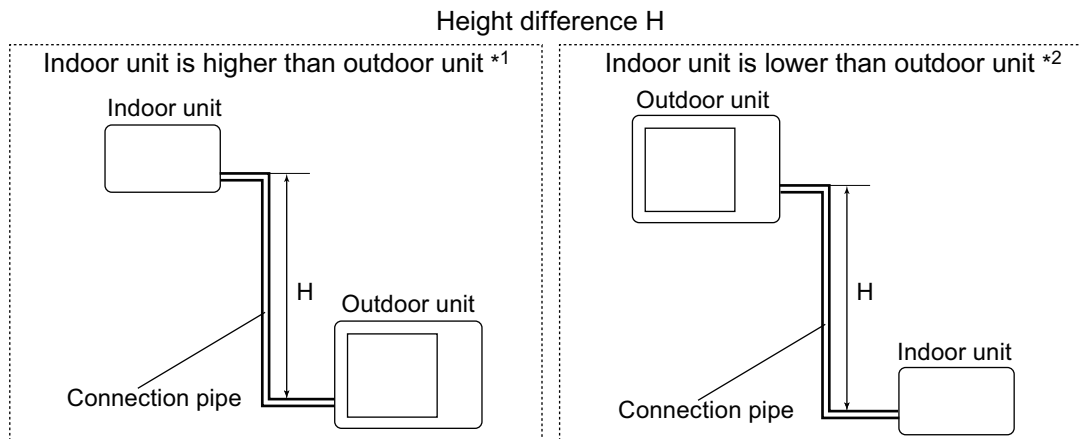


7. Capacity compensation rate for pipe length and height difference



7-1. Model: AOYG45LBLA6

NOTE: Values mentioned in the table are calculated based on the maximum capacity.

■ Indoor unit: 7,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.955	0.941	0.927
		10	—	—	0.976	0.962	0.949	0.935
		7.5	—	0.988	0.980	0.966	0.952	0.939
		5	0.992	0.992	0.984	0.970	0.956	0.942
		0	1.000	1.000	0.992	0.978	0.964	0.950
	Indoor unit is lower than outdoor unit *2	-5	1.000	1.000	0.992	0.978	0.964	0.950
		-7.5	—	1.000	0.992	0.978	0.964	0.950
		-10	—	—	0.992	0.978	0.964	0.950
		-15	—	—	—	0.978	0.964	0.950

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.976	0.957	0.938
		10	—	—	0.991	0.976	0.957	0.938
		7.5	—	1.000	0.991	0.976	0.957	0.938
		5	1.000	1.000	0.991	0.976	0.957	0.938
		0	1.000	1.000	0.991	0.976	0.957	0.938
	Indoor unit is lower than outdoor unit *2	-5	0.995	0.995	0.986	0.971	0.952	0.933
		-7.5	—	0.993	0.984	0.969	0.950	0.931
		-10	—	—	0.981	0.966	0.947	0.929
		-15	—	—	—	0.961	0.943	0.924

■ Indoor unit: 9,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.956	0.942	0.928
		10	—	—	0.977	0.963	0.950	0.936
		7.5	—	0.988	0.981	0.967	0.954	0.940
		5	0.992	0.992	0.985	0.971	0.957	0.943
		0	1.000	1.000	0.993	0.979	0.965	0.951
	Indoor unit is lower than outdoor unit *2	-5	1.000	1.000	0.993	0.979	0.965	0.951
		-7.5	—	1.000	0.993	0.979	0.965	0.951
		-10	—	—	0.993	0.979	0.965	0.951
		-15	—	—	—	0.979	0.965	0.951

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.977	0.958	0.939
		10	—	—	0.993	0.977	0.958	0.939
		7.5	—	1.000	0.993	0.977	0.958	0.939
		5	1.000	1.000	0.993	0.977	0.958	0.939
		0	1.000	1.000	0.993	0.977	0.958	0.939
	Indoor unit is lower than outdoor unit *2	-5	0.995	0.995	0.988	0.972	0.954	0.934
		-7.5	—	0.993	0.986	0.970	0.952	0.932
		-10	—	—	0.983	0.967	0.949	0.930
		-15	—	—	—	0.962	0.944	0.925

■ Indoor unit: 12,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.937	0.912	0.888
		10	—	—	0.970	0.944	0.919	0.896
		7.5	—	0.988	0.974	0.948	0.923	0.899
		5	0.992	0.992	0.978	0.952	0.927	0.903
		0	1.000	1.000	0.986	0.960	0.934	0.910
	Indoor unit is lower than outdoor unit *2	-5	1.000	1.000	0.986	0.960	0.934	0.910
		-7.5	—	1.000	0.986	0.960	0.934	0.910
		-10	—	—	0.986	0.960	0.934	0.910
		-15	—	—	—	0.960	0.934	0.910

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.977	0.958	0.938
		10	—	—	0.993	0.977	0.958	0.938
		7.5	—	1.000	0.993	0.977	0.958	0.938
		5	1.000	1.000	0.993	0.977	0.958	0.938
		0	1.000	1.000	0.993	0.977	0.958	0.938
	Indoor unit is lower than outdoor unit *2	-5	0.995	0.995	0.988	0.972	0.953	0.933
		-7.5	—	0.993	0.986	0.970	0.952	0.932
		-10	—	—	0.983	0.967	0.949	0.929
		-15	—	—	—	0.962	0.944	0.924

Indoor unit: 14,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.955	0.937	0.922
		10	—	—	0.974	0.962	0.945	0.930
		7.5	—	0.988	0.978	0.966	0.948	0.934
		5	0.992	0.992	0.982	0.970	0.952	0.937
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.990	0.978	0.960	0.945
		-5	1.000	1.000	0.990	0.978	0.960	0.945
		-7.5	—	1.000	0.990	0.978	0.960	0.945
		-10	—	—	0.990	0.978	0.960	0.945
		-15	—	—	—	0.978	0.960	0.945

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.972	0.945	0.919
		10	—	—	0.992	0.972	0.945	0.919
		7.5	—	1.000	0.992	0.972	0.945	0.919
		5	1.000	1.000	0.992	0.972	0.945	0.919
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.992	0.972	0.945	0.919
		-5	0.995	0.995	0.987	0.967	0.940	0.914
		-7.5	—	0.993	0.985	0.965	0.938	0.912
		-10	—	—	0.982	0.962	0.935	0.910
		-15	—	—	—	0.957	0.930	0.905

Indoor unit: 18,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.968	0.961	0.954
		10	—	—	0.982	0.976	0.969	0.962
		7.5	—	0.988	0.986	0.980	0.973	0.966
		5	0.992	0.992	0.990	0.984	0.977	0.970
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.998	0.992	0.985	0.978
		-5	1.000	1.000	0.998	0.992	0.985	0.978
		-7.5	—	1.000	0.998	0.992	0.985	0.978
		-10	—	—	0.998	0.992	0.985	0.978
		-15	—	—	—	0.992	0.985	0.978

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.967	0.943	0.917
		10	—	—	0.990	0.967	0.943	0.917
		7.5	—	1.000	0.990	0.967	0.943	0.917
		5	1.000	1.000	0.990	0.967	0.943	0.917
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.990	0.967	0.943	0.917
		-5	0.995	0.995	0.985	0.962	0.938	0.912
		-7.5	—	0.993	0.983	0.960	0.936	0.910
		-10	—	—	0.980	0.958	0.933	0.908
		-15	—	—	—	0.953	0.929	0.903

■ Indoor unit: 24,000 Btu

COOLING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.978	0.969	0.953
		10	—	—	0.986	0.986	0.977	0.961
		7.5	—	0.988	0.990	0.990	0.981	0.965
		5	0.992	0.992	0.994	0.994	0.984	0.968
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	1.002	1.002	0.992	0.976
		-5	1.000	1.000	1.002	1.002	0.992	0.976
		-7.5	—	1.000	1.002	1.002	0.992	0.976
		-10	—	—	1.002	1.002	0.992	0.976
		-15	—	—	—	1.002	0.992	0.976

HEATING		Pipe length						
		m	5	7.5	10	15	20	25
Height difference H (m)	Indoor unit is higher than outdoor unit *1	15	—	—	—	0.964	0.939	0.913
		10	—	—	0.988	0.964	0.939	0.913
		7.5	—	1.000	0.988	0.964	0.939	0.913
		5	1.000	1.000	0.988	0.964	0.939	0.913
	Indoor unit is lower than outdoor unit *2	0	1.000	1.000	0.988	0.964	0.939	0.913
		-5	0.995	0.995	0.983	0.959	0.934	0.909
		-7.5	—	0.993	0.981	0.957	0.932	0.907
		-10	—	—	0.978	0.954	0.929	0.904
		-15	—	—	—	0.949	0.925	0.899

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