V
For 230-240V 50Hz	207V~264V
For 220V 50/60Hz	170V~250V, 198V~242V
For 220V 60Hz	170V~250V
For 240V 50Hz	-

#### TESTING CONDITIONS

LOW BACK PRESSURE	AHAM	ASHRAE	CECOMAF
Condensing Temperature	40.6 °C	54.4 °C	55.0 °C
Evaporating Temperature	-23.3 °C	-23.3 °C	-25.0 °C
Gas Superheated to	32.2 °C	32.2 °C	32.0 °C
Liquid Subcooled to	32.2 °C	32.2 °C	32.0 °C
Ambient Temperature	32.2 °C	32.2 °C	32.0 °C

HIGH BACK PRESSURE	AHAM	ASHRAE	CECOMAF
Condensing Temperature	-	54.4 °C	-
Evaporating Temperature	-	7.2 °C	-
Gas Superheated to	-	35.0 °C	-
Liquid Subcooled to	-	46.1 °C	-
Ambient Temperature	-	35.0 °C	-

Notes: All data covered by this catalogue are given as general information only.  
The product specifications and availability are subjected to change without notice.

### Dimensions

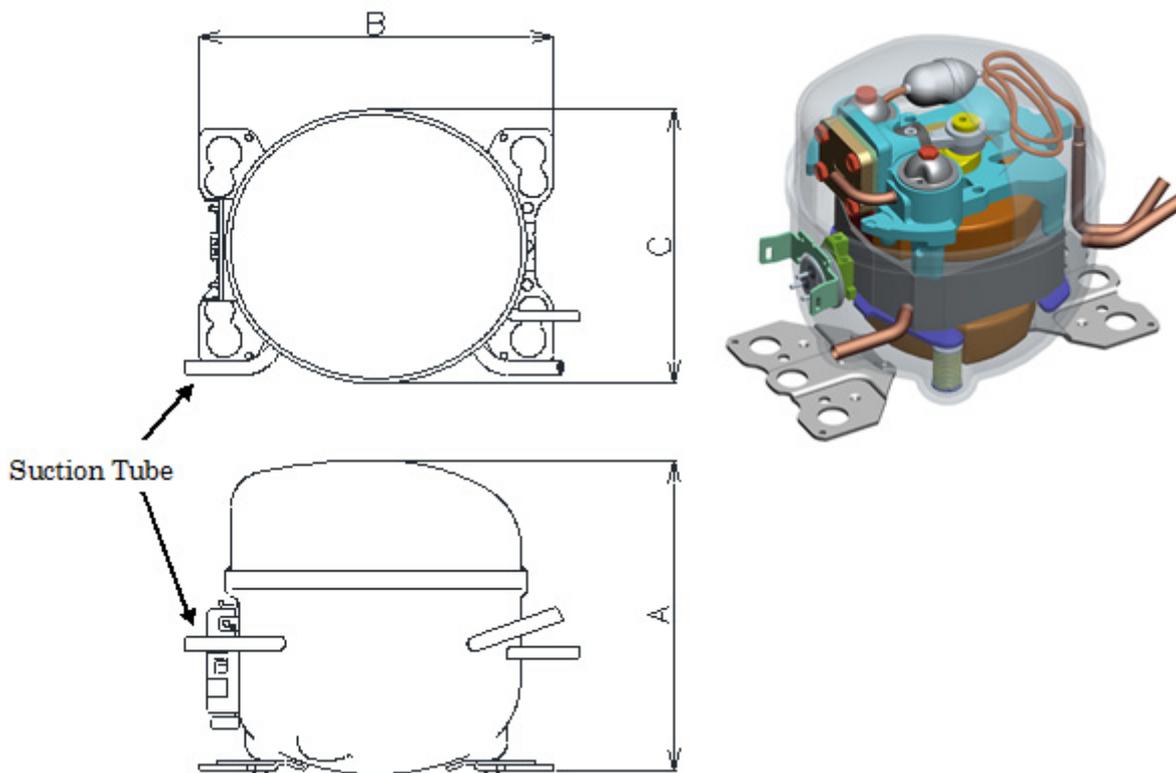
#### SB-SERIES

Appearance (Representative)

Rated Voltage / Frequency	Dimension (mm)			Mount	
	A	B	C	Dia. (mm)	Pitch (mm)
As indicated in the earlier table	170	192	150	Ø19 * 4	102 * 165
				Ø16 * 4	70 * 170

Tube Dimension (Representative)

Rated Voltage / Frequency	ID / OD (mm)			Location of Suction Tube
	Discharge	Suction	Process	
As indicated in the earlier table	4.9 / 7.0	6.5 / 7.94	6.5 / 7.94	Left Side



### Dimensions

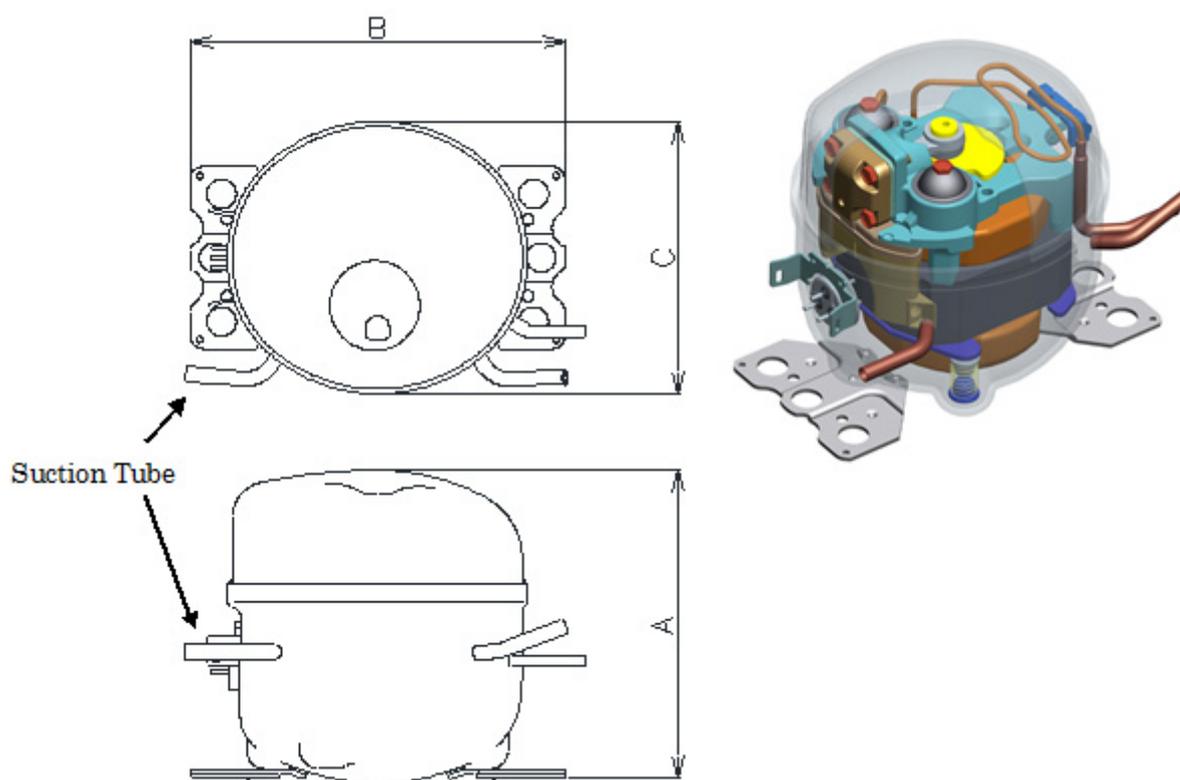
#### SF / SH / SJ-SERIES

Appearance (Representative)

Rated Voltage / Frequency	Dimension (mm)			Mount	
	A	B	C	Dia. (mm)	Pitch (mm)
As indicated in the earlier table	170	204	150	Ø16 * 6	70 * 170

Tube Dimension (Representative)

Rated Voltage / Frequency	ID / OD (mm)			Location of Suction Tube
	Discharge	Suction	Process	
As indicated in the earlier table	4.9 / 7.0	6.5 / 7.94	6.5 / 7.94	Left Side



Notes: All data covered by this catalogue are given as general information only.  
The product specifications and availability are subjected to change without notice.

### Operating Voltage Range / Testing Conditions

#### OPERATING VOLTAGE RANGE

For 100V 50/60Hz	90V~110V
For 110V 60Hz	88V~121V, 90V~110V, 99V~121V, 90V~121V
For 110/127V 60Hz	99V~140V
For 115V 60Hz	103V~127V
For 200V 50Hz	180V~242V
For 200V 50/60Hz	180V~220V
For 220V 50Hz	170V~250V, 187V~250V
For 220-230V 50Hz	198V~253V
For 220/240V 50Hz	187V~264V, 198V~264V
For 230/240V 50Hz	187V~255V, 195V~264V, 198V~255V, 207V~264V
For 220V 50/60Hz	170V~250V, 198V~242V
For 220V 60Hz	170V~250V
For 240V 50Hz	216V~264V

#### TESTING CONDITIONS

LOW BACK PRESSURE	AHAM	ASHRAE	CECOMAF
Condensing Temperature	40.6 °C	54.4 °C	55.0 °C
Evaporating Temperature	-23.3 °C	-23.3 °C	-25.0 °C
Gas Superheated to	32.2 °C	32.2 °C	32.0 °C
Liquid Subcooled to	32.2 °C	32.2 °C	32.0 °C
Ambient Temperature	32.2 °C	32.2 °C	32.0 °C

HIGH BACK PRESSURE	AHAM	ASHRAE	CECOMAF
Condensing Temperature	-	54.4 °C	-
Evaporating Temperature	-	7.2 °C	-
Gas Superheated to	-	35.0 °C	-
Liquid Subcooled to	-	46.1 °C	-
Ambient Temperature	-	35.0 °C	-

Notes: All data covered by this catalogue are given as general information only.  
The product specifications and availability are subjected to change without notice.

### Dimensions

#### D-SERIES

Appearance (Representative)

Rated Voltage / Frequency	Dimension (mm)			Mount	
	A	B	C	Dia. (mm)	Pitch (mm)
As indicated in the earlier table	196	204	184	Ø16 * 6	70 * 170

Tube Dimension (Representative)

Rated Voltage / Frequency	ID / OD (mm)			Location of Suction Tube
	Discharge	Suction	Process	
As indicated in the earlier table	5.1 / 7.0	6.2 / 7.94	6.2 / 7.94	Right Side

