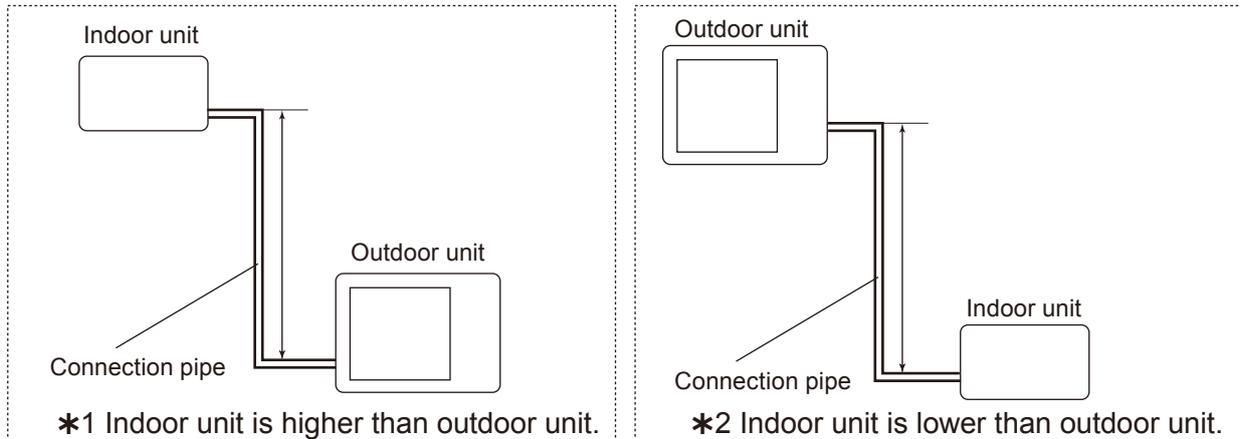


5. CAPACITY COMPENSATION RATE FOR PIPE LENGTH AND HEIGHT DIFFERENCE

Height difference H



MODEL: AO*G36LB

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

COOLING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.912	0.893	0.875	0.857	0.823
		20	-	-	-	0.945	0.927	0.908	0.890	0.872	0.837
		10	-	-	0.980	0.961	0.942	0.923	0.905	0.886	0.851
		7.5	-	0.988	0.984	0.965	0.946	0.927	0.908	0.890	0.854
		5	0.992	0.992	0.988	0.969	0.950	0.931	0.912	0.893	0.858
	*2 Indoor unit is lower than outdoor unit.	0	1.000	1.000	0.996	0.977	0.958	0.939	0.920	0.901	0.865
		-5	1.000	1.000	0.996	0.977	0.958	0.939	0.920	0.901	0.865
		-7.5	-	1.000	0.996	0.977	0.958	0.939	0.920	0.901	0.865
		-10	-	-	0.996	0.977	0.958	0.939	0.920	0.901	0.865
		-20	-	-	-	0.977	0.958	0.939	0.920	0.901	0.865
		-30	-	-	-	-	0.958	0.939	0.920	0.901	0.865

HEATING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.978	0.968	0.958	0.948	0.935
		20	-	-	-	0.988	0.978	0.968	0.958	0.948	0.935
		10	-	-	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		7.5	-	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		5	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
	*2 Indoor unit is lower than outdoor unit.	0	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		-5	0.995	0.995	0.993	0.983	0.973	0.963	0.953	0.943	0.930
		-7.5	-	0.993	0.990	0.980	0.970	0.960	0.950	0.940	0.928
		-10	-	-	0.988	0.978	0.968	0.958	0.948	0.938	0.926
		-20	-	-	-	0.968	0.958	0.948	0.938	0.929	0.916
		-30	-	-	-	-	0.948	0.939	0.929	0.919	0.907

OUTDOOR UNIT

OUTDOOR UNIT

MODEL: AO*G45LB

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

COOLING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.879	0.847	0.814	0.782	0.743
		20	-	-	-	0.927	0.894	0.861	0.828	0.795	0.755
		10	-	-	0.975	0.942	0.909	0.875	0.842	0.808	0.768
		7.5	-	0.988	0.979	0.946	0.912	0.879	0.845	0.811	0.771
		5	0.992	0.992	0.983	0.950	0.916	0.882	0.848	0.815	0.774
	0	1.000	1.000	0.991	0.957	0.923	0.889	0.855	0.821	0.780	
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.991	0.957	0.923	0.889	0.855	0.821	0.780
		-7.5	-	1.000	0.991	0.957	0.923	0.889	0.855	0.821	0.780
		-10	-	-	0.991	0.957	0.923	0.889	0.855	0.821	0.780
		-20	-	-	-	0.957	0.923	0.889	0.855	0.821	0.780
		-30	-	-	-	-	0.923	0.889	0.855	0.821	0.780

HEATING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.978	0.968	0.958	0.948	0.935
		20	-	-	-	0.988	0.978	0.968	0.958	0.948	0.935
		10	-	-	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		7.5	-	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		5	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
	0	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935	
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.993	0.983	0.973	0.963	0.953	0.943	0.930
		-7.5	-	0.993	0.990	0.980	0.970	0.960	0.950	0.940	0.928
		-10	-	-	0.988	0.978	0.968	0.958	0.948	0.938	0.926
		-20	-	-	-	0.968	0.958	0.948	0.938	0.929	0.916
		-30	-	-	-	-	0.948	0.939	0.929	0.919	0.907

MODEL: AO*G54LB

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

COOLING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.871	0.837	0.803	0.768	0.717
		20	-	-	-	0.921	0.886	0.851	0.816	0.781	0.729
		10	-	-	0.971	0.936	0.901	0.865	0.830	0.794	0.741
		7.5	-	0.988	0.975	0.940	0.904	0.869	0.833	0.798	0.744
		5	0.992	0.992	0.979	0.944	0.908	0.872	0.836	0.801	0.747
	0	1.000	1.000	0.987	0.951	0.915	0.879	0.843	0.807	0.753	
	*2 Indoor unit is lower than outdoor unit	-5	1.000	1.000	0.987	0.951	0.915	0.879	0.843	0.807	0.753
		-7.5	-	1.000	0.987	0.951	0.915	0.879	0.843	0.807	0.753
		-10	-	-	0.971	0.951	0.915	0.879	0.843	0.807	0.753
		-20	-	-	-	0.951	0.915	0.879	0.843	0.807	0.753
		-30	-	-	-	-	0.915	0.879	0.843	0.807	0.753

HEATING			Pipe length (m)								
			5	7.5	10	20	30	40	50	60	75
Height difference H (m)	*1 Indoor unit is higher than outdoor unit.	30	-	-	-	-	0.978	0.968	0.958	0.948	0.935
		20	-	-	-	0.988	0.978	0.968	0.958	0.948	0.935
		10	-	-	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		7.5	-	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
		5	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935
	0	1.000	1.000	0.998	0.988	0.978	0.968	0.958	0.948	0.935	
	*2 Indoor unit is lower than outdoor unit	-5	0.995	0.995	0.993	0.983	0.973	0.963	0.953	0.943	0.930
		-7.5	-	0.993	0.990	0.980	0.970	0.960	0.950	0.940	0.928
		-10	-	-	0.988	0.978	0.968	0.958	0.948	0.938	0.926
		-20	-	-	-	0.968	0.958	0.948	0.938	0.929	0.916
		-30	-	-	-	-	0.948	0.939	0.929	0.919	0.907