

8.3 Pipe length and the elevation

Maximum piping length and height difference

	1 drive 2	1 drive 3	1 drive 4	1 drive 5
Max. length for all rooms (m)	40	60	80	80
Max. length for one IU (m)	25	30	35	35
Max. height difference between IU and OU (m)	15	15	15	15
Max. height difference between IUs (m)	10	10	10	10

Additional refrigerant charge

	1 drive 2	1 drive 3	1 drive 4	1 drive 5
Chargeless pipe length (m)	15	22.5	30	37.5
Additional refrigerant charge (g)	12 x (length for all rooms - 15)	12 x (length for all rooms - 22.5)	12 x (length for all rooms - 30)	12 x (length for all rooms - 37.5)