

Specifications

Table 1: Capacity Data

System Indoor + Outdoor	Cooling capacities in kW at 32°C ambient temperature ⁽¹⁾							
	4°C ⁽²⁾	6°C	8°C	10°C	12°C	12.7°C	14°C	16°C
JCC3-25E + J6LC26CV1	2.41	2.50	2.59	2.67	2.76	2.79	2.85	2.94
JCC3-40E + J6LC41CV1	3.47	3.62	3.76	3.91	4.06	4.11	4.20	4.35
JCC3-55E + J6LC56CV1	4.63	4.87	5.10	5.33	5.56	5.64	5.79	6.03

Notes:

(1) Cooling capacity rated at standard pipe length 7.6m.

(2) Room temperature of +4 °C is only applicable with pipe lengths not more than 15m.

Table 2: System Data

Unit Model	Cooling Capacity kW ⁽²⁾	System Pipe Sizes		Maximum Pipe Run ⁽³⁾		Unit Airflows	Indoor Air throw ⁽⁴⁾	Noise Levels ⁽¹⁾	Recommended base charge		Additional charge ⁽⁶⁾
		Liquid	Gas	Length	Rise				R448A/R449A		
JCC3-25E	2.79					m ³ /h	m	dB(A)	kg	TCO ₂	g/m
J6LC26CV1		1/4"	1/2"	25m	5m	2560	8	48	n/a	n/a	n/a
J6LC26CV1						2070	n/a	26	1.30	1.80	12
JCC3-40E	4.11					2270	8	48	n/a	n/a	n/a
J6LC41CV1		1/4"	1/2"	25m	8m	2225	n/a	26	1.75	2.43	6
JCC3-55E	5.64					2475	8	45	n/a	n/a	n/a
J6LC56CV1		1/4"	5/8"	25m	8m	2984	n/a	31	2.20	3.05	15

Notes:

(1) Noise levels are sound pressure levels @ 10m free field

(2) Cooling capacities are nominal duties @ 12.7°C DB / 10°C WB and 32°C ambient

(3) The pipe length has include the rise (the rise indicated is not an additional to the length).

(4) Indoor unit air throw distance is based on final air velocity of 0.4m/s.

(5) For piping exceeds 15m, fan speed controller is recommended to be installed in outdoor unit.

(6) An additional charge is required for pipe lengths more than 7.6m.



NOTICE

For applications where:

- Back-to-back installation, at least 1.5-meter pipe run with loop (to damp vibration) is required to avoid sound of outdoor unit transferred to indoor unit via connecting pipe.
- The system pipe run **exceeds 15m** up to the maximum of 25m, a fan speed controller (not supplied as standard) is recommended to be fitted to the condensing unit. Refer **Section Fan Speed Controller** for details. This is to eliminate too low evaporating temperature which cause formation of thick frost on evaporator coil.

Table 3: Unit Dimensions and Weights

Model	Unit Dimensions (mm)			Fixing Centres (mm)		Unit Weights	Packing Dimensions (mm)			Packing Weights
	Width ⁽²⁾	Depth	Height	Width	Depth		Width	Depth	Height	
JCC3-25E	865	372 ⁽¹⁾	489	745	n/a	31	968	534	517	37
J6LC26CV1	855	328	651	603	362	38	990	415	693	41
JCC3-40E	865	372 ⁽¹⁾	489	745	n/a	33	968	534	517	39
J6LC41CV1	855	328	651	603	362	42	990	415	693	46
JCC3-55E	904	370 ⁽¹⁾	546	826	n/a	38	1006	534	576	45
J6LC56CV1	855	328	753	603	362	46	990	415	793	50

Notes:

(1) Unit depth does not include fan motor depth - add 120mm

(2) Unit width does not include pipe services - add approximately 70mm