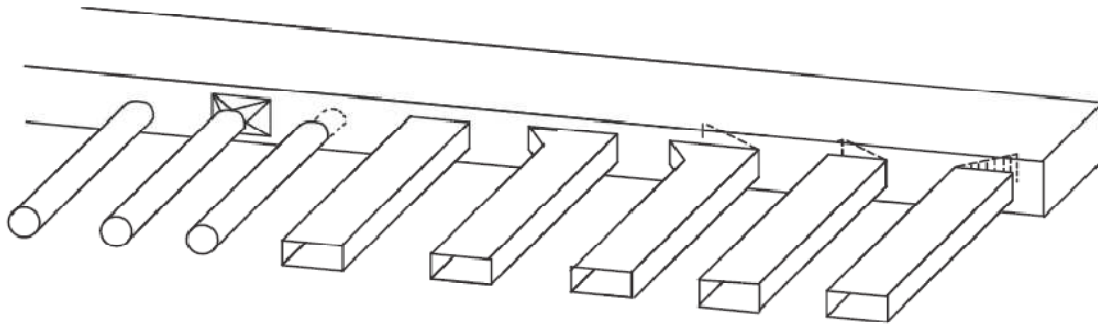
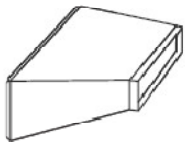


**Group 2**  
**Branch Takeoff Fittings at the Supply Trunk**  
 Reference Velocity = 900 Fpm  
 Reference Friction Rate = 0.08 IWC per 100 Feet



| EL Values |    | Number of Downstream Branches to End of Trunk Duct or<br>Number of Downstream Branches to a Trunk Reducer |    |    |    |    |           |
|-----------|----|---|----|----|----|----|-----------|
|           |    | 0   | 1  | 2  | 3  | 4  | 5 or More |
|           | 2A | 35  | 45 | 55 | 65 | 70 | 80        |
|           | 2B | 20  | 30 | 35 | 40 | 45 | 50        |
|           | 2C | 65  | 65 | 65 | 65 | 70 | 80        |
|           | 2D | 40  | 50 | 60 | 65 | 75 | 85        |
|           | 2E | 25  | 30 | 35 | 40 | 45 | 50        |
|           | 2F | 20  | 20 | 20 | 20 | 25 | 25        |
|           | 2G | 65  | 65 | 65 | 70 | 80 | 90        |
|           | 2H | 70  | 70 | 70 | 75 | 85 | 95        |

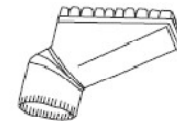
Note: If the trunk has a reducer, count down to the reducer; then begin a new count after the reducer.



Refer to Fitting 2D



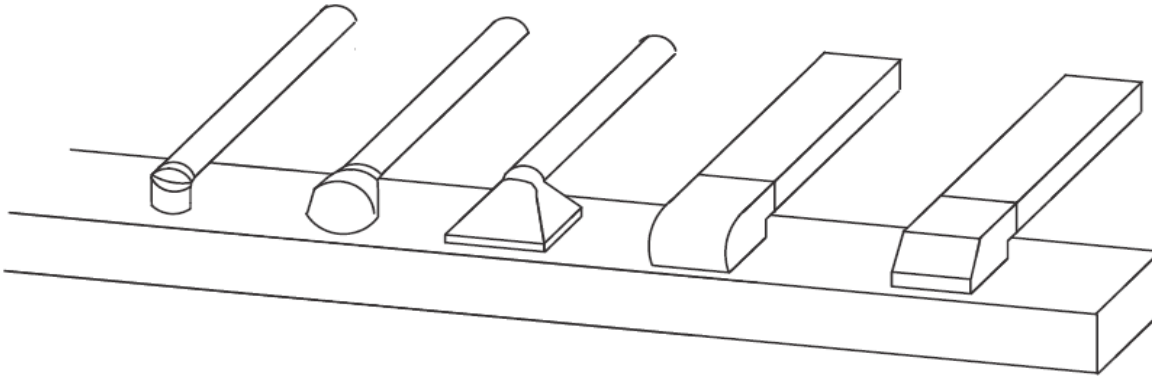
Refer to Fitting 2A or 2C








Refer to Fitting 2E

**Group 2 — Continued**  
**Branch Takeoff Fittings at the Supply Trunk**

Reference Velocity = 900 Fpm  
 Reference Friction Rate = 0.08 IWC per 100 Feet



| EL Values   |    | Number of Downstream Branches to End of Trunk Duct or<br>Number of Downstream Branches to a Trunk Reducer |    |    |    |     |           |
|---|----|---|----|----|----|-----|-----------|
|   |    | 0   | 1  | 2  | 3  | 4   | 5 or More |
|  | 2I | 65  | 75 | 85 | 95 | 100 | 110       |
|  | 2J | 50  | 60 | 65 | 70 | 75  | 80        |
|  | 2K | 50  | 60 | 65 | 70 | 75  | 80        |
|  | 2L | 70  | 80 | 90 | 95 | 105 | 115       |
|  | 2M | 70  | 80 | 90 | 95 | 105 | 115       |

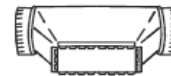
Note: If the trunk has a reducer, count down to the reducer; then begin a new count after the reducer.



Refer to  
Fitting 2J

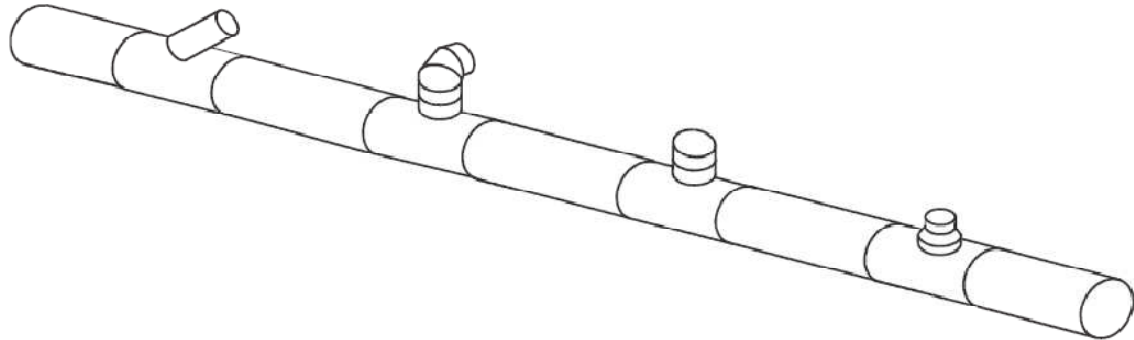






Refer to  
Fitting 2I



Refer to  
Fitting 2I

**Group 2 — Continued**  
**Branch Takeoff Fittings at the Supply Trunk**  
 Reference Velocity = 900 Fpm  
 Reference Friction Rate = 0.08 IWC per 100 Feet



| EL Values   |    | Number of Downstream Branches to End of Trunk Duct or<br>Number of Downstream Branches to a Trunk Reducer |    |    |    |    |           |
|---|----|---|----|----|----|----|-----------|
|   |    | 0   | 1  | 2  | 3  | 4  | 5 or More |
|  | 2N | 35  | 35 | 40 | 40 | 40 | 40        |
|  | 2O | 55  | 65 | 75 | 85 | 90 | 100       |
|  | 2P | 50  | 55 | 60 | 65 | 70 | 75        |
|  | 2Q | 10  | 10 | 15 | 20 | 20 | 25        |

Note: If the trunk has a reducer, count down to the reducer; then begin a new count after the reducer.