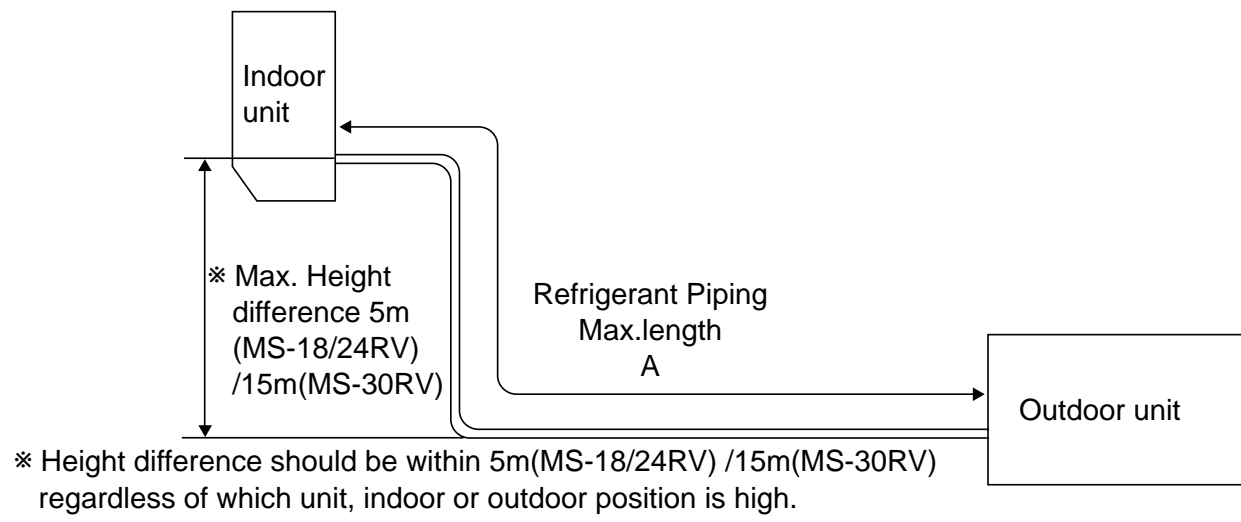


MAX. REFRIGERANT PIPING LENGTH

Model	Refrigerant piping Max. length : m A	Piping size O.D : mm		Length of connecting pipe : m	
		Gas	Liquid	Indoor unit	Outdoor unit
MS-18RV - E1 MU-18RV - E1	15	15.88	6.35	Gas 0.43 Liquid 0.5	Gas 0 Liquid 0
MS-24RV - E1 MU-24RV - E1			9.52		
MS-30RV - E1 MU-30RV - E1	30				

MAX. HEIGHT DIFFERENCE



ADDITIONAL REFRIGERANT CHARGE(R22 : g)

Model	Outdoor unit precharged	Refrigerant piping length (one way)		
		7m	10m	15m
MS-18RV - E1 MU-18RV - E1	1,050	0	45	120
MS-24RV - E1 MU-24RV - E1	2,150			

Calculation : $Xg=15g/m \times (\text{Refrigerant piping length (m)}-7)$

Model	Outdoor unit precharged	Refrigerant piping length (one way)					
		7m	10m	15m	20m	25m	30m
MS-30RV - E1 MU-30RV - E1	2,400	0	45	120	195	270	345

Calculation : $Xg=15g/m \times (\text{Refrigerant piping length(m)}-7)$