

Job Name/Location:

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Approval Other _____

Architect: _____ GC: _____

Engr: _____ Mech: _____

Rep: _____

(Company)

(Project Manager)

Outdoor Y-Branch Kits Multi V™ Heat Pump



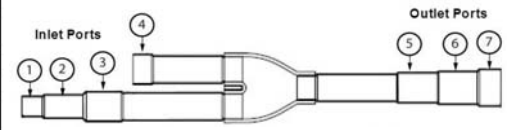
Insulation¹ Properties:

Material	Polyolefin Foam
UL94 Flame Classification	HF-1

Fitting Properties:

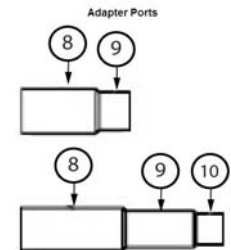
Material	Copper
Design Pressure	551 PSIG

Y-Branch Connection Diameters (in, ID)								
Model	Y-Branch Type	Port Identifier						
		1	2	3	4	5	6	7
ARCNN20	Liquid	-	3/8	1/2	1/2	3/4	5/8	1/2
	Vapor	3/4	7/8	1-1/8	1-1/8	1-1/8	1-1/4	1-3/8
ARCNN30	Liquid	1/2	5/8	3/4	1/2	7/8	3/4	-
	Vapor	-	1-1/8	1-3/8	1-1/8	1-3/8	1-1/2	1-5/8

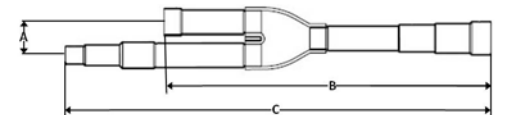


Not to scale

Reducer Diameters (in)						
Model	Qty/Kit	Reducer Type	8	9	10	Length
ARCNN20	5	Liquid	1/2 OD	3/8 ID	-	2-7/8
			7/8 ID	3/4 OD	-	3-5/32
		Vapor	3/4 OD	5/8 ID	-	2-15/16
			1-1/8 OD	7/8 ID	3/4 ID	4-17/32
ARCNN30	2	Liquid	1-1/2 ID	1-3/8 ID	-	2-7/8
			1-1/2 ID	1-3/8 OD	-	3-9/32
		Vapor	1-1/8 OD	7/8 ID	3/4 ID	4-17/32
			1-1/8 OD	7/8 ID	3/4 ID	4-17/32



Y-Branch Dimensions ² (in)				
Model	Y-Branch Type	A	B	C
ARCNN20	Liquid	31/32	13-1/32	15-25/32
	Vapor	1-1/2	14-9/32	18-5/8
ARCNN30	Liquid	31/32	11-3/8	15-5/8
	Vapor	25/32	14-9/16	17-15/16



Notes:

- Each Y-Branch kit comes with insulation for the following piping components – liquid and vapor.
- LG branch fittings must be used. Field supplied branch fittings are not permitted.
- Kit components must be kept dry and free of debris before installation.
- Must follow installation instructions in the applicable LG installation manual.