

www.arzelzoning.com ~ 800-611-8311

## Bypass Sizing Chart



	Blower Tonnage							
Smallest Zone CFM	2	2.5	3	3.5	4	5		
100	*	8	8	10	10	12		
200	*	*	8	8	10	10		
300	N/A	N/A	*	*	8	10	Round	
400	N/A	N/A	N/A	*	*	8	nd	
500	N/A	N/A	N/A	N/A	*	8	В	
600	N/A	N/A	N/A	N/A	N/A	*	Bypass	
700	No Bypass Required							
800	No Bypass Required							
900	No Bypass Required							
1000	No Bypass Required							

## \*Other Bypass Sizing Considerations

**Flex Duct -** Down-size the bypass by one size due to increased friction loss inherent in flex duct.

**Distant Zones -** Duct length greater than 200 ft. may require a one size decrease due to increased friction loss.

**Close Zones -** Duct length less than 50 ft. may require a one size increase.

**Special Purpose Zones -** Usage patterns may require an increase in bypass size.

- Calculate bypass from low stage CFM tonnage when combining 2-stage split systems with HeatPumPro or GTPro panels and using zone weight.
- Keep the bypass as small as possible.
- Bypass should be at least 8 ft. from the return drop when possible.



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500	N/A	N/A			8	10	Ву
600	N/A	N/A	N/A	*	*	10	Bypass
700	N/A	N/A	N/A	N/A		8	
800	N/A	N/A	N/A	N/A	N/A	*	Size
900	N/A	N/A	N/A	N/A	N/A	*	Φ
1000	No Bypass Required						

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