

Spec Sheet

Genuine Comfort Inverter Vertical Terminal Heat Pump

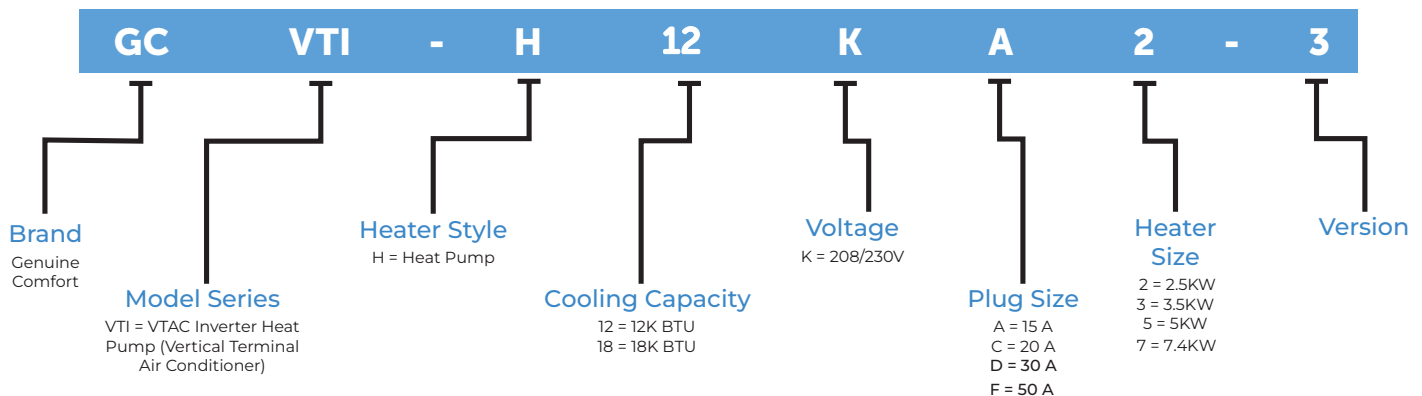
FEATURES

- "Ductable" to Multiple Rooms
- Three Indoor Fan Speeds
- Easily Reachable Disconnect Switch
- Error Code Display for easy Diagnostic
- Dual Motors for Quiet & Efficient Operation
- 24 Volt Wall Thermostat Control Option
- Compressor Time Delay Protection and Efficiency
- R32 Refrigerant
- Automated Room Freeze Protection (10C/50F)
- Low Ambient Operation Down to -15C
- Genuine Care Warranty: 1 Year Unit Replacement (if parts and labour is not available), 6 Year Parts Replacement



MODEL IDENTIFICATION

Example: GCVTI-H12KA2-3



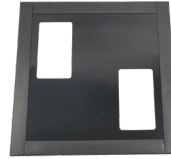
ACCESSORIES



**INTERIOR FRONT
PANEL**



**PLENUM
EXTENSION**



BASE



**ARCHITECTURAL
GRILLE**



**WIRED / WIRELESS
THERMOSTAT**



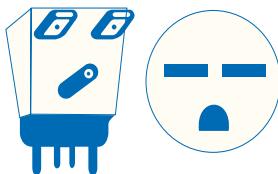
**OCCUPANCY
SENSOR THERMOSTAT**



EMS THERMOSTAT

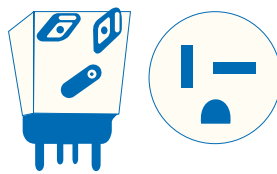
PLUG TYPE

TANDEM



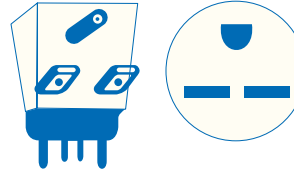
208V/230V 15A

PERPENDICULAR



208V/230V 20A

LARGE TANDEM



208V/230V 30A

SPECIFICATIONS (HEAT PUMP W/ ELECTRIC HEAT)

Model ID		GCVTI-H12KA2-3		GCVTI-H12KC3-3		GCVTI-H12KD5-3	
Power Supply	Voltage (1 Ph., 60Hz)	V	230/208V	230/208V	230/208V	230/208V	230/208V
	Capacity	Btu/h	12600 / 12600	12600 / 12600	12600 / 12600	12600 / 12600	12600 / 12600
Cooling	Capacity Range	Btu/h	5700-15300	5700-15300	5700-15300	5700-15300	5700-15300
	Input	W	1100/1100	1100/1100	1100/1100	1100/1100	1100/1100
	EER		11.1/11.1	11.1/11.1	11.1/11.1	11.1/11.1	11.1/11.1
Heating	Capacity	Btu/h	12300/12300	12300/12300	12300/12300	12300/12300	12300/12300
	Input	W	1115/1115	1115/1115	1115/1115	1115/1115	1115/1115
	COP		3.2	3.2	3.2	3.2	3.2
Electric Heater	Capacity	Btu/h	7472/9042	9980/12113	14450/17572	14450/17572	14450/17572
	Input	W	2190/2650	2925/3550	4235/5150	4235/5150	4235/5150
	COP		0.95/0.97	0.96/0.97	0.97/0.97	0.97/0.97	0.97/0.97
Max Input Consumption		W	2650	3550	5150	5150	5150
Max Current		A	11.6	15.50	22.4	22.4	22.4
Indoor Air Flow (L/H)		CFM	290/390	290/390	365/440	365/440	365/440
Indoor Sound Level (L/M/H)		dB(a)	60/62/64	60/62/64	60/62/64	60/62/64	60/62/64
Outdoor Sound Level (L/M/H)		dB(a)	66	66	66	66	66
Unit Dimensions (W x H x D)		inch	23-1/9 x 29-1/3 x 23-1/9	23-1/9 x 29-1/3 x 23-1/9	23-1/9 x 29-1/3 x 23-1/9	23-1/9 x 29-1/3 x 23-1/9	23-1/9 x 29-1/3 x 23-1/9
Package Dimension (W x H x D)		inch	25 x 32-1/16 x 26-3/16	25 x 32-1/16 x 26-3/16	25 x 32-1/16 x 26-3/16	25 x 32-1/16 x 26-3/16	25 x 32-1/16 x 26-3/16
Net/Gross Weight		lbs.	126 / 143	126 / 143	126 / 143	126 / 143	126 / 143
Refrigerant Type			R32	R32	R32	R32	R32
Operation Temperature (Indoor)	°C		16 - 32	16 - 32	16 - 32	16 - 32	16 - 32
	°F		60 - 90	60 - 90	60 - 90	60 - 90	60 - 90
Ambient Temperature (Outdoor)	°C (Cooling)		12 - 48	12 - 48	12 - 48	12 - 48	12 - 48
	°F (Cooling)		54 - 118	54 - 118	54 - 118	54 - 118	54 - 118
	°C (Heating)		-15 - 27	-15 - 27	-15 - 27	-15 - 27	-15 - 27
	°F (Heating)		5 - 81	5 - 81	5 - 81	5 - 81	5 - 81
Cord Type			LCDI-15A	LCDI-20A	LCDI-30A	LCDI-30A	LCDI-30A
Cord Length		Ft	6.5	6.5	6.5	6.5	6.5

SPECIFICATIONS (HEAT PUMP W/ ELECTRIC HEAT) (CONTINUED)

Model ID		GCVTI-H18KD5-3		GCVTI-H18KF7-3
Power Supply	Voltage (1 Ph., 60Hz)	V	230/208V	230/208V
	Capacity	Btu/h	18300/18300	18300/18300
Cooling	Capacity Range	Btu/h	8500 - 22400	8500 - 22400
	Input	WA	1890/1890	1890/1890
	EER		9.7/9.7	9.7/9.7
Heating	Capacity	Btu/h	18000/18000	18000/18000
	Input	WA	1640/1640	1640/1640
	COP		3.2	3.1
Electric Heater	Capacity	Btu/h	14689/17794	20831/25301
	Input	WA	4305/5215	6105/7415
	COP		0.95/0.96	0.96/0.97
Max Input Consumption		WA	5215	7415
Max Current		A	22.7	32.3
Indoor Air Flow (L/M/H)		CFM	635/675	635/720
Indoor Sound Level (L/M/H)		dB(a)	60/62/64	60/62/64
Outdoor Sound Level (L/M/H)		dB(a)	66	66
Unit Dimensions (W x H x D)		inch	22-11/16 x 47-1/6 x 24-3/14	22-11/16 x 47-1/6 x 24-3/14
Package Dimension (W x H x D)		inch	25 x 50 x 26-3/16	25 x 50 x 26-3/16
Net/Gross Weight		lbs.	126 / 143	126 / 143
Refrigerant Type			R32	R32
Operation Temperature (Indoor)	°C		16 - 32	16 - 32
	°F		60 - 90	60 - 90
Ambient Temperature (Outdoor)	°C (Cooling)		12 - 48	12 - 48
	°F (Cooling)		54 - 118	54 - 118
	°C (Heating)		-15 - 27	-15 - 27
	°F (Heating)		5 - 81	5 - 81
Cord Type			LCDI-30A	Hardwire
Cord Length		Ft	6.5	