

Indoor Unit Mix 'n' Match Possibilities

The total capacity for ALL indoor units cannot exceed 150% of the stated condenser capacity. For best performance, the indoor units' total capacity should be 100% or less of the condenser capacity. When a system is sized beyond 100% of the condenser capacity, the

compressor may not provide full capacity for all indoor units: sizing above 100% is generally specified when one or more of the indoor units will not be in use most of the time. Also, the total capacity for ALL indoor units cannot be less than 50% of the condenser's capacity.

Zones	Indoor Units*	Total BTUH	Zones	Indoor Units*	Total BTUH	Zones	Indoor Units*	Total BTUH
A-VFH18DA 1-2 Units	9K	9,000	A-VFH36QA 1, 2, 3 or 4 Units	9K + 9K	18,000	A-VFH42PA 1, 2, 3, 4 or 5 Units	9K + 9K + 21K	39,000
	12K	12,000		9K + 12K	21,000		9K + 9K + 24K	42,000
	18K	18,000		9K + 18K	27,000		9K + 12K + 12K	33,000
	21K	21,000		12k + 12K	24,000		9K + 12K + 18K	39,000
	9K + 9K	18,000		12K + 18K	30,000		9K + 12K + 24K	45,000
9K + 12K	21,000	12K + 24K		36,000	9K + 18K + 18K		45,000	
A-VFH24TA 1, 2 or 3 Units	12K	12,000		18K + 18K	36,000		9K + 18K + 24K	51,000
	18K	18,000		18K + 24K	42,000		9K + 24K + 24K	57,000
	21K	21,000		24K + 24K	48,000		12K + 12K + 12K	36,000
	24K	24,000		9K + 9K + 9K	27,000		12K + 12K + 18K	42,000
	9K + 9K	18,000	9K + 9K + 12K	30,000	12K + 12K + 24K		48,000	
	9K + 12K	21,000	9K + 9K + 18K	36,000	12K + 18K + 18K		48,000	
	9K + 18K	27,000	9K + 9K + 24K	42,000	12K + 18K + 21K		51,000	
	9K + 21K	30,000	9K + 12K + 12K	33,000	12K + 18K + 24K		54,000	
	12K + 12K	24,000	9K + 12K + 18K	39,000	12K + 24K + 24K		60,000	
	12K + 18K	30,000	9K + 12K + 24K	45,000	18K + 18K + 18K		54,000	
	12K + 21K	33,000	9K + 18K + 18K	45,000	18K + 18K + 24K		60,000	
	18K + 18K	36,000	9K + 18K + 24K	51,000	9K + 9K + 9K + 9K		36,000	
	A-VFH30QA 1, 2, 3 or 4 Units	18K	18,000	9K + 9K + 9K + 9K	36,000		9K + 9K + 9K + 12K	39,000
21K		21,000	12K + 12K + 12K	36,000	9K + 9K + 9K + 18K		45,000	
24K		24,000	12K + 12K + 18K	42,000	9K + 9K + 9K + 21K		48,000	
9K + 9K		18,000	12K + 12K + 24K	48,000	9K + 9K + 9K + 24K		51,000	
9K + 12K		21,000	12K + 18K + 18K	48,000	9K + 9K + 12K + 12K		42,000	
9K + 18K		27,000	18K + 18K + 18K	54,000	9K + 9K + 12K + 18K		48,000	
9K + 21K		30,000	9K + 9K + 9K + 9K	36,000	9K + 9K + 12K + 24K		54,000	
12K + 12K		24,000	9K + 9K + 9K + 12K	39,000	9K + 9K + 18K + 18K		54,000	
12K + 18K		30,000	9K + 9K + 9K + 18K	45,000	9K + 9K + 18K + 24K		60,000	
18K + 18K		36,000	9K + 9K + 12K + 12K	42,000	9K + 12K + 12K + 12K		45,000	
18K + 21K		39,000	9K + 9K + 12K + 18K	48,000	9K + 12K + 12K + 18K		51,000	
9K + 9K + 9K		27,000	9K + 12K + 12K + 12K	45,000	9K + 12K + 18K + 18K		57,000	
9K + 9K + 12K		30,000	9K + 12K + 12K + 18K	51,000	9K + 18K + 18K + 18K	63,000		
9K + 12K + 12K		33,000	12K + 12K + 12K + 12K	48,000	12K + 12K + 12K + 12K	48,000		
9K + 9K + 18K		36,000	21K	21,000	12K + 12K + 12K + 18K	54,000		
9K + 9K + 21K		39,000	24K	24,000	12K + 12K + 12K + 24K	60,000		
9K + 12K + 18K		39,000	9K + 12K	21,000	12K + 12K + 18K + 18K	60,000		
12K + 12K + 12K		36,000	9K + 18K	27,000	9K + 9K + 9K + 9K + 9K	45,000		
12K + 12K + 18K	42,000	9K + 21K	30,000	9K + 9K + 9K + 9K + 12K	48,000			
9K + 9K + 9K + 9K	36,000	9K + 24K	33,000	9K + 9K + 9K + 9K + 18K	54,000			
9K + 9K + 9K + 12K	39,000	12K + 12K	24,000	9K + 9K + 9K + 9K + 24K	60,000			
9K + 9K + 12K + 12K	42,000	12K + 18K	30,000	9K + 9K + 9K + 12K + 12K	51,000			
A-VFH36QA 1, 2, 3 or 4 Units	18K	18,000	12K + 24K	36,000	9K + 9K + 9K + 12K + 18K	57,000		
	21K	21,000	18K + 18K	36,000	9K + 9K + 9K + 18K + 18K	63,000		
	24K	24,000	18K + 24K	42,000	9K + 9K + 12K + 12K + 12K	54,000		
	9K + 9K + 9K	27,000	24K + 24K	48,000	9K + 12K + 12K + 12K + 18K	63,000		
	9K + 9K + 12K	30,000	9K + 9K + 9K	27,000	9K + 12K + 12K + 12K + 18K	63,000		

WHAT DO WE MEAN BY ENERGY EFFICIENCY?

In recent years, heating and cooling manufacturers have made significant advances in the efficiency of systems in terms of energy usage. This is an especially important purchase consideration as fuel prices continue to rise.

Cooling efficiency is measured by a Seasonal Energy Efficiency Ratio (SEER) rating. The higher the number, the more efficient the equipment. All Comfort-Aire InverterFlex® systems are rated at 16 SEER.

Heating efficiency is shown by a Heating Season Performance Factor (HSPF). This is an estimate calculated by dividing the seasonal heating output by the seasonal power consumption in watts. InverterFlex units are rated at 8.20 HSPF, which is considered very good.

All heating and cooling equipment comes with an Energy Guide label which shows the estimated energy usage—you can use these labels to compare equipment efficiency. Your dealer can help you determine which system is best for you, taking into account a number of factors including the average number of yearly cooling and heating days in your area of the country, in addition to your individual needs.

READY TO BUY? SOME THINGS TO CONSIDER

When you buy Comfort-Aire products, you're purchasing the peace of mind that comes from dealing with a company that has a long track record of success. We have a well-deserved reputation not only for quality products, but also for standing behind these products with excellent warranty and support programs. Also, you'll find our web site is a convenient resource: owners' manuals can be downloaded and your installer can access technical information and service manuals.

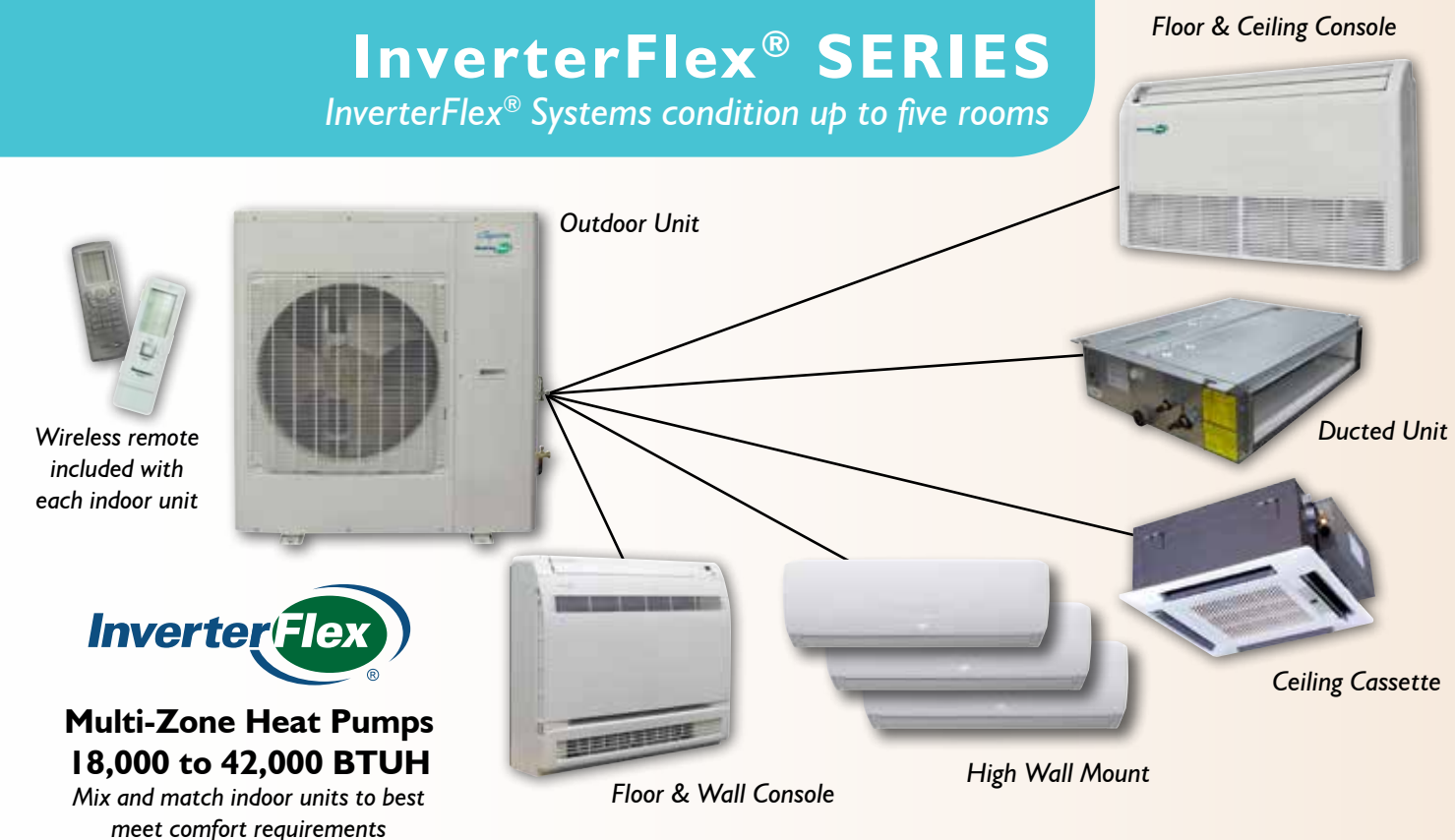


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InverterFlex® SERIES

InverterFlex® Systems condition up to five rooms



Multi-Zone Heat Pumps
18,000 to 42,000 BTUH
Mix and match indoor units to best meet comfort requirements

Our InverterFlex® multi-zone units let you condition one up to five rooms with just one outdoor unit (depending on model). The contractor can design a system that best meets the load requirements of each room being conditioned because indoor air handlers can be mixed and matched—all five types of units shown can be used in the same installation.

These 9,000, 12,000, 18,000, 21,000 and 24,000 BTUH indoor units can be mixed, up to the point that their combined capacity reaches the total allowable system capacity—see the chart inside. All units must operate in the same mode except "fan" only can always be selected. True zone control is possible because each air handler operates independently and has its own wireless remote.

InverterFlex® models incorporate all the advantages of twin rotary inverter compressor technology. The compressor speed is variable, depending on the load demand. Most of the time the unit runs at low frequency, saving energy while maintaining comfort, but ramping up to higher frequency when needed. Temperature fluctuations and compressor on/off cycling are eliminated, and indoor air quality is enhanced because air is constantly being pulled through the filter and dehumidified.

InverterFlex® systems are also great for larger spaces such as fellowship halls and commons areas: install multiple units for quiet, efficient, easily controlled comfort.



Features

(Varies according to type of indoor unit)

- **Auto Swing**—Continually adjusts air direction for a gentle, breeze-like effect preferred by most people
- **Multiple Modes**—Cooling, heating, fan only, dehumidification only, plus:
 - Sleep mode
 - 24-hour timer
 - Turbo mode
 - Auto mode
- **Intelligent Pre-Heating**—Enhances comfort by preventing cold air blow
- **Auto Operation**—Automatically selects the mode required to maintain a constant temperature/humidity level
- **"Follow" Function**—Senses temperature at the remote and adjusts air flow for comfort and efficiency at its location
- **Superior Filtration**—Air filters are designed to help enhance indoor air quality
- **Auto Defrost**—Defrosts only when necessary to save energy, limit downtime
- **Self-Clean Mode**—Dries out indoor unit when not in use to prevent mold growth
- **Low Ambient Operation**

