

Question:

What is the correct pipe size for a given pipe run?

COOLING ONLY PIPE SIZES

Outdoor Unit Size MCU(+)	Maximum length of equivalent suction line pipe sizes (metres)							Expansion Lines			Liquid Lines				Outdoor Unit Size CU(X)
	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$1\frac{1}{8}$ "	$1\frac{3}{8}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	
15*	7.5	50						50			21				
20*		50						50			21				90
30*		12	38	80				50	80		21	45			120
40*		8	23	80				7.5	80			45			150
50			18	50	80			7.5	50	80		21	45		180
60			15	45	80			7.5	50	80		21	45		240
80			12	34	80			7.5	50	80		21	45		260
90			7.5	18	39	80			7.5	80		21	45		320
100				15	31	80			7.5	80			21	45	380
130				10	20	80			7.5	80			21	45	460
150				7.5	15	50	80		7.5	80			21	45	540
165				7.5	15	50	80		7.5	80					
180				7.5	15	50	80		7.5	80					
200				7.5	15	50	80		7.5	80					

*Units with rotary compressors should not be used on pipe runs exceeding 15m