



QUICK-FIT



THE WORLD'S FASTEST DUCTING

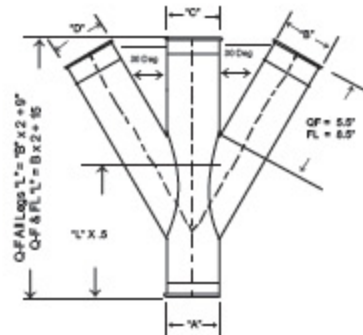
DOUBLE BRANCH

Ø	PART NO.	ENDS	GAUGE		WEIGHT (GALV)
			GAL.	SS	
3"	3226-03XX	QF	22	22	2.62
4"	3226-04XX	QF	22	22	3.50
5"	3226-05XX	QF	22	22	4.35
6"	3226-06XX	QF	22	22	5.00
7"	3226-07XX	QF	22	22	6.00
8"	3226-08XX	QF	22	22	7.25
9"	3226-09XX	QF	22	22	8.50
10"	3226-10XX	QF	22	22	10.00
11"	3226-11XX	QF	22	22	10.75
12"	3226-12XX	QF	22	22	12.25
13"	3226-13XX	QF	20	20	13.15
14"	3226-14XX	QF	20	20	14.95
15"	3226-15XX	QF	20	20	17.35
16"	3226-16XX	QF	20	20	19.56
17"	3226-17XX	QF	20	20	21.00
18"	3226-18XX	QF	20	20	26.00
20"	3226-20XX	QF	20	20	35.00
22"	3226-22XX	QF	20	20	49.50
24"	3226-24XX	QF	20	20	68.40
26"	3226-26XX	FLANGE	18	18	104.00
28"	3226-28XX	FLANGE	18	18	128.00
30"	3226-30XX	FLANGE	18	18	153.00
32"	3226-32XX	FLANGE	18	18	164.94
34"	3226-34XX	FLANGE	18	18	179.83
36"	3226-36XX	FLANGE	18	18	187.78
38"	3226-38XX	FLANGE	18	18	203.49
40"	3226-40XX	FLANGE	18	18	222.81

Double Branch



- All branches priced by large end.
- When ordering specify A,B,C,D.
- $(A - B) \geq (B - C)$ and $(B) \geq (D)$
- Reducer at "B" or "D" may be required. Use formula above to determine.
- Standard 30° Optional 45°



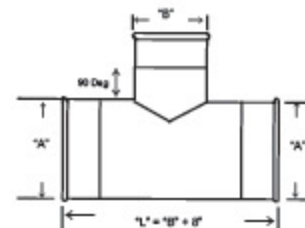
T-BRANCH

Ø	PART NO.	ENDS	GAUGE		WEIGHT (GALV)
			GAL.	SS	
3"	3227-03XX	QF	22	22	1.50
4"	3227-04XX	QF	22	22	2.00
5"	3227-05XX	QF	22	22	2.75
6"	3227-06XX	QF	22	22	3.25
7"	3227-07XX	QF	22	22	4.00
8"	3227-08XX	QF	22	22	4.75
9"	3227-09XX	QF	22	22	5.50
10"	3227-10XX	QF	22	22	6.00
11"	3227-11XX	QF	22	22	7.50
12"	3227-12XX	QF	22	22	8.75
13"	3227-13XX	QF	20	20	10.25
14"	3227-14XX	QF	20	20	12.00
15"	3227-15XX	QF	20	20	13.25
16"	3227-16XX	QF	20	20	14.00
17"	3227-17XX	QF	20	20	16.00
18"	3227-18XX	QF	20	20	18.25
20"	3227-20XX	QF	20	20	20.50
22"	3227-22XX	QF	20	20	24.75
24"	3227-24XX	QF	20	20	28.95
26"	3227-26XX	FLANGE	18	18	40.28
28"	3227-28XX	FLANGE	18	18	45.01
30"	3227-30XX	FLANGE	18	18	58.53
32"	3227-32XX	FLANGE	18	18	62.97
34"	3227-34XX	FLANGE	18	18	66.42
36"	3227-36XX	FLANGE	18	18	70.30
38"	3227-38XX	FLANGE	18	18	75.74
40"	3227-40XX	FLANGE	18	18	80.41

T-Branch



- All branches priced by large end.
- When ordering specify A,B.
- "A" to "A" must be the same dimension, however "B" must be equal to or smaller than the "A" dimension.



ORDERING NOTES:

Unless specified, 3" through 24" is QF, over 24" is flanged. Data is subject to change without notice. Stainless steel components requiring flanges will be supplied with SS flanges unless otherwise specified. Stainless steel components are manufactured with NO.304 SS. [Prices for SS 316 = SS 304 X 1.25] Adding a SS after standard part numbers specifies a SS part. For special parts or items to be custom manufactured call for quotation.

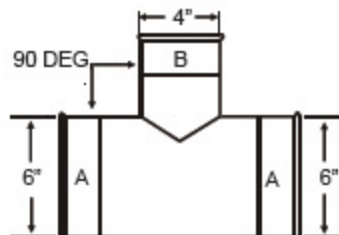
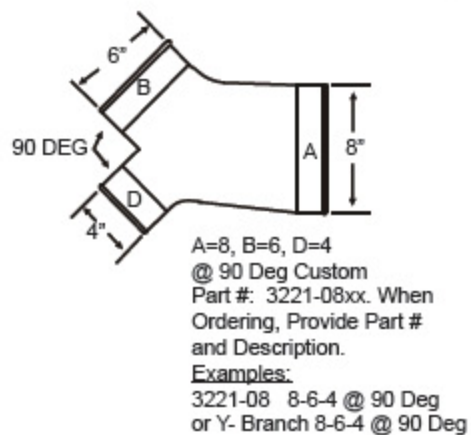
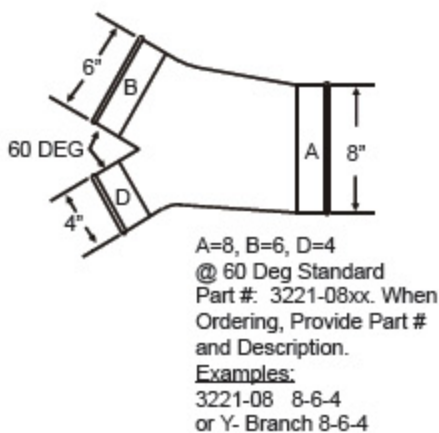
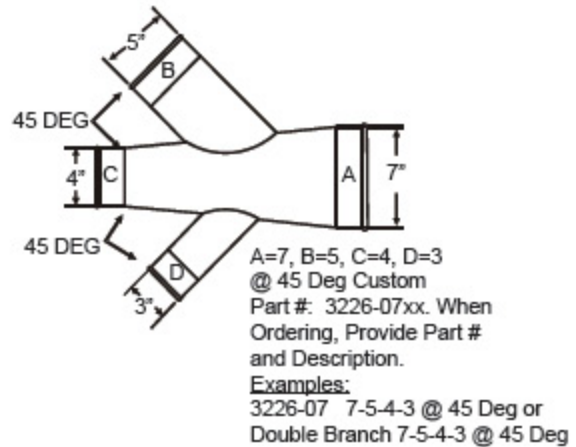
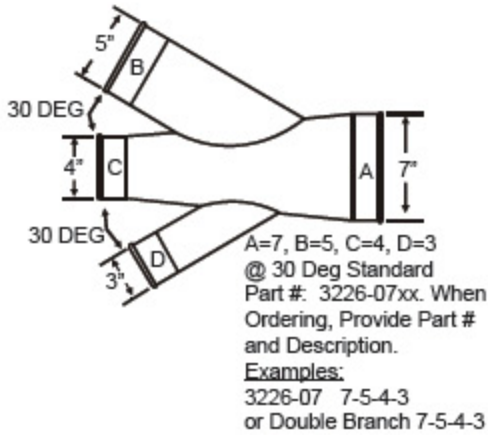
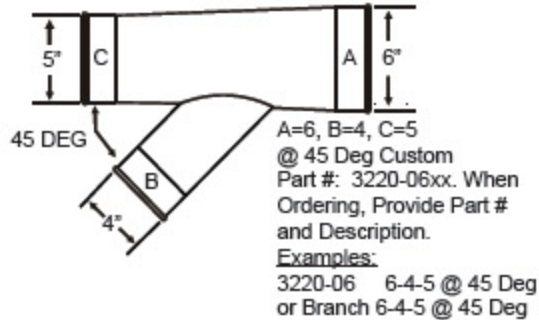
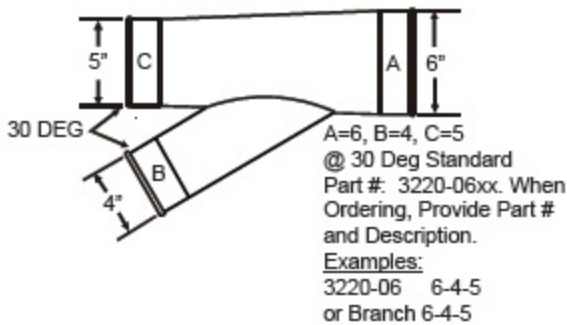
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BRANCH STYLES





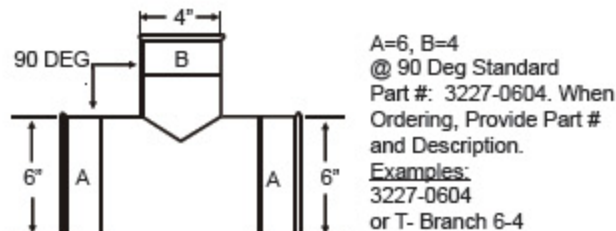
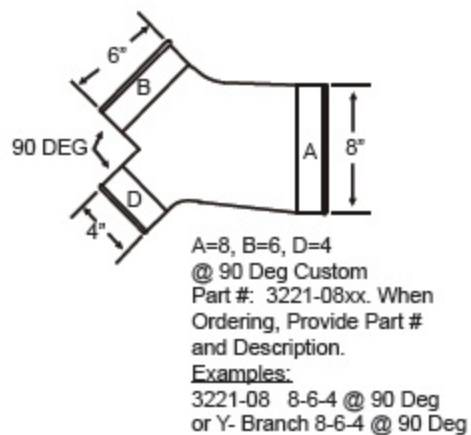
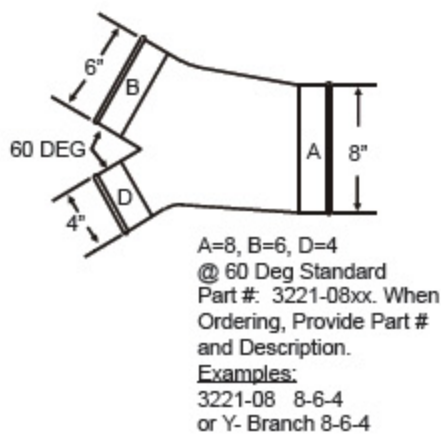
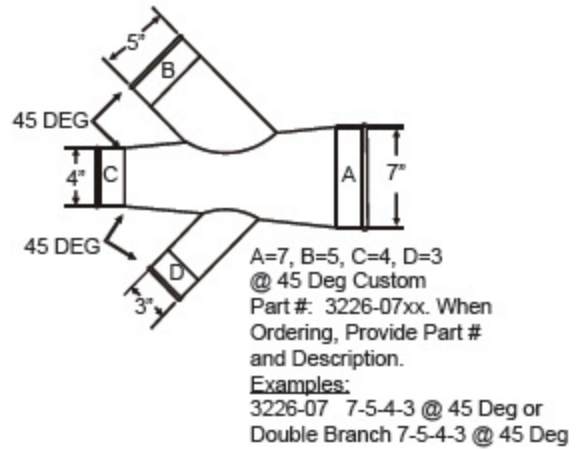
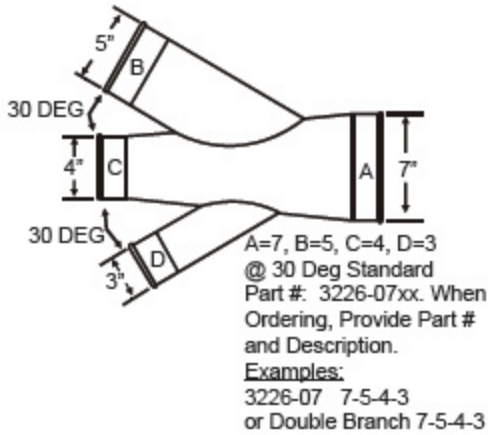
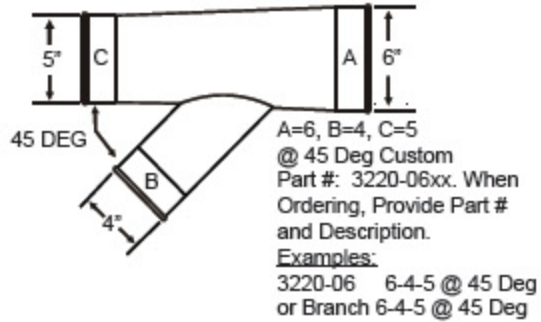
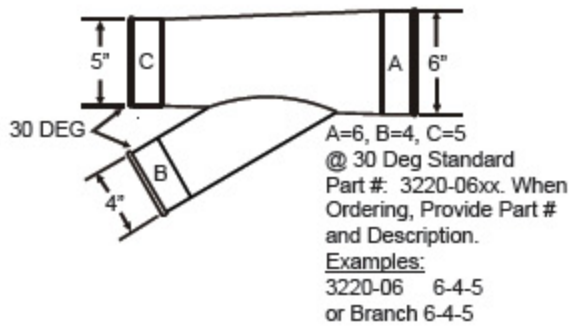
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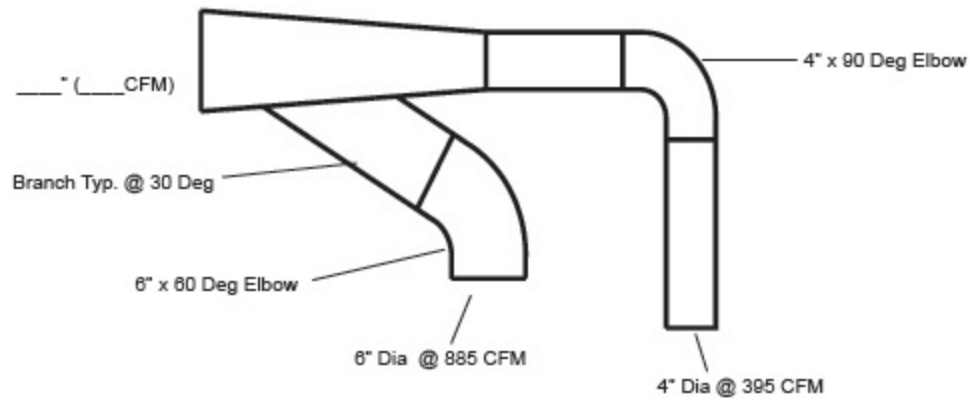
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BRANCH STYLES

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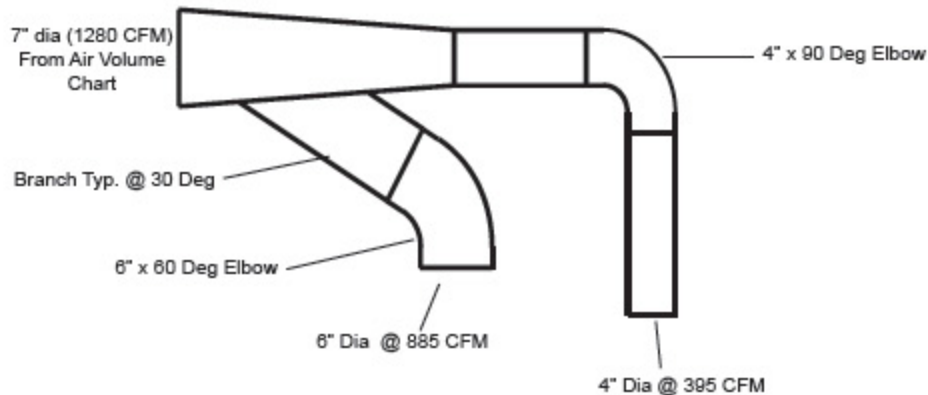


SIZING BRANCHES



The chart will also allow you to determine the transitions and branches needed
 EXAMPLE: Always work from your machines back toward the filter, suppose that you have a 4" drop that rises and runs back to join with a 6" drop as sketched above. What size branch will you need?

SOLUTION



The 4" pipe carries 395 CFM at 4500 FPM. (See Chart). The 6" pipe will need 885 CFM at the same velocity. (See Chart). Added together you have a total of (395+ 885) 1280 CFM coming together. Looking again at the chart under 4500 FPM, you find that 1280 CFM is not listed, but falls very close to the 1205 CFM listed for a 7" pipe. This indicates that the 4" joined to the 6" will require a 7" pipe to carry all of the material at the right velocity. The branch, therefore, will be 7" on the downstream end reducing down to a 4" with a 6" branching off of it. That is listed as a 7-6-4 branch.

All branches come off the duct at a 30 degree angle, so it is important to add a 60 degree elbow to complete a full 90 degree drop or turn. (See Diagram above) The "Q-F" catalog contains all pertinent data about the duct and sizes. With a few basic pieces of information, you should be well equipped to design a system. But, if you have any questions as to the design, please do not hesitate to call.