

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

## Outdoor Y-Branch Kits

### Multi V™ Heat Recovery



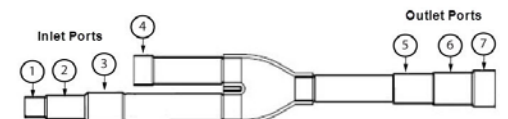
#### Insulation<sup>1</sup> Properties:

Material	Polyolefin Foam
UL94 Flame Classification	HF-1

#### Fitting Properties:

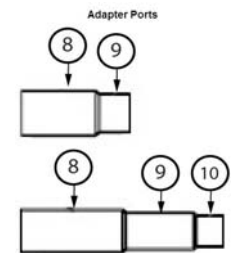
Material	Copper
Design Pressure	551 PSIG

Y-Branch Connection Diameters (in, ID)								
Model	Y-Branch Type	Port Identifier						
		1	2	3	4	5	6	7
ARCNB20	Liquid	-	3/8	1/2	1/2	3/4	5/8	1/2
	Vapor Line Low	3/4	7/8	1-1/8	1-1/8	1-1/8	1-1/4	1-3/8
	Vapor Line High	5/8	3/4	7/8	7/8	1-1/8	7/8	-
ARCNB30	Liquid	1/2	5/8	3/4	1/2	7/8	3/4	-
	Vapor Line Low	-	1-1/8	1-3/8	1-1/8	1-3/8	1-1/2	1-5/8
	Vapor Line High	3/4	7/8	1-1/8	7/8	1-1/8	1-1/4	1-3/8

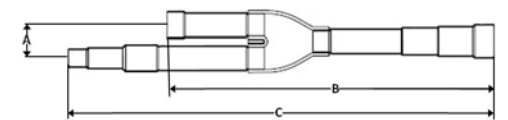


Not to scale

Reducer Diameters (in)						
Y-Branch	Qty/Kit	Reducer Type	8	9	10	Length
ARCNB20	6	Liquid	1/2 OD	3/8 ID	-	2-7/8
			7/8 ID	3/4 OD	-	3-5/32
		Vapor Line Low	3/4 OD	5/8 ID	-	2-15/16
			1-1/8 OD	7/8 ID	3/4 ID	4-17/32
			1-1/2 ID	1-3/8 OD	-	3-9/32
ARCNB30	3	Vapor Line High	7/8 OD	3/4 ID	5/8 ID	4-17/32
		Liquid	1/2 ID	3/8 ID	-	2-7/8
			1-1/8 OD	7/8 ID	3/4 ID	4-17/32
			7/8 OD	3/4 ID	5/8 ID	4-17/32



Y-Branch Dimensions <sup>2</sup> (in)				
Model	Y-Branch Type	A	B	C
ARCNB20	Liquid	31/32	13-1/32	15-25/32
	Vapor Line Low	1-1/2	14-9/32	18-5/8
	Vapor Line High	1-1/2	12-5/8	16-25/32
ARCNB30	Liquid	31/32	11-3/8	15-5/8
	Vapor Line Low	1-25/32	14-9/16	17-15/16
	Vapor Line High	1-1/2	11-11/32	18-5/8



#### Notes:

- Each Y-Branch kit comes with insulation for the following piping components - liquid, vapor line low and vapor line high.
- 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.