

# S (Heat Pump) series Y (Heat Pump) series Cooling or Heating



S series — [ PUMY-P VKM(-BS)  
PUMY-P YKM(-BS)

Y series — [ PUHY-P YJM-A(-BS)  
PUHY-P YSJM-A(-BS)

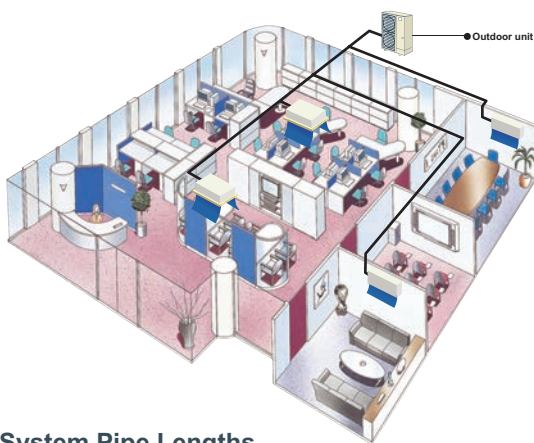
PUHY-EP YJM-A(-BS)  
PUHY-EP YSJM-A(1)(-BS)

## The two-pipe zoned system designed for Heat Pump Operation

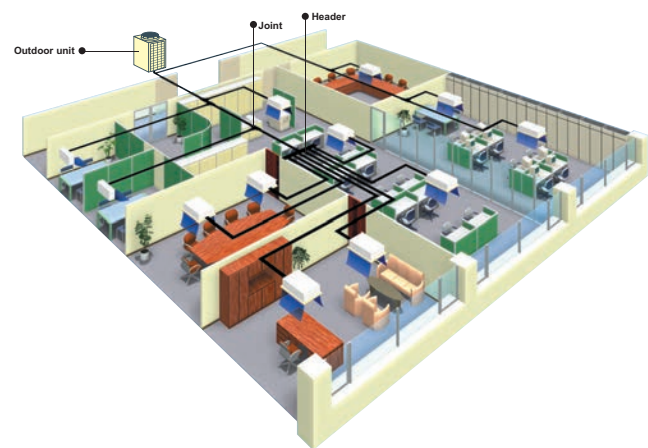
The CITY MULTI S series (for small applications) and Y series (for large applications) make use of a two-pipe refrigerant system, which allows for system changeover from cooling to heating, ensuring that a constant indoor climate is maintained in all zones. The compact outdoor unit utilizes R410A refrigerant and an INVERTER-driven compressor to use energy effectively.

With a wide line-up of indoor units in connection with a flexible piping system, the CITY MULTI series can be configured for all applications. Up to 12 (S series) or 50 (Y series) indoor units can be connected with up to 130% connected capacity to maximize engineer's design options. This feature allows easy air conditioning in each area with convenient individual controllers.

### Small Offices (S series)



### Large Offices (Y series)



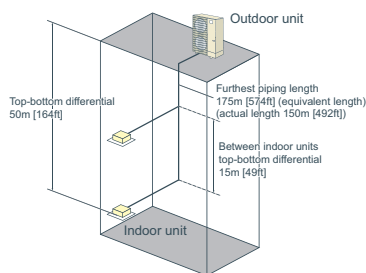
### System Pipe Lengths

[4.5-6HP (S series)]

Refrigerant Piping Lengths	Maximum meters [Feet]
Total length.....	300 [984]
Maximum allowable length.....	150 (175 equivalent) [492(574)]
Farthest indoor from first branch.....	30 [98]

Vertical differentials between units	Maximum meters [Feet]
Indoor/outdoor (outdoor higher).....	50 [164]
Indoor/outdoor (outdoor lower).....	40 [131]
Indoor/indoor.....	15 [49]

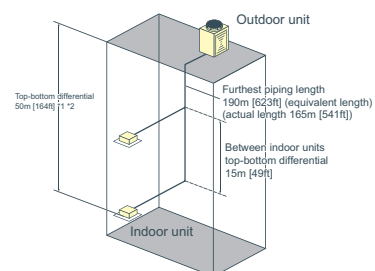


[8-50HP (Y series)]  
[8-36HP (High COP Y series)]

Refrigerant Piping Lengths	Maximum meters [Feet]
Total length.....	1,000 [3,280]
Maximum allowable length.....	165 (190 equivalent) [541(623)]
Farthest indoor from first branch.....	40 [131]

Vertical differentials between units	Maximum meters [Feet]
Indoor/outdoor (outdoor higher).....	50 [164]*1
Indoor/outdoor (outdoor lower).....	40 [131]*1
Indoor/indoor.....	15 [49]



\*1 When the outdoor unit is installed below the indoor unit, top-bottom differential is 40m [131 ft].  
\*2 Depending on the model and installation conditions, top-bottom differential 90m [295ft] (o/u above) and 60m [196ft] (o/u below) is available. For more detailed information, please contact your nearest sales office or distributor.



Outdoor unit