



GREE			Multi-F	Room Ductless hea	it-pump systems
Submittal Data: MULTI3	0HP230V1CO	30,000 BTU	/H Wall Mo	ounted Heat- Pum	o System
Job Name		Location		Date	
Purchaser		Engineer			
Submitted To		For □ R	eference	☐ Approval ☐	Construction
Unit Designation		Schedule N	No.		
GENERAL FEATURES					
-Up to 4 Indoor Units (4-Port)				· 6	
-EnergyStar Rated				GREE	
-G10 DC Inverter Technology				OKEE	
-Quiet Operation - Both Indoor & Outdoor					
-Acrylic Resin/Anti-Corrosion Coil Protection In	nside & Out				
-Intelligent Defrost					
-Auto Restart on Power Outages				The state of the s	
-Mulit-point Diagnostics		AHRI Certifie	ad Ref No: 9956	5416 (non-ducted) & 995	6593 (ducted)
-Limited 5 yr Parts Warranty		Arma cerane	24 NCT 140. 3330	5410 (Holl ducted) & 555	osss (udeted)
System Rating	gs			tdoor Unit Data	
Non-Ducted Indoor		Compressor	Type	DC In	verter Driven Rotary
Rated Cooling Capacity	28,400 BTUH		RLA		13.9 A
Cooling Capacity (min-max)	8,189-33,438 BTUH				
Rated Heating Capacity	30,00 BTUH	Fan Motor	Output Pow	er	100 W
Heating Capacity (min-max)	8,189-32,414 BTUH		FLA		0.7 A
SEER/EER	21.0/12.5		Air Flow (Ma	ax)	2,354 CFM
HSPF/COP	11.5/3.7				
L		Sound Pressu	ure		ΓO -II- (Λ)
Ducted Indoor	20 400 DTIIII	Cooling			59 db(A)
Rated Cooling Capacity	28,400 BTUH	Heating			59 db(A)
Cooling Capacity (min-max)	6,200-30,800 BTUH 30,000 BTUH	Dimensions 9) Wajahta		
Rated Heating Capacity Heating Capacity (min-max)	6,500-32,500 BTUH	Dimensions &	ions (LxHxD)	,	38.4 x 31.0 x 17.3 -in
SEER/EER	16.0/10.5	Weight (Net	, ,	`	154.0/169.4 LBS
HSPF/COP	8.5/3.3	weight (Net	/Snipping)		134.0/109.4 LD3
INSEP/COF	0.3/3.3	Min. Number o	of Indoor I Inite	•	2
Operating Range		Max. Number			Δ
Cooling (min-max)	0 ~ 118°F	Wax. Number		gerant Piping Data	7
(Hill-Hax)	-18 ~ 48°C	Refrigerant 1		crant riping Data	R410A
Heating (min-max)	-4 ~ 86°F	Refrigerant (• •		98.7 oz
(min max)	-20 ~ 30°C	ı -	harge Per Line	e Lenath	0.21-oz/fi
	20 00 0	Connection I	-		Flared
Power Supply			rge for Total L	ine Lenath	131-fi
Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz	1	erant Pipe Ler	-	230-fi
Voltage Range	187 - 253 V		•	ength to any Indoor Un	
Main Power Wire Size	10-2 AWG	ı		ngth to any Indoor Uni	
Interconnecting Cable Wire Size	14-4 AWG	ľ	on between In	•	25-f
MCA	20.0 A		m Outdoor to I		49-fi
MOCP/Breaker Size	30 A		om Outdoor to		49-f

R4110/A

ALRI CERTIFIED

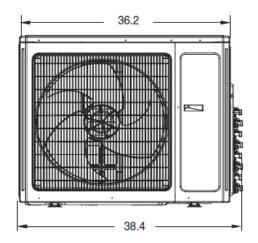
INVERTER

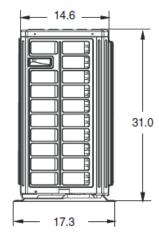
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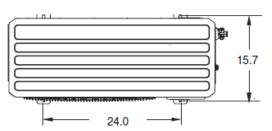
Units: inch

30,000 BTUH MODEL

Model # MULTI30HP230V1CO 30,000 BTUH 230V







Suction/Gas Line Port Size

Port A	3/8-in OD Flared
Port B	3/8-in OD Flared
Port C	3/8-in OD Flared
Port D	3/8-in OD Flared

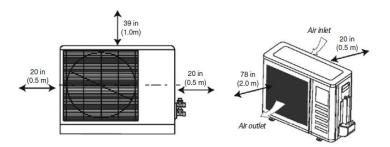
Liquid Line Port Size

Port A	1/4-in OD Flared
Port B	1/4-in OD Flared
Port C	1/4-in OD Flared
Port D	1/4-in OD Flared

Factory Supplied Piping Adapters

Adapter	P/N	Qty
3/8 (F) to 5/8 (M)	6654100009	2
3/8 (F) to 1/2 (M)	6654100013	4
1/4 (F) to 3/8 (M)	6654104	2

MINIMUM SPACING REQUIREMENTS



Notes

- 1. Recommended Interconnecting Cable Type Stranded Copper Conductors THHN 600V Unshielded Wire
- 2. Power wiring cable size must comply with applicable national and local codes.
- 3. Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All rights reserved.

Units: inch (mm)

INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

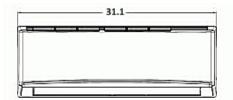
MULTI30HP230V1CO

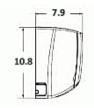




Units: inch

Model # LIVS09HP230V1xH 9,000 BTUH 230V





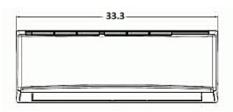
9,000 BTUH MODEL

Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
9,000	9,500	318	1.7	28/43

Note: Size Refrigerant lines based on evaporator port sizes.

Model # LIVS12HP230V1xH 12,000 BTUH 230V





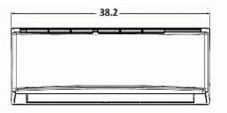
12,000 BTUH MODEL

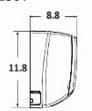
Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
12,000	13,000	400	3.0	29/45

Note: Size Refrigerant lines based on evaporator port sizes.

Model # LIVS18HP230V1xH 18,000 BTUH 230V





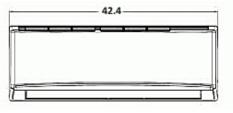
18,	UUU	ΒI	UH	IVIU	DEL

Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
18,000	19,000	471	3.8	35/46

Note: Size Refrigerant lines based on evaporator port sizes.

Model # LIVS24HP230V1xH 24,000 BTUH 230V





24,000 BTUH MODEL

Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	5/8-in OD Flared
Drain Connector	5/8-in OD

Rated Cooling	Rated Heating	Max. CFM	Dehum	Min/Max Sound
(BtuH)	(BtuH)		(Pt/Hr)	Power dB(A)**
22,000	23,000	706	5.3	36/48

Note: Size Refrigerant lines based on evaporator port sizes.

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^{**}Sound Power ratings are per AHRI 270 and AHRI 350

INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

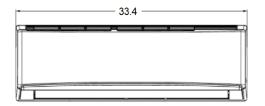


Units: inch

MULTI30HP230V1CO

9,000 AND 12,000 BTUH MODELS

Model # VIR09HP230V1xH 9,000 BTUH 230V Model # VIR12HP230V1xH 12,000 BTUH 230V





9,000 BTU				
Liquid Line Valve 1/4-in OD Flared				
Suction/Gas Line Valve	3/8-in OD Flared			
Drain Connector	5/8-in OD			

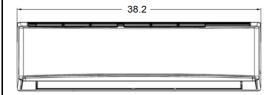
12,000 BTU				
Liquid Line Valve	1/4-in OD Flared			
Suction/Gas Line Valve	1/2-in OD Flared			
Drain Connector	5/8-in OD			

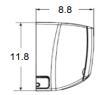
Note: Size Refrigerant lines based on evaporator port sizes.

Indoor Capacity Size	Rated Cooling	Rated Heating	Max. CFM	Dehum (Pt/Hr)	Min/Max Sound Power dB(A)**
9,000 BTUH	9,000	11,000	377	1.7	29/43
12,000 BTUH	12,000	13,000	400	3.0	29/45

18,000 BTUH MODEL

Model # VIR18HP230V1xH 18,000 BTUH 230V





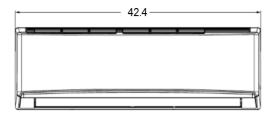
Liquid Line Valve	1/4-in OD Flared	
Suction/Gas Line Valve	5/8-in OD Flared	
Drain Connector	5/8-in OD	

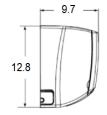
Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated	May CEM	Dehumid.	Min/Max Sound
	Heating	Max. CFM	(Pt/Hr)	Power dB(A)**
18,000	19,800	559	3.8	39/47

24,000 BTUH MODEL

Model # VIR24HP230V1xH 24,000 BTUH 230V





Liquid Line Valve	1/4-in OD Flared	
Suction/Gas Line Valve	5/8-in OD Flared	
Drain Connector	5/8-in OD	

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated Heating	Max. CFM	Dehumid. (Pt/Hr)	Min/Max Sound Power dB(A)**
22,000	23,000	706	4.2	36/48

^{**}Sound Power ratings are per AHRI 270 and AHRI 350

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INDOOR DUCTLESS DIMENSIONAL SPECIFICATIONS

MULTI30HP230V1CO

Units: inch (mm)

9,000 AND 12,000 BTUH MODELS

Model # TERRA09HP230V1AH 9,000 BTUH 230V Model # TERRA12HP230V1AH 12,000 BTUH 230V







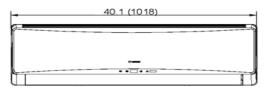
Liquid Line Valve	1/4-in OD Flared	
Suction/Gas Line Valve	1/2-in OD Flared	
Drain Connector	5/8-in OD	

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated Heating	Max. CFM	Dehumid. (Pt/Hr)	Min/Max Sound Power dB(A)**
9,000	9,800	418	1.9	23/43
12,000	13,000	453	3	24/44

18,000 BTUH MODEL

Model # TERRA18HP230V1BH 18,000 BTUH 230V





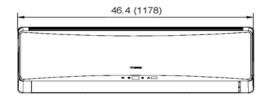
Liquid Line Valve	1/4-in OD Flared	
Suction/Gas Line Valve	5/8-in OD Flared	
Drain Connector	5/8-in OD	

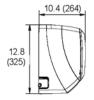
Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated	Max. CFM	Dehumid.	Min/Max Sound
	Heating	IVIax. CFIVI	(Pt/Hr)	Power dB(A)**
18,000	19,000	559	3.8	33/51

24,000 BTUH MODEL

Model # TERRA24HP230V1AH 24,000 BTUH 230V





Liquid Line Valve	1/4-in OD Flared					
Suction/Gas Line Valve	5/8-in OD Flared					
Drain Connector	5/8-in OD					

Note: Size Refrigerant lines based on evaporator port sizes.

Pated Cooling (PtuH)	Rated	Max. CFM	Dehumid.	Min/Max Sound	
Rated Cooling (BtuH)	Heating	IVIAX. CFIVI	(Pt/Hr)	Power dB(A)**	
24,000	25,000	647	5.3	38/52	

^{**}Sound Power ratings are per AHRI 270 and AHRI 350

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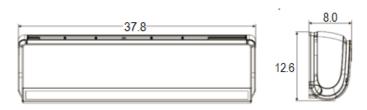




Units: inch

9,000 BTUH MODELS

Model # CROWN09HP230V1xH 9,000 BTUH 230V



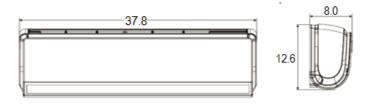
Liquid Line Valve	1/4-in OD Flared					
Suction/Gas Line Valve	1/2-in OD Flared					
Drain Connector	5/8-in OD					

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated Heating	Max. CFM	Dehumid. (Pt/Hr)	Min/Max Sound Power dB(A)**	
9,000	9,000	412	1.7	22/41	

12,000 BTUH MODEL

Model # CROWN12HP230V1xH 12,000 BTUH 230V



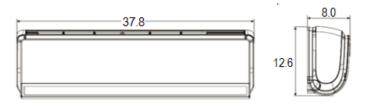
Liquid Line Valve	1/4-in OD Flared
Suction/Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated	Max. CFM	Dehumid.	Min/Max Sound	
	Heating		(Pt/Hr)	Power dB(A)**	
12,000	13,000	471	3.0	23/42	

18,000 BTUH MODEL

Model # CROWN18HP230V1xH 18,000 BTUH 230V



Liquid Line Valve	1/4-in OD Flared				
Suction/Gas Line Valve	5/8-in OD Flared				
Drain Connector	5/8-in OD				

Note: Size Refrigerant lines based on evaporator port sizes.

Rated Cooling (BtuH)	Rated	Max. CFM	Dehumid.	Min/Max Sound	
Rated Cooling (Blun)	Heating	IVIAX. CI IVI	(Pt/Hr)	Power dB(A)**	
18,000	19,000	530	3.8	26/48	

^{**}Sound Power ratings are per AHRI 270 and AHRI 350

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COOLING CAPACITY (BTUH)

Indoor Units	Rated System	Indoor	Indoor	Indoor	Indoor
Combinations	Capacity	Unit A	Unit B	Unit C	Unit D
	(BtuH)	(BtuH)	(BtuH)	(BtuH)	(BtuH)
9+9	18,000	9,000	9,000	NA	NA
9+12	21,000	9,000	12,000	NA	NA
9+18	22,950	7,650	15,300	NA	NA
9+24	27,780	7,380	20,400	NA	NA
12+12	24,000	12,000	12,000	NA	NA
12+18	25,500	10,200	15,300	NA	NA
12+24	28,860	9,420	19,440	NA	NA
18+18	28,360	14,180	14,180	NA	NA
18+24	29,100	12,000	17,100	NA	NA
9+9+9	25,500	8,500	8,500	8,500	NA
9+9+12	26,200	8,000	8,000	10,200	NA
9+9+18	29,800	7,650	7,650	14,500	NA
9+9+24	29,800	6,300	6,300	17,200	NA
9+12+12	28,200	8,200	10,000	10,000	NA
9+12+18	29,600	7,000	8,600	14,000	NA
12+12+12	28,500	9,500	9,500	9,500	NA
12+12+18	30,200	8,600	8,600	13,000	NA
9K + 9K + 9K + 9K	29,600	7,400	7,400	7,400	7,400
9K + 9K + 9K + 12K	29,700	7,100	7,100	7,100	8,400
9K + 9K + 12K + 12K	29,600	6,800	6,800	8,000	8,000

HEATING CAPACITY (BTUH)

Indoor Units	Rated System	Indoor	Indoor	Indoor	Indoor
Combinations	Capacity	Unit A	Unit B	Unit C	Unit D
	(BtuH)	(BtuH)	(BtuH)	(BtuH)	(BtuH)
9+9	19,000	9,500	9,500	NA	NA
9+12	22,500	9,500	13,000	NA	NA
9+18	25,380	8,460	16,920	NA	NA
9+24	30,840	8,280	22,560	NA	NA
12+12	26,000	13,000	13,000	NA	NA
12+18	28,200	11,280	16,920	NA	NA
12+24	29,900	9,900	20,000	NA	NA
18+18	30,200	15,100	15,100	NA	NA
18+24	31,800	13,300	18,500	NA	NA
9+9+9	28,500	9,500	9,500	9,500	NA
9+9+12	28,800	8,800	8,800	11,200	NA
9+9+18	31,100	7,900	7,900	15,300	NA
9+9+24	31,500	6,750	6,750	18,000	NA
9+12+12	28,900	8,500	10,200	10,200	NA
9+12+18	30,700	7,200	9,000	14,500	NA
12+12+12	29,700	9,900	9,900	9,900	NA
12+12+18	31,500	9,000	9,000	13,500	NA
9K + 9K + 9K + 9K	30,800	7,700	7,700	7,700	7,700
9K + 9K + 9K + 12K	31,300	7,300	7,300	7,300	9,400
9K + 9K + 12K + 12K	31,600	6,800	6,800	9,000	9,000

Capacity data is based on the following conditions:

Cooling Nominal Test Conditions Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

COOLING PERFORMANCE

			Indoor Ambient Temperature											
	DB	70°F (21°C)				75°F (24°C)			80°F (27°C)			90°F (32°C)		
	WB		59°F (15°	(C)		63°F (17°	(C)		67°F (19°	(C)	73°F (23°C)			
		TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	
	-0.4°F (-18°C)	17,230	13,510	1,050	19,430	15,240	1,110	20,540	16,110	1,150	23,150	18,150	1,230	
	5°F (-15°C)	17,670	13,860	1,050	19,930	15,630	1,120	21,320	16,720	1,150	23,730	18,620	1,230	
	14°F (-10°C)	18,500	14,510	1,060	20,870	16,370	1,120	22,060	17,300	1,160	24,860	19,490	1,240	
Qu	23°F (-5°C)	20,270	15,900	1,060	23,090	18,110	1,120	24,840	19,490	1,150	27,330	21,430	1,230	
Outdoor	32°F (0°C)	20,368	17,612	1,430	23,281	19,840	1,430	25,621	21,538	1,699	26,748	25,005	1,612	
r Am	41°F (5°C)	21,413	18,515	1,503	24,474	20,857	1,503	26,935	22,643	1,786	28,119	26,288	1,695	
Ambient	50°F (10°C)	22,305	19,287	1,566	25,494	21,726	1,566	28,057	23,586	1,860	29,291	27,383	1,765	
	59°F (15°C)	23,500	20,320	1,650	26,860	22,890	1,650	29,560	24,850	1,960	30,860	28,850	1,860	
Temperature	68°F (20°C)	24,520	21,135	1,736	27,550	23,714	1,760	30,313	25,704	2,009	31,228	29,201	2,025	
ratu	77°F (25°C)	28,631	23,264	2,108	31,071	25,502	2,111	33,852	27,389	2,365	37,373	28,573	2,402	
(D	86°F (30°C)	30,859	24,172	2,826	33,084	26,134	2,853	35,179	32,712	2,905	39,601	29,290	2,955	
(DB)	95°F (35°C)	28,914	23,131	3,099	31,218	25,298	3,121	33,654	26,154	3,206	37,012	28,522	3,267	
	104°F (40°C)	22,851	20,906	2,566	24,550	22,872	2,583	26,052	24,462	2,773	28,321	25,171	2,668	
	113°F (45°C)	17,839	17,658	2,172	19,214	19,057	2,207	25,738	25,110	2,835	21,800	21,387	2,244	
	118°F (48°C)	13,700	13,628	1,708	15,030	14,908	1,762	16,634	16,382	1,896	17,770	17,433	1,867	

HEATING PERFORMANCE

			Indoor Ambient Temperature											
	DB		70°F (21°	C)		75°F (24°C)			80°F (27°C)			90°F (32°C)		
	WB		59°F (15°	C)		63°F (17°	C)		67°F (19°	C)		73°F (23°	C)	
	DB	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	TC (BtuH)	SC (BtuH)	Input Power (watts)	
	-4°F (-20°C)	17,060	17,060	1,500	16,580	16,580	1,530	16,260	16,260	1,580	15,850	15,850	1,620	
2	0°F (-18°C)	18,500	18,500	1,650	17,960	17,960	1,680	17,630	17,630	1,740	17,160	17,160	1,780	
tdoc	5°F (-15°C)	19,510	19,510	1,720	18,950	18,950	1,750	18,590	18,590	1,820	18,110	18,110	1,860	
r An	7°F (-14°C)	20,010	20,010	1,750	19,050	19,050	1,790	19,360	19,360	1,870	18,860	18,860	1,920	
nbie	17°F (-8°C)	20,940	20,940	1,790	20,330	20,330	1,830	19,950	19,950	1,900	19,420	19,420	1,940	
] T (28°F (-2°C)	23,660	23,660	1,910	23,040	23,040	1,950	22,380	22,380	2,020	22,110	22,110	2,070	
mpe	38°F (3°C)	29,420	29,420	2,200	28,800	28,800	2,240	28,140	28,140	2,330	27,870	27,870	2,380	
Outdoor Ambient Temperature	47°F (8°C)	33,250	33,250	2,290	32,240	32,240	2,330	31,600	31,600	2,420	30,730	30,730	2,480	
] e	57°F (14°C)	34,350	34,350	2,330	33,310	33,310	2,380	32,650	32,650	2,470	31,740	31,740	2,520	
(DB)	68°F (20°C)	35,750	35,750	2,410	34,660	34,660	2,460	33,970	33,970	2,550	33,030	33,030	2,610	
	77°F (25°C)	36,580	36,580	2,470	35,470	35,470	2,520	34,760	34,760	2,620	33,800	33,800	2,680	

LEGEND

DB --- Dry Bulb TC --- Total Net Cooling Capacity (BtuH) Input Power---(Watts)

WB --- Wet Bulb SC --- Sensible Capacity (BtuH)

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