

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



Mix and match indoor units up to the maximum BTUHs allowed for each system—see chart for possible combinations.

Order outdoor and indoor units separately:

"A" indicates outdoor unit and "B" indicates indoor units.

For instance, a 36,000 BTUH tri-zone might consist of one A-VFH 36QB-1, one B-VFH09FA-1, one B-VFH18CA-1 and one VFH09MB-1.

### Advantages of Inverter Technology

The inverter on a mini-split is like the cruise control on a vehicle. The inverter-driven compressor automatically adjusts its speed to quickly reach and then maintain the set point. When maximum capacity is not needed, the compressor speed decreases-and with it the power output also decreases, resulting in improved energy efficiency. Once the set point is reached, the system "cruises along," keeping the temperature constant, but responding if the demand changes.

- Reaches the desired temperature quickly
- Provides precise temperature control and continuous dehumidification (cooling mode)
- Extends component life by eliminating on-off cycling
- Operates at ultra-quiet level
- Saves energy by matching the compressor speed to the demand; rated up to 22 SEER and 10.2 EER
- Delivers extra heating capacity even at low ambient temperatures

	OUTI	DOOR U	NITS		
FEATURES	A-VFH18DB-1	A-VFH24TB-1	A-VFH30QB-1	A-VFH36QB-1	A-VFH42PB-1
Power Supply	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
System Cooling Cap. (BTUH)	18,000	24,000	28,500	34,000	38,999
Min./Max. Cooling Cap. (BTUH)‡	7,000/21,000	7,500/33,000	8,188/33,437	8,871/35,826	8,871/40,944
SEER/EER	22.00/12.50	21.0/12.5	21.00/12.50	21.00/12.48	21.00/10.40
HSPF	10.50	10.50	10.50	10.50	10.20
High Heating (BTUH) @ 47°F	18,800	29,500	32,000	41,000	45,000
Low Heating (BTUH) @ 17°F	15,600	19,860	22,500	28,660	30,000
Min./Max. Heating Cap. (BTUH)‡	8,530/22,600	7,500/35,000	8,188/32,414	8,871/44,356	8,871/46,062
Sound Pressure (dBA)	56	59	59	61	61
	OUTDOO	R UNIT DIM	ENSIONS		
Width (inches)	375/8	3815/16	381/2	4213/16	4213/16
Height (inches)	275/8	31 <sup>1</sup> /8	31 <sup>1</sup> /8	437/16	437/16
Depth (inches)	15 <sup>5</sup> /8	16 <sup>13</sup> /16	<b>16</b> <sup>5</sup> / <sub>16</sub>	17 <sup>5</sup> /16	<b>17</b> <sup>5</sup> /16
Net Wt/Shipping Wt (lbs.)	115/125	153.2/164.2	145.5/154.3	198.4/216	198.4/216
	LECTRICAL	DATA OUT	OOR UNIT*	;	
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	20A	25A	25A	25A	25A
Max. Fuse/HACR Circuit Breaker	25A	30A	30A	35A	40A
LINE SET LENGTHS**					
Maximum Line Set Length <sup>1</sup>	33 feet	32 feet	32 feet	65 feet	82 feet
Max. Total Length All Zones	66 feet	197 feet	229 feet	229 feet	262 feet
Maximum Elevation (outdoor) <sup>2</sup>	16.4 feet	32 feet	49 feet	49 feet	49 feet

‡Actual performance will vary based on the application, including the size(s) and mix of indoor units installed.



## Ambient Operating Temperature Range:

0° - 118.5° F (cooling); -4° - 75° F (18K & 24K heating) -4° - 86° F (30K, 36K, 42K heating)

- \* Always follow local, state and national electrical codes. Main power connection is 208-230V.
- \*\*See the IOM regarding various adapters and fittings which may be included with outdoor and/or indoor models for making connections

Required Indoor/Outdoor Connecting Cable (SJOW)— 14 AWG / 4 conductor 600V THHN unshielded stranded bare copper, not to exceed 98 feet between indoor and outdoor units.

- <sup>1</sup> For single indoor unit installation; min. 10 ft. line set length recommended.
- Oil traps should be installed every 16.5 to 23 feet (5-7m) when the outdoor unit is installed above the indoor unit.

NOTE: Maximum line set length varies based on number of indoor units installed. See IOM for details.







Warranty—7 years compressor, 2 years on parts (Some limitations apply; see printed warranty for details.)

ILING MO	NI TNUC	DOOR U	NITS
B-VFH09UA-1	B-VFH12UA-1	B-VFH18UA-1	B-VFH24UA-1
8,500	11,900	17,000	22,800
9,500	13,100	18,700	27,400
383/324/265	383/324/265	559/412/294	736/530/412
5	5	5	5
1.69	2.96	3.80	5.28
36 to 50	36 to 50	40 to 55	44 to 58
On	Remote: 61°F - 8	6°F	
DIME	NSIONS		
48	48	48	48
275/16	275/16	275/16	275/16
87/8	87/8	87/8	87/8
88.2/110.2	88.2/110.2	88.2/110.2	99.2/119.1
1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
	B-VFH09UA-1 8,500 9,500 383/324/265 5 1.69 36 to 50 On DIME 48 27 <sup>5</sup> /16 8 <sup>7</sup> / <sub>8</sub> 88.2/110.2	B-VFH09UA-1 B-VFH12UA-1  8,500 11,900  9,500 13,100  383/324/265 383/324/265  5 5  1.69 2.96  36 to 50 36 to 50  On Remote: 61°F - 8  DIMENSIONS  48 48  275/16 275/16  87/8 88/8  88.2/110.2 88.2/110.2	8,500 11,900 17,000 9,500 13,100 18,700 383/324/265 383/324/265 559/412/294 5 5 5 1.69 2.96 3.80 36 to 50 40 to 55  On Remote: 61°F - 86°F   DIMENSIONS  48 48 48 275/16 275/16 275/16 87/8 87/8 88.2/110.2 88.2/110.2

#### **Features**

- 'Follow' feature on remote
- Multiple modes: auto, turbo, sleep, fan only, dehumidify only, 24 Hour timer
- Intelligent pre-heat
- Self-diagnosis



Low profile cabinet

#### **Features**

- Auto operation
- Multiple modes: turbo, sleep, fan only, dehumidification only, 24 Hour timer
- 'Follow' feature on remote
- Energy saver function
- Intelligent pre-heat







FLOOR MOUNT INDOOR UNITS					
FEATURES	B-VFH09FA-1	B-VFH12FA-1	B-VFH18FA-1		
Cooling Capacity BTUH	9,000	12,000	18,000		
Heating Capacity BTUH	9,500	13,000	19,800		
Air Flow Range (CFM)	383 - 188	441 - 206	494 - 241		
Fan Speeds	75	5	5		
Dehumidification (Pts/Hr)	1.69	2.96	3.80		
Sound Level Range (dBA)	25 to 40	27 to 43	33 to 48		
Temperature Setting On Remote or Wired Wall Thermostat: 61°F to 86°F					
AIR DIRECTION					
Vertical Modulating	Yes	Yes	Yes		

AIR DIRECTION						
Vertical Modulating	Yes	Yes	Yes			
DIMENSIONS						
Width (inches)	27 <sup>9</sup> /16	27 <sup>9</sup> /16	<b>27</b> <sup>9</sup> /16			
Height (inches)	235/8	235/8	235/8			
Depth (inches)	87/16	87/16	87/16			
Net Wt/Shipping Wt (lbs)	24.25/30.9	24.25/30.9	24.25/30.9			
Liquid-Suction (flare)**	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"			

DUCTED INDOOR UNITS					
FEATURES	B-VFH09DA-1	B-VFH12DA-1	B-VFH18DA-1	B-VFH21DA-1	B-VFH24DA-1
Cooling Capacity BTUH	8,500	11,900	15,300	20,400	22,800
Heating Capacity BTUH	9,500	13,100	18,700	22,600	27,400
Air Flow Range (CFM)	265/177/147	324/235/177	412/351/294	588/441/324	588/441/324
Fan Speeds	3	3	3	3	3
Dehumidification (Pts/Hr)	1.69	2.96	3.80	4.23	5.28
Sound Level Range (dBA)	31 to 37	32 to 39	33 to 41	34 to 52	34 to 52

Temperature Setting	On Remote: 61°F - 86°F						
	DIMENSIONS						
Width (inches)	<b>27</b> <sup>9</sup> /16	27 <sup>9</sup> /16	35 <sup>7</sup> /16	435/16	435/16		
Height (inches)	77/8	77/8	77/8	77/8	77/8		
Depth (inches)	243/16	243/16	243/16	243/16	243/16		
Net Wt/Shipping Wt (lbs)	48.5/59.5	50.7/63.9	59.5/79.4	68.3/90.4	68.3/90.4		
Liquid-Suction (flare)**	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"		

#### **Features**

- 'Follow' feature on remote for comfort
- Multiple modes: auto, turbo, sleep, fan only
- 24 Hour timer
- Intelligent pre-heat
- Wireless remote and wired thermostat
- Self diagnostics
- Includes water pump



Wired thermostat



HIGH WALL MOUNT INDOOR UNITS						
FEATURES	B-VFH09MB-1A	B-VFH12MB-1A	B-VFH18MB-1	B-VFH24MB-1		
Cooling Capacity BTUH	9,000	12,000	18,000	20,800		
Heating Capacity BTUH	9,800	13,000	19,000	21,500		
Air Flow Range (CFM)	224 - 430	224 - 453	282 - 588	459-736		
Fan Speeds	7	7	7	7		
Dehumidification (Pts/Hr)	1.69	2.96	3.80	5.28		
Sound Level Range (dBA)	21 to 42	22 to 43	33 to 51	37-50		
Temperature Setting		On Remote: 61°F to 86°F				

AIR DIRECTION						
Horiz./Vert. Modulating	Yes	Yes	Yes	Yes		
DIMENSIONS						
Width (inches)	341/16	341/16	401/16	463/8		
Height (inches)	11 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	129/16	12 <sup>7</sup> /8		
Depth (inches)	81/4	81/4	9	10 <sup>3</sup> /8		
Net Wt/Shipping Wt (lbs)	24.25/28.7	24.25/28.7	30.9/41.9	39.7/48.5		
Liquid-Suction (flare)**	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"		

#### **Features**

- Follow' feature on remote for comfort (except 24K model)
- Multiple modes: auto, turbo, sleep, fan only (no turbo on 24K model)
- 24 Hour timer
- Intelligent pre-heat
- Automatic louver swing
- Silver ion filtration
- Self diagnostics









#### reatures

- Auto operation, 24-hour timer
- Multiple modes: turbo, sleep, fan only, dehumidification only
- Intelligent pre-heat
- Washable air filter
- Automatic louver swing
- Self diagnostics
- Wired thermosta
- Wireless remote and wired wall thermostat
- 'Follow' feature on remote for comfort
- Fits 24" x 24" ceiling tile opening

CEILING CASSETTES					
FEATURES	B-VFH12CA-1	B-VFH18CA-1	B-VFH24CA-1		
Cooling Capacity BTUH	12,000	14,400	22,800		
Heating Capacity BTUH	13,000	16,000	27,400		
Air Flow Range (CFM)	265-294-353	265-294-353	500-559-694		
Fan Speeds	3	3	3		
Dehumidification (Pts/Hr)	2.96	3.80	5.28		
Sound Level Range (dBA)	42/44/46	42/44/46	35/37/39		
Temperature Setting	On Remote	or Wired Wall Thermos	tat: 61°F to 86°F		
	AIR DIR	ECTION			
Horiz./Vert. Modulating	No	No	No		
Four-Way Modulating	Yes	Yes	Yes		
	DIMEN	SIONS			
Width (inches)	227/16	227/16	331/16		
Length (inches)	227/16	227/16	331/16		
Height (inches)	91/16	91/16	9 <sup>7</sup> /16		
Net Wt/Shipping Wt (lbs)	39.6/ 50.7	39.6/ 50.7	61.7/ 77.2		
Decorative Cover Panel Panel Dimensions (inches)	Panel Part#: ( 25 <sup>5</sup> /8 x 2	Panel Part#: C-VFH24CA 33 <sup>1</sup> / <sub>16</sub> x 33 <sup>1</sup> / <sub>16</sub> x 2 <sup>3</sup> / <sub>8</sub>			
Liquid-Suction (flare)**	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"		



You can see how one outdoor condenser is used in conjunction with multiple indoor air handlers in a single structure. Air handlers can be installed up to 82' (depending on model) from the condenser, so you can place the condenser in the best location for your landscaping. A hole approximately 3" in diameter is drilled through the exterior wall to accommodate the lines carrying refrigerant. Also, a communication wire runs between each indoor unit and the condenser, and a drain line from each indoor unit carries condensate away. Power is supplied by the outdoor unit so there are no cords or plugs visible on the interior.

### 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
	9K	9,000
	12K	12,000
A-VFH18DB	18K	18,000
1-2 Units	21K	21,000
	9K + 9K	18,000
	9K + 12K	21,000
	12K	12,000
	18K	18,000
	21K	21,000
	24K	24,000
	9K + 9K	18,000
	9K + 12K	21,000
	9K + 18K	27,000
A-VFH24TB	9K + 21K	30,000
1, 2 or 3 Units	12k + 12K	24,000
Oiliu	12K + 18K	30,000
	12K + 21K	33,000
	18K + 18K	36,000
	9K + 9K + 9K	27,000
	9K + 9K + 12K	30,000
	9K + 12K + 12K	33,000
	9K + 9K +18K	36,000
	18K	18,000
	21K	21,000
	24K	24,000
	9K + 9K	18,000
	9K + 12K	21,000
	9K + 18K	27,000
	9K + 21K	30,000
	12k + 12K	24,000
A-VFH30QB	12K + 18K	30,000
1, 2, 3 or 4 Units	18K + 18K	36,000
Ollib	18K + 21K	39,000
	9K + 9K + 9K	27,000
	9K + 9K + 12K	30,000
	9K + 12K + 12K	33,000
	9K + 9K +18K	36,000
	9K + 9K + 21K	39,000
	9K + 12K + 18K	39,000
	12K + 12K + 12K	36,000
	12K + 12K + 18K	42,000
	9K + 9K + 9K + 9K	36,000
	9K + 9K + 9K + 12K	39,000
	9K + 9K + 12K + 12K	42,000
	18K	18,000
	21K	21,000
A-VFH36QB	24K	24,000
1, 2, 3, 4, or 5 Units	9K + 24K	33,000
Julio	9K + 9K	18,000
	9K + 12K	21,000
	JK 11 TZK	21,000

A-VFH36QB	apacity, till	1005 tria	
A-VFH36QB 1, 2, 3, 4, or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 12k  A-VFH42PB 1, 2, 3, 4 or 5 Units  12k + 24k  36,000  12k + 24k	Zones	Indoor Units*	Total BTUH
AVFH36QB 1, 2, 3, 4, or 5 Units  12K + 18K  12K + 18K  36,000  18K + 18K  36,000  24K + 24K  42,000  9K + 9K + 9K  27,000  9K + 9K + 12K  30,000  9K + 9K + 12K  30,000  9K + 9K + 12K  33,000  9K + 12K + 12K  33,000  9K + 12K + 12K  33,000  9K + 12K + 12K  36,000  12K + 12K + 12K  36,000  9K + 9K + 9K + 9K  48,000  12K + 12K + 12K  39,000  9K + 9K + 9K + 9K  48,000  9K + 9K + 9K + 12K  48,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 12K + 12K  40,000  9K + 9K + 12K + 12K  41,000  9K + 9K + 12K + 12K  42,000  9K + 9K + 12K + 12K  43,000  9K + 9K + 12K + 12K  44,000  9K + 12K + 12K + 12K  45,000  9K + 9K + 12K + 12K  46,000  9K + 12K + 12K + 12K  47,000  9K + 12K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000		9K + 18K	27,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  12K + 24K  12K + 24K  136,000  18K + 24K  42,000  24K + 24K  48,000  9K + 9K + 9K  27,000  9K + 9K + 12K  30,000  9K + 9K + 12K  33,000  9K + 12K + 12K  36,000  12K + 12K + 12K  36,000  9K + 9K + 9K + 9K  36,000  9K + 9K + 9K + 9K  36,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 12K + 12K  48,000  9K + 9K + 9K + 12K  48,000  9K + 9K + 12K + 12K  48,000  9K + 9K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 9K + 9K + 9K + 9K  9K + 9K + 9K +		12k + 12K	24,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  18K + 18K		12K + 18K	30,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  18K + 24K		12K + 24K	36,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  24K + 24K  A8,000  9K + 9K + 12K  30,000  9K + 9K + 12K  36,000  9K + 9K + 12K  33,000  9K + 12K + 12K  35,000  9K + 18K + 18K  45,000  12K + 12K + 12K  36,000  12K + 12K + 12K  36,000  12K + 12K + 12K  36,000  12K + 12K + 12K  48,000  12K + 12K + 12K  48,000  12K + 12K + 12K  48,000  18K + 18K + 18K  54,000  9K + 9K + 9K + 9K  36,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 12K  42,000  9K + 9K + 12K + 12K  45,000  9K + 9K + 12K + 12K  45,000  9K + 9K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 9K + 9K + 9K + 9K  45,000  9K + 9K + 9K + 9K + 12K  48,000  9K + 9K + 12K + 12K  48,000  9K + 9K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 9K + 9K + 12K  48,000  9K + 12K + 12K + 12K  48,000  12K + 12K + 12K  48,000  12K + 12K + 12K  48,000  12K + 12K + 12K  30,000  12K + 12K + 12K  30,000  12K + 12K  42,000  12K + 24K  36,000  12K + 24K  42,000		18K + 18K	36,000
AVFH36QB 1, 2, 3, 4, or 5 Units  PK + 9K + 9K  9K + 9K + 12K  30,000  9K + 9K + 12K  36,000  9K + 9K + 12K  33,000  9K + 12K + 12K  35,000  9K + 12K + 12K  45,000  9K + 18K + 18K  45,000  12K + 12K + 12K  36,000  12K + 12K + 12K  48,000  12K + 12K + 12K  48,000  12K + 18K + 18K  48,000  12K + 18K + 18K  48,000  9K + 9K + 9K + 9K  9K + 9K + 9K + 12K  39,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 12K + 12K  42,000  9K + 9K + 12K + 12K  42,000  9K + 9K + 12K + 12K  45,000  9K + 9K + 12K + 12K  45,000  9K + 12K + 12K + 12K  45,000  9K + 12K + 12K + 12K  45,000  9K + 12K + 12K + 12K  45,000  9K + 9K + 9K + 9K + 9K  9K + 9K + 9K +		18K + 24K	42,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Units  A-VFH42PB 1, 2, 3,		24K + 24K	48,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Units  A-VFH42PB 1, 2, 3		9K + 9K + 9K	27,000
9K + 9K + 24K		9K + 9K + 12K	30,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  A-VFH42PB 1, 2, 3, 4 or		9K + 9K + 18K	36,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Units  A-VFH44PB 1, 2, 3, 4 or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5		9K + 9K +24K	42,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  A-VFH42PB 1, 2, 3, 4 or 5 Un		9K + 12K + 12K	33,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  9K + 18K + 24K  51,000  12K + 12K + 12K  12K + 12K + 18K  42,000  12K + 18K + 18K  48,000  12K + 18K + 18K  48,000  12K + 18K + 18K  54,000  9K + 9K + 9K + 9K  36,000  9K + 9K + 9K + 9K  36,000  9K + 9K + 9K + 12K  39,000  9K + 9K + 9K + 12K  51,000  9K + 9K + 12K + 12K  42,000  9K + 9K + 12K + 12K  42,000  9K + 12K + 12K + 12K  45,000  9K + 12K + 12K + 12K  45,000  9K + 12K + 12K + 12K  48,000  9K + 12K + 12K + 12K  48,000  9K + 9K + 9K + 9K + 9K  9K + 9K + 9K +		9K + 12K + 18K	39,000
A-VFH36QB 1, 2, 3, 4, or 5 Units  9K + 18K + 24K		9K + 12K + 24K	45,000
1, 2, 3, 4, or 5 Units  12K + 12K + 12K		9K + 18K + 18K	45,000
1, 2, 3, 4, or 5 Units  12K + 12K + 12K	V-MEH3EOB	9K + 18K + 24K	51,000
12K + 12K + 18K	1, 2, 3, 4, or	12K + 12K + 12K	36,000
12K + 18K + 18K	5 Units	12K + 12K + 18K	42,000
18K + 18K + 18K		12K + 12K + 24K	48,000
9K + 9K + 9K + 9K  36,000 9K + 9K + 9K + 12K  39,000 9K + 9K + 9K + 18K  45,000 9K + 9K + 9K + 12K  42,000 9K + 9K + 12K + 12K  42,000 9K + 9K + 12K + 12K  45,000 9K + 12K + 12K + 12K  45,000 9K + 12K + 12K + 12K  45,000 9K + 12K + 12K + 12K  48,000 9K + 9K + 9K + 9K + 9K  45,000 9K + 9K + 9K + 9K + 9K  45,000 9K + 9K + 9K + 9K + 12K  48,000 9K + 9K + 9K + 9K + 12K  54,000 9K + 9K + 9K + 12K  51,000 9K + 9K + 12K + 12K  54,000 9K + 9K + 12K + 12K  54,000 9K + 12K  21,000 9K + 12K  33,000 12K + 24K  33,000 12K + 24K  33,000 12K + 24K  36,000 12K + 24K  36,000 18K + 24K  42,000 18K + 24K  42,000 24K  42,000		12K + 18K + 18K	48,000
9K + 9K + 9K + 12K 39,000  9K + 9K + 9K + 18K 45,000  9K + 9K + 9K + 24K 51,000  9K + 9K + 12K + 12K 42,000  9K + 9K + 12K + 12K 42,000  9K + 9K + 12K + 12K 45,000  9K + 12K + 12K + 12K 45,000  9K + 12K + 12K + 12K 48,000  9K + 9K + 9K + 9K + 9K 45,000  9K + 9K + 9K + 9K + 9K 45,000  9K + 9K + 9K + 9K + 12K 51,000  9K + 9K + 9K + 9K + 12K 54,000  9K + 9K + 9K + 12K 54,000  9K + 9K + 12K 12K 54,000  9K + 9K + 12K 12K 12K 54,000  9K + 9K + 12K 12K 12K 54,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 30,000  9K + 12K 30,000  12K + 12K 33,000  12K + 12K 33,000  12K + 12K 33,000  12K + 24K 36,000  18K + 18K 36,000  18K + 24K 42,000  24K 42,000  24K 42,000  24K 42,000  24K 42,000  48K + 24K 42,000  24K 42,000		18K + 18K + 18K	54,000
9K + 9K + 9K + 18K		9K + 9K + 9K + 9K	36,000
9K + 9K + 24K 51,000  9K + 9K + 12K + 12K 42,000  9K + 9K + 12K + 18K 48,000  9K + 12K + 12K + 12K 45,000  9K + 12K + 12K + 12K 48,000  9K + 12K + 12K + 12K 48,000  9K + 9K + 9K + 9K + 9K 45,000  9K + 9K + 9K + 9K + 12K 48,000  9K + 9K + 9K + 12K 51,000  9K + 9K + 9K + 12K 51,000  9K + 9K + 9K + 12K 51,000  9K + 9K + 12K + 12K 54,000  9K + 9K + 12K + 12K 54,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 30,000  9K + 12K 30,000  12K + 12K 33,000  12K + 12K 33,000  12K + 12K 33,000  12K + 24K 36,000  18K + 12K 36,000  18K + 24K 42,000  24K + 24K 42,000  24K + 24K 48,000		9K + 9K + 9K + 12K	39,000
9K + 9K + 12K + 12K		9K + 9K + 9K + 18K	45,000
9K + 9K + 12K + 18K		9K + 9K + 9K + 24K	51,000
9K + 12K + 12K + 12K		9K + 9K + 12K + 12K	42,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K + 12K + 12K + 18K 51,000  12K + 12K + 12K + 12K 48,000  9K+9K+9K+9K+9K+9K 45,000  9K+9K+9K+9K+12K 48,000  9K+9K+9K+12K 54,000  21K 21K 21,000  24K 24,000  9K + 12K 21,000  9K + 12K 21,000  9K + 12K 30,000  9K + 24K 33,000  12K + 24K 33,000  12K + 12K 30,000  12K + 12K 30,000  12K + 12K 40,000  12K + 12K 30,000  12K + 12K 30,000  12K + 12K 40,000  12K + 12K 30,000  12K + 24K 30,000  12K + 24K 30,000  18K + 12K 42,000  24K + 24K 42,000  24K + 24K 48,000		9K + 9K + 12K + 18K	48,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  12K + 12K + 12K		9K + 12K + 12K + 12K	45,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K+9K+9K+9K+9K  A5,000  9K+9K+9K+9K+12K  48,000  9K+9K+9K+9K+18K  54,000  9K+9K+9K+12K+12K  51,000  21K  24K  24,000  9K + 12K  21,000  9K + 12K  21,000  9K + 12K  21,000  9K + 12K  21,000  1K  24K  24,000  1K  24K  30,000  1K  12K + 12K  30,000  12K + 24K  30,000  18K + 12K  42,000  24K + 24K  48,000		9K + 12K + 12K + 18K	51,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K+9K+9K+9K+12K  A-VFH42PB 1, 2, 3, 4 or 5 Units  9K+9K+9K+9K+12K  9K+9K+12K+12K  48,000  9K+9K+12K+12K  54,000  21K  24K  24,000  9K + 12K  21,000  9K + 12K  21,000  9K + 12K  21,000  9K + 18K  27,000  9K + 24K  33,000  12K + 24K  33,000  12K + 12K  30,000  12K + 12K  30,000  12K + 12K  42,000  12K + 24K  36,000  18K + 18K  36,000  18K + 24K  42,000  24K + 24K  48,000		12K + 12K + 12K + 12K	48,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K+9K+9K+9K+12K  12K 24,000  9K + 12K 24,000  9K + 12K 21,000  1K + 12K 30,000  1K + 12K 44K 36,000  1K + 12K 42K 42,000  2K + 2K 42K 42,000		9K+9K+9K+9K+9K	45,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K+9K+9K+12K+12K  9K+9K+12K+12K  54,000  21K  21K  21,000  24K  24K  24,000  9K + 12K  27,000  9K + 21K  30,000  12K + 24K  33,000  12K + 12K  24,000  12K + 12K  30,000  12K + 12K  30,000  12K + 12K  30,000  12K + 12K  30,000  12K + 24K  42,000  24K + 24K  48,000		9K+9K+9K+9K+12K	48,000
A-VFH42PB 1, 2, 3, 4 or 5 Units    Second Se		9K+9K+9K+9K+18K	54,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  21K 224,000  9K + 12K 21,000  9K + 18K 27,000  9K + 21K 30,000  9K + 24K 33,000  12K + 12K 24,000  12K + 12K 30,000  12K + 21K 30,000  12K + 21K 30,000  12K + 24K 36,000  18K + 18K 36,000  18K + 24K 42,000  24K + 24K 48,000		9K+9K+9K+12K+12K	51,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  24K  24,000  9K + 12K  21,000  9K + 18K  27,000  9K + 21K  30,000  9K + 24K  33,000  12K + 12K  24,000  12K + 12K  30,000  12K + 21K  30,000  12K + 24K  36,000  18K + 18K  36,000  18K + 24K  42,000  24K + 24K  48,000		9K+9K+12K+12K+12K	
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K + 12K 27,000  9K + 21K 30,000  9K + 24K 33,000  12K + 12K 24,000  12K + 18K 30,000  12K + 21K 33,000  12K + 24K 36,000  18K + 18K 36,000  18K + 24K 42,000  24K + 24K 48,000		21K	21,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  9K + 21K 30,000  9K + 24K 33,000  12K + 12K 24,000  12K + 18K 30,000  12K + 21K 33,000  12K + 24K 36,000  18K + 18K 36,000  18K + 24K 42,000  24K + 24K 48,000		24K	24,000
9K + 21K 30,000 9K + 24K 33,000 1,2,3,4 or 5 Units 12K + 12K 24,000 12K + 21K 33,000 12K + 21K 33,000 12K + 24K 36,000 18K + 18K 36,000 18K + 24K 42,000 24K + 24K 48,000		9K + 12K	21,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  12K + 12K		9K + 18K	27,000
A-VFH42PB 1, 2, 3, 4 or 5 Units  12K + 12K		9K + 21K	30,000
1, 2, 3, 4 or 5 Units  12K + 18K 30,000  12K + 21K 33,000  12K + 24K 36,000  18K + 18K 36,000  18K + 24K 42,000  24K + 24K 48,000		9K + 24K	33,000
Units 12K + 18K 30,000 12K + 21K 33,000 12K + 24K 36,000 18K + 18K 36,000 18K + 24K 42,000 24K + 24K 48,000		12K + 12K	24,000
12K + 21K 33,000 12K + 24K 36,000 18K + 18K 36,000 18K + 24K 42,000 24K + 24K 48,000		12K + 18K	
12K + 24K 36,000 18K + 18K 36,000 18K + 24K 42,000 24K + 24K 48,000			
18K + 18K 36,000 18K + 24K 42,000 24K + 24K 48,000			
18K + 24K 42,000 24K + 24K 48,000			
24K + 24K 48,000			

Zones	Indoor Units*	Total BTUH
Lones	9K + 9K + 12K	30,000
	9K + 9K + 18K	36,000
	9K + 9K + 21K	39,000
	9K + 9K + 21K	
	9K + 9K + 24K 9K + 12K + 12K	42,000
		33,000
	9K + 12K + 18K	39,000
	9K + 12K + 24K	45,000
	9K + 18K + 18K	45,000
	9K + 18K + 24K	51,000
	9K + 24K + 24K	57,000
	12K + 12K + 12K	36,000
	12K + 12K + 18K	42,000
	12K + 12K + 24K	48,000
	12K + 18K + 18K	48,000
	12K + 18K + 21K	51,000
	12K + 18K + 24K	54,000
	12K + 24K + 24K	60,000
	18K + 18K + 18K	54,000
	18K + 18K + 24K	60,000
	9K + 9K + 9K + 9K	36,000
	9K + 9K + 9K + 12K	39,000
	9K + 9K + 9K + 18K	45,000
	9K + 9K + 9K + 21K	48,000
	9K + 9K + 9K + 24K	51,000
A -VFH42PB	9K + 9K + 12K + 12K	42,000
1, 2, 3, 4 or 5 Units	9K + 9K + 12K + 18K	48,000
	9K + 9K + 12K + 24K	54,000
	9K + 9K + 18K + 18K	54,000
	9K + 9K + 18K + 24K	60,000
	9K + 12K + 12K + 12K	45,000
	9K + 12K + 12K + 18K	51,000
	9K + 12K + 12K + 24K	57,000
	9K + 12K + 18K + 18K	57,000
	9K + 18K + 18K + 18K	63,000
	12K + 12K + 12K + 12K	48,000
	12K + 12K + 12K + 18K	54,000
	12K + 12K + 12K + 24K	60,000
	12K + 12K + 18K + 18K	60,000
	9K+9K+9K+9K+9K	45,000
	9K+9K+9K+9K+12K	48,000
	9K+9K+9K+9K+18K	54,000
	9K+9K+9K+9K+24K	60,000
	9K+9K+9K+12K+12K	51,000
	9K+9K+9K+12K+18K	57,000
	9K+9K+9K+18K+18K	63,000
	9K+9K+12K+12K+12K	54,000
	9K+9K+12K+12K+18K	60,000
	9K+12K+12K+12K+12K	57,000
	9K+12K+12K+12K+12K 9K+12K+12K+12K+18K	
		63,000
	12K+12K+12K+12K+12K	60,000

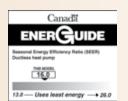
# WHAT DO WE MEAN BY ENERGY EFFICIENCY?

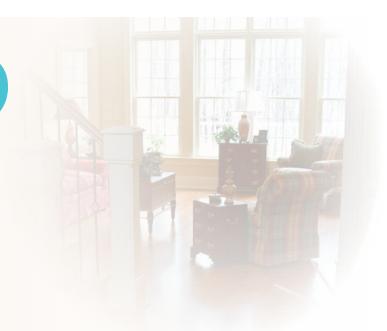
In recent years, heating and cooling manufacturers have made significant advances in the efficiency of systems in terms of energy usage. This is an especially important purchase consideration as fuel prices continue to rise.

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 up to 22.0 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 10.20 HSPF (9.0 for 18K model, 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.

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer.

Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product.

Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.



