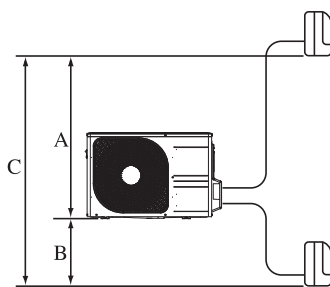


4. RANGE OF USAGE & LIMITATIONS

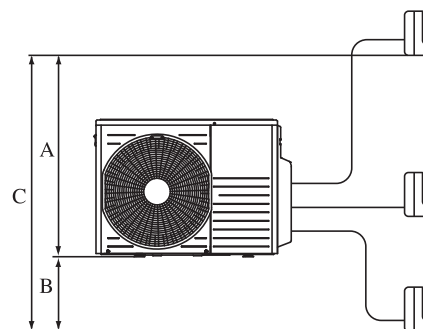
Models SCM40, 45, 50, 60

Item		Model	SCM40ZS-W	SCM45ZS-W	SCM50ZS-W	SCM60ZS-W
Indoor intake air temperature (Upper, lower limits)	Cooling	Approximately 18 to 32°C				
	Heating	Approximately 15 to 30°C				
Outdoor air temperature (Upper, lower limits)	Cooling	Approximately -15 to 46°C				
	Heating	Approximately -15 to 24°C				
Indoor units that can be used in combination	Number of connected units	2 units			2 to 3 units	
	Total of indoor units (class kW)	4.0–6.0kW	4.5–7.0kW	5.0–8.5kW	6.0–11.0kW	
Total length for all rooms		Max. 30m			Max. 40m	
Length for one indoor unit		Max. 25m				
Difference in height between indoor and outdoor units	When indoor unit is above outdoor unit (A)	Max. 15m				
	When indoor unit is below outdoor unit (B)	Max. 15m				
Difference in height between indoor units (C)		Max. 25m				
Compressor stop/start frequency	1 cycle time	6 min. or more (from stop to stop or from start to start)			8 min. or more (from stop to stop or from start to start)	
	Stop time	3 min or more				
Power source voltage	Voltage fluctuation	Within $\pm 10\%$ of rated voltage				
	Voltage drop during start	Within $\pm 15\%$ of rated voltage				
	Interval unbalance	Within $\pm 3\%$ of rated voltage				
Power cable length		18m ⁽¹⁾			17m ⁽¹⁾	

Note(1) The cable specifications are based on the assumption that a metal or plastic conduit is used with no more than three cables contained in a conduit and a voltage drop is 2%. For an installation falling outside of these conditions, please follow the internal cabling regulations. Adapt it to the regulation in effect in each country.



SCM40,45ZS-W



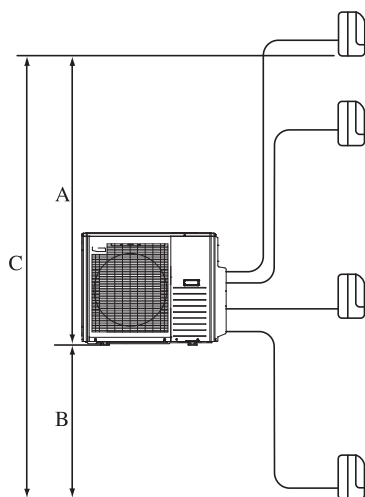
SCM50, 60ZS-W

Models SCM71, 80, 100

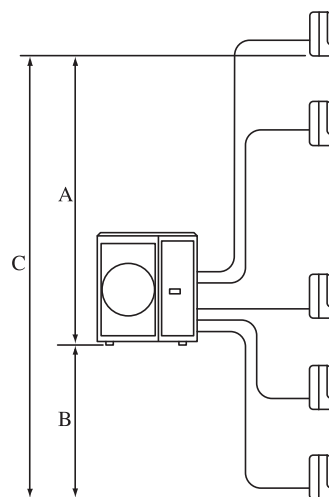
Item		Model	SCM71ZS-W	SCM80ZS-W	SCM100ZS-W
Indoor intake air temperature (Upper, lower limits)	Cooling	Approximately 18 to 32°C			
	Heating	Approximately 15 to 30°C			
Outdoor air temperature (Upper, lower limits)	Cooling	Approximately -15 to 46°C			
	Heating	Approximately -15 to 24°C			
Indoor units that can be used in combination	Number of connected units	2 to 4 units		2 to 5 units (Include combination limitation ⁽²⁾)	
	Total of indoor units (class kW)	7.0-12.5kW	8.0-13.5kW	9.0-16.0kW	
Total length for all rooms		Max. 70m		Max. 75m	
Length for one indoor unit		Max. 25m			
Difference in height between indoor and outdoor units	When indoor unit is above outdoor unit (A)	Max. 20m			
	When indoor unit is below outdoor unit (B)	Max. 20m			
Difference in height between indoor units (C)		Max. 25m			
Compressor stop/start frequency	1 cycle time	8 min. or more (from stop to stop or from start to start)			
	Stop time	3 min. or more			
Power source voltage	Voltage fluctuation	Within ±10% of rated voltage			
	Voltage drop during start	Within ±15% of rated voltage			
	Interval unbalance	Within ±3% of rated voltage			
Power cable length		32m ⁽¹⁾			

Note(1) The cable specifications are based on the assumption that a metal or plastic conduit is used with no more than three cables contained in a conduit and a voltage drop is 2%. For an installation falling outside of these conditions, please follow the internal cabling regulations. Adapt it to the regulation in effect in each country.

(2) Regarding to combination limitation, refer to clause 1.5 (1)(d)(ii) Combination limitation of connected indoor units.



SCM71,80ZS-W



SCM100ZS-W