



TECHNICAL GUIDE

AFFINITY

R-410A SPLIT-SYSTEM AIR CONDITIONERS UP TO 18 SEER

MODELS:

**CZE024 THRU 060
(2 THRU 5 NOMINAL TONS)**



CERTIFICATION APPLIES ONLY
WHEN THE COMPLETE
SYSTEM IS LISTED
WITH ARI.



Due to continuous product improvement, specifications are subject to change without notice.

Visit us on the web at www.york.com for the most up-to-date technical information.

Additional rating information can be found at www.ariprimer.net.org.

DESCRIPTION

The CZE Series condensing unit is the outdoor part of a versatile air conditioning system. It is designed to be custom matched with one of our complete line of evaporator sections, each designed to serve a specific function. Matching air handlers are available for upflow, downflow, and horizontal left or right application to provide a complete system. Electric heaters are available if required. Add-on coils are available for use with upflow, downflow, or horizontal furnaces. Field installed accessories are available as needed.

WARRANTY

5-year limited parts warranty.

10-year limited compressor warranty.

Premium System Warranty - Limited lifetime compressor and 10-year parts when matched with an approved York Affinity furnace and coil or UPG air handler.

FEATURES

- **Superior Coil Protection** – A stamped decorative metal coil guard completely protects coil from debris and other large damaging material while a polymer mesh further protects the coil against smaller particles.
- **Color Grilles** - Engineered around the needs and wants of the consumer, Affinity units are now available with a choice of color options designed to compliment any home.
- **Isolated Compressor Compartment** – A molded composite bulkhead isolates the compressor from the rest of the unit reducing sound and vibration.
- **Protected Compressors** – Each compressor is protected against abnormal pressures by an internal pressure relief valve and factory installed high and low pressure controls.
- **Environmentally Friendly Refrigerant** – Next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish** – Automotive quality finish provides the ultimate protection from harmful U.V. rays and rust creep ensuring long-lasting high quality appearance. A powder-paint topcoat is applied over a baked-on primer, using a galvanized, zinc coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- **Lower Installed Cost** – Designed to provide enhanced installability by featuring a slide-down control compartment and angled service valves to reduce overall installation time and cost.
- **Low Operating Sound Levels** – A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper quiet operation by allowing airflow to flow smoothly and efficiently across the fan tips.
- **Filter-Drier** – A factory installed, solid core liquid line filter-drier filters harmful debris and moisture from the system.
- **Easy Service Access** – A full end, full service, access panel with handle makes for easy entry to internal components.
- **Composite Base** - Strong and durable composite base pan resists rust and corrosion while it helps reduce vibrations and noise.
- **Quiet drive system** - The swept-wing fan, composite base pan, isolated compressor compartment, electronically controlled fan motor and two-stage compressor are engineered as a system to reduce overall sound to a mere whisper.
- **Low RPM fan motor** - Helps to reduce airflow noise.

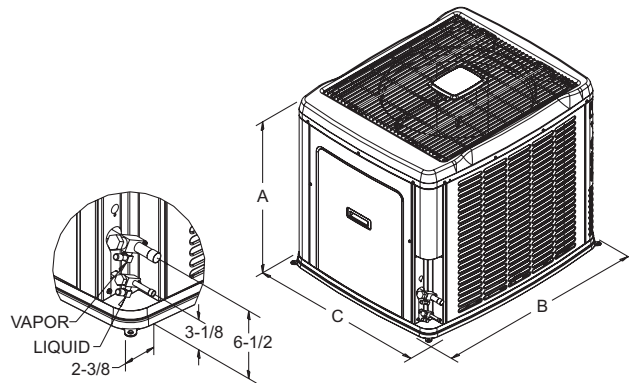
Certified in accordance with the Unitary Small Equipment certification program, which is based on ARI Standard 210/240.

Physical and Electrical Data

MODEL		CZE02411	CZE03611	CZE03811	CZE04811	CZE06011
Unit Supply Voltage		208-230V, 1 ϕ , 60Hz				
Normal Voltage Range ¹		187 to 252				
Minimum Circuit Ampacity		13.3	22.3	21.3	27.9	33.5
Max. Overcurrent Device Amps ²		20	35	35	45	50
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll
Compressor Amps	Rated Load	10.3	16.7	16.7	21.2	25.6
	Locked Rotor	52	82	82	96	118
Crankcase Heater		No	No	No	No	No
Fan Motor Amps	Rated Load	0.5	1.5	0.5	1.5	1.5
Fan Diameter Inches		22	22	22	22	22
Fan Motor	Rated HP	1/15	1/4	1/3	1/4	1/4
	Nominal RPM	850	850	685	850	850
	Nominal CFM	2,000	3,450	2500	3,250	3,150
Coil	Face Area Sq. Ft.	17.15	20.58	20.58	20.58	20.58
	Rows Deep	1	1	2	2	2
	Fins / Inch	22	22	22	22	22
Liquid Line OD		3/8	3/8	3/8	3/8	3/8
Vapor Line OD		3/4	7/8	7/8	7/8	1-1/8
Unit Charge (Lbs. - Oz.) ³		7 - 5	9 - 1	11 - 4	14 - 2	13 - 9
Charge Per Foot, Oz.		0.62	0.67	0.67	0.67	0.75
Operating Weight Lbs.		195	210	260	260	270

- 1 Rated in accordance with ARI Standard 110, utilization range "A".
- 2 Dual element fuses or HACR circuit breaker.
- 3 The Unit Charge is correct for the outdoor unit, matched indoor coil and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.

All dimensions are in inches. They are subject to change without notice. Certified dimensions will be provided upon request.



Unit Model	Dimensions (Inches)			Refrigerant Connection Line Size	
	A	B	C	Liquid	Vapor
024	33-1/2	37	31	3/8"	3/4"
036	39-1/2	37	31		7/8"
038	39-1/2	37	31		7/8"
048	39-1/2	37	31		7/8"
060	39-1/2	37	31		7/8" *

* Expander fitting required for 1-1/8" line set.

Additional R-410A Charge / TXV Size for Various Matched Systems						
Outdoor Unit		CZE02411	CZE03611	CZE03811	CZE04811	CZE06011
Approved System Thermal Expansion Valve ¹		1TV0902	1TV0902	1TV0903	1TV0905	1TV0905
Factory R-410A Charge, lbs-oz		7 - 5	9 - 1	11 - 4	14 - 2	13 - 9
Indoor Coil ²	Coil Orifice ³	TXV Kit ⁴ - Additional Charge, Oz				
G2FD030(S,H)17	65	902 + 3	—	—	—	—
G2FD035(S,H)14	65	902 + 3	—	—	—	—
G2FD036(S,H)17	65	902 + 8	—	—	—	—
G2FD036(S,H)21	75	—	—	—	—	—
G2FD046(S,H)17	78	—	902 + 0	903 + 0	—	—
G2FD048(S,H)21,24	84	—	902 + 11	903 + 13	—	—
G2FD060(S,H)24	90	—	—	903 + 19	905 + 9	905 + 9
G2FD061H24	90	—	—	903 + 28	905 + 17	905 + 16
G1HA036H17	78	902 + 16	—	—	—	—
G1HA048H21	84	—	902 + 8	903 + 8	—	—
G1HA060H24	90	—	—	903 + 19	905 + 9	905 + 9
G1HD036	69	902 + 11	—	—	—	—
G1HD048	81	—	902 + 3	903 + 3	—	—
G1HD060	93	—	—	903 + 8	905 + 0	905 + 0
G1FA/G1UA030S14	65	902 + 0	—	—	—	—
G1FA/G1UA036S14	73	902 + 5	—	—	—	—
G1FA/G1UA036S17,21	73	902 + 3	—	—	—	—
G1FA/G1UA046S17	84	—	902 + 0	903 + 0	—	—
G1FA/G1UA048S21	84	—	902 + 8	903 + 8	—	—
G1FA/G1UA060S21,24	90	—	—	903 + 19	905 + 9	905 + 9
F2FV060	90	—	—	903 + 19	905 + 9	905 + 9
Airflow						
Variable Speed Indoor						
N1VSB12V	Hi/Low CFM	650/825	775/1200	770/1200	—	—
N1VSC16V	Hi/Low CFM	—	775/1185	770/1200	—	—
N1VSD12	Hi/Low CFM	—	—	770/1200	—	—
N1VSD20V	Hi/Low CFM	—	775/1200	770/1200	1000/1600	1180/1845
F2FV060	Hi/Low CFM	—	—	770/1200	1000/1600	1200/1845
P*DUA12V	Hi/Low CFM	470/875	—	—	—	—
P*DUB16V	Hi/Low CFM	470/835	650/1200	640/1200	—	—
P*DUC20V	Hi/Low CFM	470/800	640/1170	650/1200	800/1610	860/1730
PV8A12****UH	Hi/Low CFM	580/875	—	—	—	—
PV8B16****UH	Hi/Low CFM	540/835	795/1200	640/1200	—	—
PV8C20****UH	Hi/Low CFM	520/800	780/1170	640/1200	1030/1610	—
P1XDB12V	Hi/Low CFM	475/820	625/1200	740/1200	—	—
P1XDC20V	Hi/Low CFM	—	675/1225	740/1200	825/1575	855/1575
P1XDD20V	Hi/Low CFM	—	690/1195	660/1200	780/1610	850/1610
P1XUB12V	Hi/Low CFM	470/820	660/1200	660/1200	—	—
P1XUC16V	Hi/Low CFM	470/840	640/1200	640/1200	840/1600	—
P1XUC20V	Hi/Low CFM	470/810	640/1200	660/1200	810/1590	860/1640
P1XUD20V	Hi/Low CFM	—	680/1150	770/1200	840/1620	855/1620
PV9A12****UP	Hi/Low CFM	625/800	—	—	—	—
PV9B12****UP	Hi/Low CFM	560/800	770/1200	770/1200	—	—
PV9C16****UP	Hi/Low CFM	640/800	780/1200	780/1200	1040/1600	—
PV9C20****UP	Hi/Low CFM	650/800	800/1200	800/1200	1010/1600	1040/1620
PV9D20****UP	Hi/Low CFM	—	770/1200	770/1200	1020/1600	1030/1620
Hi CFM	—	800	1200	1200	1600	1900
Max Low CFM	—	700	1000	1000	1350	1600
Recommended Low CFM	—	600	750	750	900	1050

FOOTNOTES:

- 1 Only the TXV kits listed above are approved for use in these systems.
- 2 Systems matched with furnace or air handlers not equipped with blower-off delays may require blower Time Delay Kit 2FD06700224.
- 3 This orifice is factory mounted in the flow device of each indoor coil (Note: does not apply to F3FP air handlers).
- 4 If a coil with a factory installed TXV is not listed, do not use it. The factory installed TXV is different from the required system TXV (See Footnote 1).

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and 15 feet of interconnecting line tubing.
2. Verify the TXV and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified on the previous page.
4. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + adder for evaporator + adder for line set.

COOLING CAPACITY - With Air Handler Coils

UNIT MODEL	AIR HANDLER			COIL ¹ MODEL	COOLING					
	MODEL	ELECTRIC ² HEAT KW	W		STAGE	RATED CFM	NET MBH		SEER	EER
							TOTAL	SENSIBLE		
CZE02411	N1VSB12	5,7.5,10,15,18	17	G2FD030(S,H)17	1	650	18.3	14.7	15.00	13.05
					2	825	23.7	18.7		12.25
	N1VSB12	5,7.5,10,15,18	17	G2FD036(S,H)17	1	650	18.5	14.9	15.00	13.20
					2	825	24.0	19.0		12.40
CZE03611	N1VSB12	5,7.5,10,15,18	17	G2FD046(S,H)17	1	775	23.8	17.5	15.25	12.40
					2	1200	35.2	26.3		12.15
	N1VSC16	5,7.5,10,15,20	21	G2FD048(S,H)21	1	775	25.4	18.7	15.50	13.20
					2	1185	36.0	27.2		12.50
	N1VSD20	7.5,10,15,20,25,30	24	G2FD048(S,H)24	1	775	25.4	18.8	15.75	13.25
					2	1200	36.0	27.5		12.60
CZE03811	F2FV060	2,5,8,10	24	-	1	770	24.4	17.6	17.00	14.55
					2	1200	34.8	25.6		13.20
	N1VSB12	2,5,8,10	17	G2FD046(S,H)17	1	775	24.6	17.7	17.50	14.35
					2	1200	34.6	25.5		12.95
	N1VSC16	2,5,8,10	21	G2FD048(S,H)21	1	770	24.6	17.7	17.50	14.50
					2	1200	34.8	25.6		13.10
	N1VSD12	2,5,8,10	24	G2FD048(S,H)24	1	770	24.6	17.7	17.75	14.50
					2	1200	35.2	25.9		13.20
	N1VSD12	2,5,8,10	24	G2FD060(S,H)24	1	775	24.6	17.7	17.75	14.65
					2	1200	35.2	25.9		13.25
	N1VSD12	2,5,8,10	24	G2FD061H24	1	770	24.8	17.9	18.00	14.65
					2	1200	35.4	26.1		13.30
	N1VSD20	2,5,8,10	24	G2FD048(S,H)24	1	770	24.4	17.6	17.50	14.50
					2	1200	34.8	25.6		13.15
	N1VSD20	2,5,8,10	24	G2FD060(S,H)24	1	775	24.4	17.6	17.50	14.55
					2	1200	34.8	25.6		13.20
N1VSD20	2,5,8,10	24	G2FD061H24	1	770	24.6	17.7	17.75	14.55	
				2	1200	35.0	25.8		13.20	
CZE04811	F2FV060	10,15,20,25	24	-	1	1000	33.4	25.1	15.75	13.20
					2	1600	47.1	36.6		12.50
	N1VSD20	7.5,10,15,20,25,30	24	G2FD060(S,H)24	1	1000	33.4	25.1	15.50	13.15
					2	1600	47.0	36.6		12.45
	N1VSD20	7.5,10,15,20,25,30	24	G2FD061H24	1	1000	33.6	25.3	16.00	13.30
					2	1560	47.5	37.1		12.60
CZE06011	F2FV060	10,15,20,25	24	-	1	1200	39.0	29.5	13.75	11.60
					2	1845	55.0	42.4		11.00
	N1VSD20	7.5,10,15,20,25,30	24	G2FD060(S,H)24	1	1200	39.0	29.5	13.50	11.70
					2	1845	55.0	42.4		11.00
	N1VSD20	7.5,10,15,20,25,30	24	G2FD061H24	1	1180	39.5	29.7	14.00	11.90
					2	1850	55.0	42.7		11.00

1 G2FD coils available with a factory installed horizontal drain pan. See price pages for specific model number.

2 Single phase units require single phase 2HK heaters.

COOLING CAPACITY - With Variable Speed Furnaces

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
CZE02411	P*DUA12V	G1FA/G1UA030S14	14	1	470	17.2	12.5	14.50	12.70
				2	875	23.6	19.2		11.85
	P*DUA12V	G1FA/G1UA036S14	14	1	470	17.5	12.6	14.75	12.80
				2	875	24.0	19.7		12.00
	P*DUA12V	G2FD035(S,H)14	14	1	470	17.4	12.6	14.75	12.85
				2	875	23.8	19.5		12.00
	P*DUB16V	G1FA/G1UA036S17	17	1	470	17.4	12.6	14.75	12.85
				2	835	23.7	19.0		12.10
	P*DUB16V	G2FD030(S,H)17	17	1	470	17.4	12.6	14.75	12.85
				2	835	23.7	19.0		12.10
	P*DUB16V	G2FD036(S,H)17	17	1	470	17.6	12.7	15.00	13.00
				2	835	24.0	19.3		12.25
	P*DUC20V	G1FA/G1UA036S21	21	1	470	17.4	12.6	14.75	12.85
				2	800	23.7	18.6		12.15
	P1XDB12V	G1HA036H17	17	1	475	17.2	12.6	14.50	12.70
				2	815	23.2	18.9		12.00
	P1XDB12V	G1HD036	-	1	475	17.8	12.8	15.00	13.10
				2	815	24.0	19.1		12.25
	P1XDB12V	G2FD030(S,H)17	17	1	475	17.5	12.6	14.75	12.90
				2	830	23.7	19.0		12.10
	P1XDB12V	G2FD036(S,H)17	17	1	475	17.7	12.8	15.00	13.05
				2	830	24.0	19.2		12.20
	P1XUB12V	G1FA/G1UA036S17	17	1	470	17.4	12.6	14.75	12.85
				2	820	23.7	18.9		12.05
	P1XUB12V	G2FD030(S,H)17	17	1	470	17.4	12.6	14.75	12.85
				2	820	23.7	18.9		12.05
	P1XUB12V	G2FD036(S,H)17	17	1	470	17.6	12.7	15.00	13.00
				2	820	23.9	19.1		12.20
	P1XUC16V	G1FA/G1UA036S21	21	1	470	17.4	12.6	14.75	12.85
				2	840	23.8	19.1		12.15
	P1XUC20V	G1FA/G1UA036S21	21	1	470	17.1	12.4	14.50	12.60
				2	810	23.7	18.8		12.25
	PV8A12****UH	G1FA/G1UA030S14	14	1	580	17.8	13.8	14.75	12.90
				2	875	23.6	19.2		11.85
	PV8A12****UH	G1FA/G1UA036S14	14	1	580	18.2	14.2	15.00	13.15
				2	875	24.0	19.7		12.00
	PV8A12****UH	G2FD035(S,H)14	14	1	580	18.1	14.1	14.75	13.05
				2	875	23.8	19.5		11.90
	PV8B16****UH	G1FA/G1UA036S17	17	1	540	17.9	13.5	15.00	13.10
				2	835	23.7	19.0		12.10
PV8B16****UH	G2FD030(S,H)17	17	1	540	17.9	13.5	15.00	13.10	
			2	835	23.7	19.0		12.10	
PV8B16****UH	G2FD036(S,H)17	17	1	540	18.1	13.7	15.00	13.30	
			2	835	24.0	19.3		12.25	
PV8C20****UH	G1FA/G1UA036S21	21	1	520	17.8	13.2	15.00	13.10	
			2	800	23.7	18.6		12.15	
PV9A12****UP	G1FA030S14	14	1	625	18.1	14.5	14.50	12.80	
			2	800	23.4	18.6		11.80	
PV9A12****UP	G1FA036S14	14	1	625	18.4	14.8	14.75	13.05	
			2	800	23.6	18.9		12.00	
PV9A12****UP	G2FD035(S,H)14	14	1	625	18.3	14.7	14.50	12.95	
			2	800	23.6	18.7		11.95	
PV9B12****UP	G1FA036S17	17	1	560	18.0	14.5	14.75	13.00	
			2	800	23.6	18.8		12.15	
PV9B12****UP	G2FD030(S,H)17	17	1	560	18.0	14.5	14.75	13.00	
			2	800	23.6	18.8		12.15	
PV9B12****UP	G2FD036(S,H)17	17	1	560	18.2	14.6	15.00	13.15	
			2	800	23.8	19.0		12.25	
PV9C16****UP	G1FA036S21	21	1	640	18.3	14.7	14.50	12.85	
			2	800	23.6	18.8		12.20	
PV9C20****UP	G1FA036S21	21	1	650	18.4	14.8	14.75	13.10	
			2	800	23.4	18.7		11.90	

For notes see Page 9.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
CZE03611	P*DUB16V	G1FA/G1UA048S17	17	1	650	24.0	17.1	15.25	12.90
				2	1200	35.5	27.2		12.25
	P*DUB16V	G2FD046(S,H)17	17	1	650	24.0	17.1	15.25	12.90
				2	1200	35.5	27.2		12.25
	P*DUC20V	G1FA/G1UA048S21	21	1	640	24.4	17.2	15.50	12.95
				2	1170	35.8	27.3		12.55
	P*DUC20V	G2FD048(S,H)21	21	1	640	24.6	17.3	15.50	13.05
				2	1170	36.1	27.6		12.65
	P1XDB12V	G2FD046(S,H)17	17	1	625	24.0	16.7	15.00	12.70
				2	1200	34.2	26.6		11.45
	P1XDC20V	G1HA048H21	21	1	675	24.6	17.6	15.25	12.85
				2	1120	35.4	26.6		12.20
	P1XDC20V	G1HD048	-	1	675	24.6	17.6	15.25	12.85
				2	1225	35.7	27.7		12.10
	P1XDC20V	G2FD048(S,H)21	21	1	675	24.6	17.7	15.25	12.90
				2	1225	36.0	28.1		12.20
	P1XDD20V	G1HD048	-	1	690	24.6	17.8	15.25	12.95
				2	1195	35.8	27.4		12.35
	P1XDD20V	G2FD048(S,H)24	24	1	690	24.8	17.9	15.50	13.05
				2	1195	36.1	27.8		12.40
	P1XUB12V	G1FA/G1UA048S17	17	1	660	24.2	17.2	15.00	12.80
				2	1200	35.3	27.1		12.00
	P1XUB12V	G2FD046(S,H)17	17	1	660	24.2	17.2	15.00	12.80
				2	1200	35.3	27.1		12.00
	P1XUC16V	G1FA/G1UA048S21	21	1	640	24.4	17.2	15.25	13.05
				2	1200	35.8	27.5		12.40
	P1XUC16V	G2FD048(S,H)21	21	1	640	24.6	17.3	15.50	13.15
				2	1200	36.1	27.9		12.45
	P1XUC20V	G1FA/G1UA048S21	21	1	640	24.4	17.2	15.50	13.05
				2	1200	35.9	27.6		12.50
	P1XUC20V	G2FD048(S,H)21	21	1	640	24.6	17.3	15.75	13.15
				2	1200	36.2	27.9		12.60
P1XUD20V	G2FD048(S,H)24	24	1	680	24.8	17.8	15.75	13.25	
			2	1150	35.9	27.3		12.35	
PV8B16****UH	G1FA/G1UA048S17	17	1	795	24.0	18.0	15.50	12.55	
			2	1200	35.5	27.2		12.25	
PV8B16****UH	G2FD046(S,H)17	17	1	795	24.0	18.0	15.50	12.55	
			2	1200	35.5	27.2		12.25	
PV8C20****UH	G1FA/G1UA048S21	21	1	780	25.2	18.8	15.50	13.20	
			2	1170	35.8	27.3		12.55	
PV8C20****UH	G2FD048(S,H)21	21	1	780	25.4	19.0	15.75	13.30	
			2	1170	36.1	27.6		12.65	
PV9B12****UP	G1FA048S17	17	1	770	23.8	17.6	15.00	12.30	
			2	1200	35.2	23.9		11.95	
PV9B12****UP	G2FD046(S,H)17	17	1	770	23.8	17.6	15.00	12.30	
			2	1200	35.2	23.9		11.95	
PV9C16****UP	G1FA048S21	21	1	780	25.2	18.6	15.25	13.05	
			2	1200	35.8	25.3		12.40	
PV9C16****UP	G2FD048(S,H)21	21	1	780	25.4	18.8	15.50	13.10	
			2	1200	36.0	25.5		12.45	
PV9C20****UP	G1FA048S21	21	1	800	25.4	18.7	15.50	13.10	
			2	1200	35.8	25.4		12.30	
PV9C20****UP	G2FD048(S,H)21	21	1	800	25.6	18.9	15.50	13.25	
			2	1200	36.0	25.6		12.50	
PV9D20****UP	G2FD048(S,H)24	24	1	770	25.4	18.8	15.50	13.20	
			2	1200	36.0	25.5		12.50	

For notes see Page 9.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
CZE03811	P*DUB16V	G1FA048S17	17	1	640	23.8	17.2	17.25	14.05
				2	1200	35.2	25.9		13.15
	P*DUB16V	G2FD046(S,H)17	17	1	640	23.8	17.2	17.25	14.05
				2	1200	35.2	25.9		13.15
	P*DUC20V	G1FA048S21	21	1	650	23.8	17.2	17.25	14.15
				2	1200	34.7	25.6		12.85
	P*DUC20V	G1FA060S21	21	1	640	24.0	17.3	17.50	14.20
				2	1200	35.0	25.8		13.10
	P*DUC20V	G2FD048(S,H)21	21	1	640	24.2	17.4	17.50	14.30
				2	1200	35.2	26.0		13.20
	P1XDC20V	G1FA048S21	21	1	740	24.6	17.7	17.25	14.10
				2	1200	34.8	25.6		12.70
	P1XDC20V	G1HA048H21	21	1	740	24.6	17.7	17.00	14.10
				2	1200	34.7	25.6		12.60
	P1XDC20V	G1HD048	-	1	740	24.6	17.7	17.25	14.15
				2	1200	34.8	25.6		12.70
	P1XDC20V	G2FD048(S,H)21	21	1	740	24.6	17.7	17.25	14.25
				2	1200	35.0	25.8		12.75
	P1XDD20V	G1FA060S24	24	1	660	23.8	17.2	17.00	13.95
				2	1200	35.0	25.8		12.75
	P1XDD20V	G1HA60H24	24	1	660	23.8	17.2	17.00	13.90
				2	1200	35.0	25.8		12.70
	P1XDD20V	G1HD048	-	1	660	24.0	17.3	17.00	14.05
				2	1200	34.8	25.6		12.70
	P1XDD20V	G1HD060	-	1	660	23.6	17.0	17.00	13.75
				2	1200	34.7	25.6		12.65
	P1XDD20V	G2FD060(S,H)24	24	1	660	23.8	17.2	17.00	13.95
				2	1200	35.0	25.8		12.75
	P1XDD20V	G2FD061H24	24	1	660	24.0	17.3	17.25	14.05
				2	1200	35.2	26.0		12.85
	P1XUB12V	G1FA048S17	17	1	660	23.8	17.2	17.00	13.95
				2	1200	34.5	25.4		12.45
	P1XUB12V	G2FD046(S,H)17	17	1	660	23.8	17.2	17.00	13.95
				2	1200	34.5	25.4		12.45
	P1XUC16V	G1FA048S21	21	1	640	24.0	17.3	17.50	14.30
				2	1200	34.9	25.7		12.80
	P1XUC16V	G1FA060S21	21	1	640	23.8	17.2	17.50	14.20
				2	1200	35.1	25.9		13.00
	P1XUC16V	G2FD048(S,H)21	21	1	640	24.2	17.4	17.50	14.40
				2	1200	35.1	25.9		12.95
P1XUC20V	G1FA048S21	21	1	660	23.8	17.2	17.25	14.15	
			2	1200	34.9	25.8		13.15	
P1XUC20V	G1FA060S21	21	1	660	24.2	17.4	17.50	14.30	
			2	1200	35.2	25.9		13.00	
P1XUC20V	G2FD048(S,H)21	21	1	660	24.2	17.4	17.25	14.35	
			2	1200	35.2	25.9		13.10	
P1XUD20V	G1FA060S24	24	1	770	24.4	17.6	17.50	14.15	
			2	1200	35.1	25.9		13.00	
P1XUD20V	G2FD060(S,H)24	24	1	770	24.4	17.6	17.50	14.15	
			2	1200	35.1	25.9		13.00	
P1XUD20V	G2FD061H24	24	1	660	24.2	17.4	17.50	14.30	
			2	1200	35.3	26.0		13.00	
PV8B16****UH	G1FA048S17	17	1	640	23.8	17.2	17.25	14.05	
			2	1200	35.2	25.9		13.15	
PV8B16****UH	G2FD046(S,H)17	17	1	640	23.8	17.2	17.25	14.05	
			2	1200	35.2	25.9		13.15	
PV8C20****UH	G1FA048S21	21	1	650	23.8	17.2	17.25	14.15	
			2	1200	34.7	25.6		12.85	
PV8C20****UH	G1FA060S21	21	1	640	24.0	17.3	17.50	14.20	
			2	1200	35.0	25.8		13.10	
PV8C20****UH	G2FD048(S,H)21	21	1	640	24.2	17.4	17.50	14.30	
			2	1200	35.2	26.0		13.20	

For notes see Page 9.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
CZE03811	PV9B12****UP	G1FA048S17	17	1	770	24.4	17.6	17.00	13.95
				2	1200	34.5	25.4		12.45
	PV9B12****UP	G2FD046(S,H)17	17	1	770	24.4	17.6	17.00	13.95
				2	1200	34.5	25.4		12.45
	PV9C16****UP	G1FA048S21	21	1	780	24.8	17.9	17.25	14.15
				2	1200	34.9	25.7		12.90
	PV9C16****UP	G1FA060S21	21	1	780	24.6	17.7	17.25	14.05
				2	1200	35.1	25.9		13.00
	PV9C16****UP	G2FD048(S,H)21	21	1	780	25.0	18.0	17.50	14.30
				2	1200	35.1	25.9		12.95
	PV9C20****UP	G1FA048S21	21	1	800	24.8	17.9	17.25	14.20
				2	1200	34.9	25.7		12.80
	PV9C20****UP	G1FA060S21	21	1	800	25.0	18.0	17.50	14.35
				2	1200	35.1	25.9		13.00
	PV9C20****UP	G2FD048(S,H)21	21	1	800	24.6	17.7	17.25	14.15
				2	1200	35.1	25.9		13.00
PV9D20****UP	G1FA060S24	24	1	770	24.8	17.9	17.50	14.30	
			2	1200	35.1	25.9		13.00	
PV9D20****UP	G2FD048(S,H)24	24	1	770	24.4	17.6	17.25	14.15	
			2	1200	35.1	25.9		13.00	
PV9D20****UP	G2FD060(S,H)24	24	1	770	24.8	17.9	17.50	14.30	
			2	1200	35.1	25.9		13.00	
PV9D20****UP	G2FD061H24	24	1	770	24.8	17.9	17.50	14.25	
			2	1200	35.4	26.1		13.10	
CZE04811	P*DUC20V	G1FA060S21	21	1	860	32.6	23.5	15.25	12.90
				2	1610	47.1	37.6		12.20
	P*DUC20V	G2FD060(S,H)24	24	1	860	32.6	23.5	15.25	12.90
				2	1610	47.1	37.6		12.20
	P*DUC20V	G2FD061H24	24	1	800	32.4	22.8	15.25	12.85
				2	1500	47.2	36.7		12.50
	P1XDC20V	G1HA60H24	24	1	900	33.0	24.1	15.00	12.70
				2	1470	46.6	36.0		12.15
	P1XDC20V	G1HD060	-	1	825	32.0	22.8	15.00	12.50
				2	1470	46.1	35.4		12.05
	P1XDC20V	G2FD060(S,H)24	24	1	900	32.8	24.0	15.00	12.60
				2	1575	46.8	37.1		12.00
	P1XDD20V	G1HA60H24	24	1	850	32.4	23.4	15.00	12.80
				2	1580	46.9	37.2		12.05
	P1XDD20V	G1HD060	-	1	780	31.8	22.2	15.00	12.50
				2	1420	46.1	34.9		12.35
	P1XDD20V	G2FD060(S,H)24	24	1	900	32.6	23.8	15.00	12.70
				2	1610	47.0	37.6		12.05
	P1XDD20V	G2FD061H24	24	1	780	32.0	22.4	15.00	12.65
				2	1420	46.8	35.6		12.50
	P1XUC16V	G1FA060S21	21	1	840	32.4	23.2	15.25	12.85
				2	1480	46.6	36.1		12.10
	P1XUC16V	G2FD060(S,H)24	24	1	840	32.4	23.2	15.25	12.85
				2	1480	46.6	36.1		12.10
	P1XUC16V	G2FD061H24	24	1	880	33.0	23.9	15.25	13.00
				2	1600	47.3	37.9		12.05
	P1XUC20V	G1FA060S21	21	1	870	32.6	23.7	15.25	12.90
				2	1590	47.0	37.4		12.15
	P1XUC20V	G2FD060(S,H)24	24	1	870	32.6	23.7	15.25	12.90
				2	1590	47.0	37.4		12.15
P1XUC20V	G2FD061H24	24	1	810	32.4	22.9	15.25	12.90	
			2	1450	47.0	36.0		12.50	
P1XUD20V	G1FA060S24	24	1	855	32.6	23.5	15.25	12.95	
			2	1620	47.1	37.8		12.15	
P1XUD20V	G2FD060(S,H)24	24	1	855	32.6	23.5	15.25	12.95	
			2	1620	47.1	37.8		12.15	

For notes see Page 9.

COOLING CAPACITY - With Variable Speed Furnaces (Continued)

UNIT MODEL	VARIABLE SPEED FURNACE MODEL	COIL MODEL ¹	W	COOLING					
				STAGE	RATED CFM	NET MBH		SEER	EER
						TOTAL	SENSIBLE		
CZE04811	P1XUD20V	G2FD061H24	24	1	840	32.8	23.4	15.50	13.05
				2	1470	47.1	36.3		12.55
	PV8C20****UH	G1FA060S21	21	1	1030	33.6	25.8	15.50	13.10
				2	1610	47.1	37.6		12.20
	PV8C20****UH	G2FD060(S,H)24	24	1	1030	33.6	25.8	15.50	13.10
				2	1610	47.1	37.6		12.20
	PV8C20****UH	G2FD061H24	24	1	1030	33.8	26.1	15.50	13.20
				2	1500	47.2	36.7		12.50
	PV9C16****UP	G1FA060S21	21	1	1040	33.6	25.3	15.25	12.95
				2	1600	44.5	33.7		12.65
	PV9C20****UP	G1FA060S21	21	1	1010	33.4	25.1	15.25	12.80
				2	1600	44.0	33.5		12.55
	PV9D20****UP	G1FA060S24	24	1	1020	33.4	25.2	15.25	12.90
				2	1600	44.0	33.6		12.65
PV9D20****UP	G2FD060(S,H)24	24	1	1020	33.4	25.2	15.25	12.90	
			2	1600	44.0	33.6		12.65	
PV9D20****UP	G2FD061H24	24	1	1020	33.8	25.4	15.50	13.05	
			2	1600	44.5	33.8		12.70	
CZE06011	P*DUC20V	G1FA060S21	21	1	860	37.2	25.5	13.25	11.25
				2	1730	54.6	42.1		10.75
	P*DUC20V	G2FD060(S,H)24	24	1	860	37.2	25.5	13.25	11.25
				2	1730	54.6	42.1		10.75
	P1XDC20V	G1HA60H24	24	1	890	37.2	25.8	13.00	11.05
				2	1575	54.0	40.1		10.70
	P1XDC20V	G1HD060	-	1	890	37.2	25.8	13.00	11.05
				2	1575	53.1	39.1		10.55
	P1XDC20V	G2FD060(S,H)24	24	1	855	37.4	25.6	13.25	11.35
				2	1575	54.0	40.1		10.70
	P1XDD20V	G1HA60H24	24	1	850	37.0	25.3	13.00	11.15
				2	1610	54.2	40.6		10.75
	P1XDD20V	G1HD060	-	1	850	36.6	25.0	13.00	11.00
				2	1610	53.3	39.6		10.60
	P1XDD20V	G2FD060(S,H)24	24	1	890	37.0	25.5	13.00	10.95
				2	1610	54.2	40.6		10.75
	P1XDD20V	G2FD061H24	24	1	850	37.0	25.3	13.00	11.15
				2	1610	54.7	41.0		11.00
	P1XUC20V	G1FA060S21	21	1	860	37.4	25.6	13.25	11.35
				2	1640	54.3	40.9		10.70
	P1XUC20V	G2FD060(S,H)24	24	1	870	37.2	25.6	13.25	11.25
				2	1640	54.3	40.9		10.70
	P1XUC20V	G2FD061H24	24	1	870	37.2	25.6	13.25	11.25
				2	1640	54.8	41.4		10.80
	P1XUD20V	G1FA060S24	24	1	870	37.4	25.8	13.25	11.35
				2	1620	54.3	40.7		10.85
	P1XUD20V	G2FD060(S,H)24	24	1	855	37.2	25.3	13.25	11.25
				2	1620	54.3	40.7		10.85
	P1XUD20V	G2FD061H24	24	1	855	37.2	25.3	13.25	11.25
				2	1620	54.9	41.2		11.00
	PV8C20****UH	G1FA060S21	21	1	1120	38.5	28.9	13.50	11.50
				2	1730	54.6	42.1		10.75
	PV8C20****UH	G2FD060(S,H)24	24	1	1120	38.5	28.9	13.50	11.50
				2	1730	54.6	42.1		10.75
PV9C20****UP	G1FA060S21	21	1	1040	38.5	28.9	13.25	11.35	
			2	1620	54.0	38.6		10.75	
PV9D20****UP	G1FA060S24	24	1	1030	38.5	28.9	13.50	11.40	
			2	1620	54.0	38.6		10.90	
PV9D20****UP	G2FD060(S,H)24	24	1	1030	38.5	28.9	13.50	11.40	
			2	1620	54.0	38.6		10.90	
PV9D20****UP	G2FD061H24	24	1	1030	38.5	29.1	13.50	11.50	
			2	1620	54.5	38.8		11.00	

¹ G2FD coils available with a factory installed horizontal drain pan. Specify "H" models when ordering.

ACCESSORIES*

Hard Start Kit (024-31994-000, 024-31995-000) - Provides increased starting torque for areas with low voltage.

TXV Kits - 1TV09 series thermal expansion valves precisely meter refrigerant for optimum performance

Low Ambient Pressure Switch Kit (2LA06700424)- Allows use of air conditioning at low outdoor ambient temperatures. For use with models containing R-410A refrigerant only.

Dehumidistat (2HU16700124) - Provides increased dehumidification when matched with variable speed furnace or air handler.

Room Thermostats - A wide selection of compatible thermostats are available to provide optimum performance and features for any installation.

1 Heat Stage only, manual, mechanical thermostat. Add sub-base for 3H/2C.

3H/2C, manual change-over electronic non-programmable thermostat.

3H/2C, auto/manual changeover, electronic programmable, deluxe 7-day, thermostat.

3H/2C, auto/manual changeover, electronic programmable.

* For the most current accessory information, refer to the price book or consult factory.

SOUND RATINGS*

UNIT MODEL	SOUND RATINGS (dBA)
024	71
036	73
038	70
048	72
060	74

COLOR GRILLES

CHOICE OF SEVERAL COLOR COIL GRILLES TO COMPLIMENT ANY HOME.		
Color Grill	Color Description	
1CP0130	Terra Cotta	024
1CP0136	Terra Cotta	036, 038, 048, 060
1CP0230	Jet Black	024
1CP0236	Jet Black	036, 038, 048, 060
1CP0330	Stone	024
1CP0336	Stone	036, 048, 060
1CP0430	Bermuda	024
1CP0436	Bermuda	036, 038, 048, 060
1CP0530	Gunmetal	024
1CP0536	Gunmetal	036, 038, 048, 060
1CP0630	Chocolate	024
1CP0636	Chocolate	036, 038, 048, 060

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE02411														
INDOOR COIL MODEL NO.		G2FD036S17 + N1VSB12														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	550					600					650				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	16.5	17.0	16.4	15.3	19.2	17.1	17.2	16.5	17.2	19.6	17.6	17.5	16.6	19.0	20.0
	S.C.	17.0	16.3	13.7	11.9	10.9	17.5	17.1	14.0	13.6	11.2	17.9	18.0	14.2	15.2	11.5
	K.W.	0.8	0.7	0.7	0.5	0.7	0.7	0.7	0.8	0.6	0.7	0.6	0.7	0.8	0.7	0.7
75	T.C.	15.8	16.1	15.4	17.2	18.3	16.3	16.4	15.7	17.6	18.6	16.9	16.7	16.0	18.0	18.9
	S.C.	16.2	15.7	13.1	13.4	10.6	16.7	16.5	13.5	14.0	10.8	17.2	17.3	13.9	14.6	11.1
	K.W.	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9
85	T.C.	15.1	15.2	14.5	19.0	17.4	15.6	15.6	15.0	18.1	17.6	16.2	15.9	15.4	17.1	17.7
	S.C.	15.4	15.2	12.5	14.9	10.3	15.9	15.9	13.0	14.5	10.5	16.4	16.7	13.5	14.0	10.6
	K.W.	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.1	1.0	0.9	0.9	1.0	1.0	1.0
95	T.C.	14.4	14.3	13.5	20.9	16.5	14.9	14.7	14.2	18.5	16.6	15.5	15.1	14.8	16.1	16.6
	S.C.	14.6	14.6	11.9	16.4	10.0	15.2	15.3	12.5	14.9	10.1	15.7	16.0	13.2	13.3	10.2
	K.W.	1.2	1.2	1.2	1.6	1.1	1.1	1.1	1.2	1.4	1.2	1.1	1.1	1.2	1.2	1.2
105	T.C.	13.7	13.3	12.5	19.5	15.5	14.1	13.8	13.0	17.2	15.4	14.6	14.2	13.5	15.0	15.3
	S.C.	13.9	13.7	11.2	15.7	9.6	14.4	14.4	11.9	14.3	9.7	14.8	15.0	12.5	12.9	9.8
	K.W.	1.4	1.4	1.4	1.9	1.3	1.3	1.3	1.4	1.6	1.3	1.3	1.3	1.4	1.4	1.4
115	T.C.	13.0	12.4	11.5	18.1	14.4	13.4	12.9	11.9	16.0	14.3	13.8	13.4	12.3	13.9	14.1
	S.C.	13.1	12.9	10.6	15.0	9.3	13.6	13.5	11.2	13.7	9.4	14.0	14.1	11.9	12.5	9.5
	K.W.	1.6	1.6	1.6	2.1	1.5	1.5	1.5	1.5	1.8	1.5	1.5	1.5	1.5	1.6	1.6
125	T.C.	12.3	11.4	10.5	16.7	13.3	12.6	12.0	10.7	14.8	13.1	13.0	12.6	11.0	12.8	12.9
	S.C.	12.4	12.1	9.9	14.3	8.9	12.8	12.6	10.6	13.2	9.0	13.2	13.1	11.3	12.1	9.1
	K.W.	1.7	1.8	1.7	2.4	1.7	1.7	1.7	1.7	2.1	1.7	1.7	1.7	1.7	1.7	1.7

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
N1VSB12	G2FD030(S,H)17	0.99	0.99	1.00
N1VSB12	G2FD036(S,H)17	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA/G1UA030S14	0.93	0.84	0.97
P*DUA12V	G1FA/G1UA036S14	0.95	0.85	0.98
P*DUA12V	G2FD035(S,H)14	0.94	0.85	0.97
P*DUB16V	G1FA/G1UA036S17	0.94	0.85	0.97
P*DUB16V	G2FD036(S,H)17	0.95	0.85	0.97
P*DUB16V	G2FD030(S,H)17	0.94	0.85	0.97
P*DUC20V	G1FA/G1UA036S21	0.94	0.85	0.97
P1XUB12V	G1FA/G1UA036S17	0.94	0.85	0.97
P1XUB12V	G2FD030(S,H)17	0.94	0.85	0.97
P1XUB12V	G2FD036(S,H)17	0.95	0.85	0.97
P1XUC16V	G1FA/G1UA036S21	0.94	0.85	0.97
P1XUC20V	G1FA/G1UA036S21	0.92	0.83	0.97
P1XDB12V	G2FD030(S,H)17	0.95	0.85	0.97
P1XDB12V	G2FD036(S,H)17	0.96	0.86	0.97
P1XDB12V	G1HA036H17	0.93	0.85	0.97
P1XDB12V	G1HD036	0.96	0.86	0.97
PV8A12****UH	G1FA/G1UA030S14	0.96	0.93	0.98
PV8A12****UH	G1FA/G1UA036S14	0.98	0.95	0.99
PV8A12****UH	G2FD035(S,H)14	0.98	0.95	0.99
PV8B16****UH	G1FA/G1UA036S17	0.97	0.91	0.97
PV8B16****UH	G2FD030(S,H)17	0.97	0.91	0.97
PV8B16****UH	G2FD036(S,H)17	0.98	0.92	0.97
PV8C20****UH	G1FA/G1UA036S21	0.96	0.89	0.97
PV9A12****UP	G1FA030S14	0.98	0.97	1.01
PV9A12****UP	G1FA036S14	0.99	0.99	1.01
PV9B12****UP	G1FA036S17	0.97	0.97	0.99
PV9C16****UP	G1FA036S21	0.99	0.99	1.02
PV9C20****UP	G1FA036S21	0.99	0.99	1.00
PV9B12****UP	G2FD030(S,H)17	0.97	0.97	0.99

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE02411														
INDOOR COIL MODEL NO.		G2FD036S17 + N1VSB12														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	700					800					900				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	24.4	25.4	24.4	27.1	28.8	25.2	25.7	24.8	27.4	29.1	26.0	26.0	25.2	27.8	29.3
	S.C.	24.4	23.9	19.6	19.7	15.7	25.1	24.7	20.3	20.3	16.1	25.9	25.6	21.0	21.0	16.4
	K.W.	1.3	24.1	1.3	1.4	1.4	1.3	12.7	1.3	1.4	1.4	1.3	1.3	1.3	1.4	1.4
75	T.C.	23.7	24.2	23.3	26.0	27.5	24.4	24.6	23.7	26.3	27.7	25.1	25.1	24.1	26.6	27.9
	S.C.	23.6	23.1	19.0	19.2	15.2	24.3	24.0	19.7	19.9	15.6	25.0	24.8	20.4	20.5	15.9
	K.W.	1.5	16.7	1.5	1.5	1.6	1.5	9.1	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6
85	T.C.	23.0	22.9	22.2	24.9	26.1	23.6	23.5	22.6	25.1	26.3	24.2	24.1	22.9	25.4	26.6
	S.C.	22.9	22.2	18.4	18.8	14.6	23.4	23.2	19.1	19.4	15.1	24.0	24.1	19.8	20.1	15.5
	K.W.	1.7	9.2	1.7	1.7	1.8	1.7	5.5	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.8
95	T.C.	22.3	21.7	21.2	23.8	24.8	22.8	22.4	21.5	24.0	25.0	23.3	23.2	21.8	24.2	25.2
	S.C.	22.1	21.4	17.9	18.4	14.1	22.6	22.4	18.5	19.0	14.6	23.0	23.4	19.2	19.6	15.0
	K.W.	1.9	1.8	1.9	1.9	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	2.0
105	T.C.	21.1	20.4	19.7	22.1	23.0	21.6	21.1	20.1	22.4	23.2	22.1	21.7	20.3	22.7	23.4
	S.C.	21.0	20.4	17.0	17.5	13.5	21.4	21.2	17.6	18.1	13.9	21.8	22.0	18.3	18.7	14.3
	K.W.	2.2	2.1	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.3
115	T.C.	20.0	19.2	18.4	20.6	21.2	20.5	19.8	18.7	20.9	21.5	20.9	20.2	19.0	21.1	21.7
	S.C.	20.0	19.5	16.1	16.7	13.0	20.3	20.1	16.8	17.3	13.3	20.7	20.6	17.4	17.8	13.7
	K.W.	2.5	2.4	2.5	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
125	T.C.	18.9	18.0	17.0	19.0	19.5	19.3	18.4	17.3	19.3	19.8	19.7	18.8	17.6	19.6	20.0
	S.C.	18.9	18.6	15.2	15.9	12.4	19.2	18.9	15.9	16.5	12.7	19.5	19.3	16.6	17.0	13.0
	K.W.	2.8	2.7	2.7	2.8	2.8	2.8	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
N1VSB12	G2FD030(S,H)17	0.98	0.98	1.00
N1VSB12	G2FD036(S,H)17	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUA12V	G1FA/G1UA030S14	0.98	1.01	1.02
P*DUA12V	G1FA/G1UA036S14	0.99	1.04	1.02
P*DUA12V	G2FD035(S,H)14	0.98	1.03	1.02
P*DUB16V	G1FA/G1UA036S17	0.98	1.00	1.01
P*DUB16V	G2FD036(S,H)17	0.99	1.02	1.00
P*DUB16V	G2FD030(S,H)17	0.98	1.00	1.01
P*DUC20V	G1FA/G1UA036S21	0.98	0.98	1.00
P1XUB12V	G1FA/G1UA036S17	0.98	0.99	1.01
P1XUB12V	G2FD030(S,H)17	0.98	0.99	1.01
P1XUB12V	G2FD036(S,H)17	0.99	1.01	1.01
P1XUC16V	G1FA/G1UA036S21	0.98	1.01	1.00
P1XUC20V	G1FA/G1UA036S21	0.98	0.99	1.00
P1XDB12V	G2FD030(S,H)17	0.98	1.00	1.01
P1XDB12V	G2FD036(S,H)17	0.99	1.01	1.01
P1XDB12V	G1HA036H17	0.97	0.99	1.00
P1XDB12V	G1HD036	0.99	1.01	1.00
PV8A12****UH	G1FA/G1UA030S14	0.98	1.01	1.02
PV8A12****UH	G1FA/G1UA036S14	0.99	1.04	1.02
PV8A12****UH	G2FD035(S,H)14	0.98	1.03	1.02
PV8B16****UH	G1FA/G1UA036S17	0.98	1.00	1.01
PV8B16****UH	G2FD030(S,H)17	0.98	1.00	1.01
PV8B16****UH	G2FD036(S,H)17	0.99	1.02	1.00
PV8C20****UH	G1FA/G1UA036S21	0.98	0.98	1.00
PV9A12****UP	G1FA030S14	0.98	0.98	1.02
PV9A12****UP	G1FA036S14	0.98	0.99	1.02
PV9B12****UP	G1FA036S17	0.98	0.99	1.00
PV9C16****UP	G1FA036S21	0.98	0.99	1.00
PV9C20****UP	G1FA036S21	0.98	0.98	1.02
PV9B12****UP	G2FD030(S,H)17	0.98	0.99	1.00

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE03611														
INDOOR COIL MODEL NO.		G2FD048S21 + N1VSC16														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	750					800					850				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	26.9	27.8	26.7	30.6	31.8	27.4	27.9	27.1	30.8	32.3	28.0	27.9	27.4	31.1	32.7
	S.C.	25.7	25.5	20.0	20.1	16.1	26.3	24.9	20.7	20.9	16.4	26.8	24.3	21.3	21.7	16.8
	K.W.	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2
75	T.C.	25.1	26.1	25.4	28.8	30.6	25.6	26.2	25.7	29.0	31.0	26.2	26.4	26.0	29.2	31.3
	S.C.	24.3	23.9	19.3	19.4	15.5	24.9	23.8	20.0	20.2	15.9	25.5	23.7	20.6	20.9	16.3
	K.W.	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4
85	T.C.	23.2	24.4	24.1	27.0	29.3	23.8	24.6	24.3	27.2	29.7	24.4	24.9	24.6	27.4	30.0
	S.C.	23.0	22.4	18.6	18.7	15.0	23.6	22.7	19.3	19.4	15.4	24.3	23.1	19.9	20.1	15.9
	K.W.	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
95	T.C.	21.3	22.7	22.8	25.2	28.1	22.0	23.0	23.0	25.4	28.4	22.7	23.4	23.2	25.5	28.6
	S.C.	21.7	20.9	17.9	18.1	14.4	22.3	21.7	18.6	18.7	14.9	23.0	22.4	19.2	19.3	15.5
	K.W.	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
105	T.C.	20.3	21.3	21.2	23.6	26.2	20.9	21.6	21.5	23.7	26.4	21.5	21.8	21.7	23.9	26.6
	S.C.	20.6	19.7	17.1	17.4	13.8	21.2	20.4	17.7	18.0	14.2	21.8	21.0	18.3	18.6	14.7
	K.W.	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.2
115	T.C.	19.4	20.0	19.7	22.0	24.3	19.8	20.2	20.0	22.1	24.5	20.3	20.3	20.2	22.2	24.6
	S.C.	19.6	18.5	16.3	16.7	13.2	20.1	19.1	16.9	17.3	13.6	20.6	19.7	17.5	17.9	13.9
	K.W.	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
125	T.C.	18.4	18.7	18.3	20.5	22.4	18.7	18.7	18.5	20.5	22.6	19.1	18.8	18.7	20.6	22.7
	S.C.	18.6	17.4	15.5	16.1	12.6	19.0	17.8	16.1	16.7	12.9	19.4	18.3	16.6	17.2	13.2
	K.W.	3.0	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.87

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
N1VSB12	G2FD046(S,H)17	0.97	0.94	1.01
N1VSC16	G2FD048(S,H)21	1.00	1.00	1.00
N1VSD20	G2FD048(S,H)24	1.00	1.01	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUB16V	G1FA/G1UA048S17	0.98	0.91	1.01
P*DUB16V	G2FD046(S,H)17	0.98	0.91	1.01
P*DUC20V	G1FA/G1UA048S21	0.99	0.92	1.00
P*DUC20V	G2FD048(S,H)21	1.00	0.93	1.00
P1XUB12V	G1FA/G1UA048S17	0.98	0.92	1.03
P1XUB12V	G2FD046(S,H)17	0.98	0.92	1.03
P1XUC16V	G1FA/G1UA048S21	0.99	0.92	1.01
P1XUC16V	G2FD048(S,H)21	1.00	0.93	1.01
P1XUC20V	G1FA/G1UA048S21	0.99	0.92	1.00
P1XUC20V	G2FD048(S,H)21	1.00	0.93	1.00
P1XUD20V	G2FD048(S,H)24	0.99	0.95	1.01
P1XDB12V	G2FD046(S,H)17	0.94	0.89	1.04
P1XDC20V	G2FD048(S,H)21	1.00	0.95	1.03
P1XDC20V	G1HA048H21	0.98	0.94	1.02
P1XDC20V	G1HD048	0.99	0.94	1.03
P1XDD20V	G2FD048(S,H)24	1.00	0.96	1.02
P1XDD20V	G1HD048	0.99	0.95	1.01
PV8B16****UH	G1FA/G1UA048S17	0.98	0.96	1.01
PV8B16****UH	G2FD046(S,H)17	0.98	0.96	1.01
PV8C20****UH	G1FA/G1UA048S21	0.99	1.01	1.00
PV8C20****UH	G2FD048(S,H)21	1.00	1.02	1.00
PV9B12****UP	G1FA048S17	0.98	0.94	1.03
PV9C16****UP	G1FA048S21	0.99	0.99	1.01
PV9C20****UP	G1FA048S21	0.99	1.00	1.02
PV9B12****UP	G2FD046(S,H)17	0.98	0.94	1.03
PV9C16****UP	G2FD048(S,H)21	1.00	1.01	1.01
PV9C20****UP	G2FD048(S,H)21	1.00	1.01	1.01
PV9D20****UP	G2FD048(S,H)24	1.00	1.01	1.01

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE03611														
INDOOR COIL MODEL NO.		G2FD048S21 + N1VSC16														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1200					1300				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	34.1	36.8	36.5	38.0	39.8	34.7	37.1	36.6	37.5	39.3	35.4	37.3	36.6	37.1	38.8
	S.C.	35.3	32.2	26.2	26.1	20.1	36.6	32.8	28.0	25.9	20.3	37.0	33.5	29.8	25.7	20.5
	K.W.	1.9	2.0	2.1	2.0	2.0	1.9	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.1
75	T.C.	33.2	35.5	35.1	37.3	39.1	33.9	35.7	35.3	37.0	38.8	34.6	36.0	35.5	36.8	38.5
	S.C.	34.5	32.0	26.3	26.1	20.3	35.6	32.7	27.9	26.3	20.5	36.8	33.4	29.4	26.5	20.7
	K.W.	2.2	2.2	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4
85	T.C.	32.4	34.1	33.8	36.5	38.5	33.1	34.4	34.1	36.5	38.4	33.8	34.6	34.3	36.5	38.3
	S.C.	33.7	31.7	26.5	26.2	20.5	34.6	32.6	27.8	26.8	20.7	35.5	33.4	29.0	27.3	20.8
	K.W.	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.6	2.6
95	T.C.	31.6	32.7	32.4	35.8	37.8	32.3	33.0	32.8	36.0	37.9	32.9	33.3	33.2	36.2	38.0
	S.C.	32.9	31.5	26.6	26.3	20.6	33.6	32.4	27.6	27.2	20.8	34.3	33.3	28.6	28.1	21.0
	K.W.	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9
105	T.C.	29.1	30.7	30.5	33.5	34.7	29.9	30.9	30.8	33.7	35.5	30.7	31.1	31.1	33.9	36.2
	S.C.	30.3	30.3	25.2	25.1	21.4	31.1	30.6	26.1	26.0	20.9	32.0	30.8	27.0	26.9	20.5
	K.W.	3.2	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.3	3.3
115	T.C.	26.7	28.8	28.5	31.3	31.7	27.6	28.9	28.9	31.5	33.1	28.5	29.0	29.1	31.8	34.4
	S.C.	27.7	29.1	23.8	23.9	22.1	28.8	28.8	24.6	24.8	21.0	29.8	28.4	25.4	25.7	19.9
	K.W.	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
125	T.C.	24.2	26.9	26.6	29.0	28.8	25.3	26.9	26.9	29.4	30.7	26.3	26.9	27.2	29.6	32.7
	S.C.	25.1	27.9	22.4	22.7	22.9	26.4	27.0	23.1	23.6	21.1	27.6	26.0	23.8	24.5	19.3
	K.W.	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
N1VSB12	G2FD046(S,H)17	0.97	0.97	1.01
N1VSC16	G2FD048(S,H)21	1.00	1.00	1.00
N1VSD20	G2FD048(S,H)24	1.00	1.01	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUB16V	G1FA/G1UA048S17	0.98	1.00	1.01
P*DUB16V(G2FD046(S,H)17	0.98	1.00	1.01
P*DUC20V	G1FA/G1UA048S21	0.99	1.00	1.00
P*DUC20V(G2FD048(S,H)21	1.00	1.01	1.00
P1XUB12V	G1FA/G1UA048S17	0.98	1.00	1.03
P1XUB12V	G2FD046(S,H)17	0.98	1.00	1.03
P1XUC16V	G1FA/G1UA048S21	0.99	1.01	1.01
P1XUC16V	G2FD048(S,H)21	1.00	1.03	1.01
P1XUC20V	G1FA/G1UA048S21	0.99	1.01	1.00
P1XUC20V	G2FD048(S,H)21	1.00	1.03	1.00
P1XUD20V	G2FD048(S,H)24	0.99	1.00	1.01
P1XDB12V	G2FD046(S,H)17	0.94	0.98	1.04
P1XDC20V	G2FD048(S,H)21	1.00	1.03	1.03
P1XDC20V	G1HA048H21	0.98	0.98	1.02
P1XDC20V	G1HD048	0.99	1.02	1.03
P1XDD20V	G2FD048(S,H)24	1.00	1.02	1.02
P1XDD20V	G1HD048	0.99	1.01	1.01
PV8B16****UH	G1FA/G1UA048S17	0.98	1.00	1.01
PV8B16****UH	G2FD046(S,H)17	0.98	1.00	1.01
PV8C20****UH	G1FA/G1UA048S21	0.99	1.00	1.00
PV8C20****UH	G2FD048(S,H)21	1.00	1.01	1.00
PV9B12****UP	G1FA048S17	0.98	0.88	1.03
PV9C16****UP	G1FA048S21	0.99	0.93	1.01
PV9C20****UP	G1FA048S21	0.99	0.93	1.02
PV9B12****UP	G2FD046(S,H)17	0.98	0.88	1.03
PV9C16****UP	G2FD048(S,H)21	1.00	0.94	1.01
PV9C20****UP	G2FD048(S,H)21	1.00	0.94	1.01
PV9D20****UP	G2FD048(S,H)24	1.00	0.94	1.01

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE03811														
INDOOR COIL MODEL NO.		G2FD061S24 + N1VSD12														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	700					750					800				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	23.0	25.3	26.2	29.3	31.1	24.0	25.6	26.9	29.6	32.3	25.0	26.0	27.5	29.9	33.4
	S.C.	22.9	22.0	19.1	19.0	15.8	24.0	23.4	20.0	19.6	16.0	25.0	24.8	20.8	20.3	16.3
	K.W.	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0
75	T.C.	21.9	23.7	24.6	27.7	29.9	22.8	24.1	25.1	28.0	30.8	23.7	24.4	25.7	28.3	31.7
	S.C.	21.8	21.3	18.3	18.3	15.1	22.8	22.2	19.2	19.0	15.4	23.7	23.1	20.0	19.7	15.6
	K.W.	1.4	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2
85	T.C.	20.8	22.1	22.9	26.1	28.7	21.6	22.5	23.4	26.4	29.3	22.5	22.9	23.9	26.7	29.9
	S.C.	20.8	20.5	17.5	17.7	14.4	21.6	21.0	18.3	18.4	14.7	22.4	21.4	19.1	19.1	15.0
	K.W.	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.5	1.4
95	T.C.	19.7	20.6	21.2	24.6	27.5	20.5	20.9	21.6	24.8	27.8	21.2	21.3	22.0	25.0	28.2
	S.C.	19.7	19.7	16.8	17.1	13.7	20.4	19.7	17.5	17.9	14.0	21.2	19.7	18.3	18.4	14.4
	K.W.	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
105	T.C.	18.4	18.9	19.2	22.4	25.2	19.1	19.4	19.7	22.6	25.6	19.8	19.9	20.2	22.8	25.9
	S.C.	18.4	18.1	15.9	16.3	12.9	19.0	18.3	16.6	17.0	13.3	19.7	18.5	17.3	17.6	13.7
	K.W.	2.1	2.1	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
115	T.C.	17.1	17.4	17.3	20.3	23.0	17.8	17.9	17.8	20.4	23.3	18.4	18.5	18.3	20.6	23.7
	S.C.	17.1	16.6	15.1	15.6	12.2	17.7	17.0	15.8	16.2	12.6	18.3	17.4	16.5	16.8	13.0
	K.W.	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4	2.4	2.3	2.3	2.4	2.4	2.4	2.3
125	T.C.	15.8	15.8	15.4	18.1	20.8	16.4	16.4	15.9	18.3	21.1	17.0	17.1	16.5	18.4	21.4
	S.C.	15.8	15.0	14.3	14.8	11.5	16.4	15.7	14.9	15.4	11.9	17.0	16.3	15.6	16.0	12.4
	K.W.	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

LOW

Air Handler	Coil	T.C.	S.C.	KW
F2FV060	-	0.98	0.99	0.99
N1VSB12	G2FD046(S,H)17	0.99	0.98	1.01
N1VSC16	G2FD048(S,H)21	0.99	0.99	1.00
N1VSD12	G2FD048(S,H)24	0.99	0.99	1.00
N1VSD12	G2FD060(S,H)24	0.99	0.99	0.99
N1VSD12	G2FD061H24	1.00	1.00	1.00
N1VSD20	G2FD048(S,H)24	0.98	0.99	0.99
N1VSD20	G2FD060(S,H)24	0.98	0.99	0.99
N1VSD20	G2FD061H24	0.99	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUB16V	G1FA048S17	0.96	0.90	1.00
P*DUB16V	G2FD046(S,H)17	0.96	0.90	1.00
P*DUC20V	G1FA048S21	0.96	0.91	0.99
P*DUC20V	G1FA060S21	0.97	0.90	1.00
P*DUC20V	G2FD048(S,H)21	0.98	0.91	1.00
P1XDC20V	G1FA048S21	0.99	0.98	1.03
P1XDC20V	G1HA048H21	0.99	0.97	1.03
P1XDC20V	G1HD048	0.99	0.97	1.03
P1XDC20V	G2FD048(S,H)21	0.99	0.98	1.02
P1XDD20V	G1FA060S24	0.96	0.92	1.01
P1XDD20V	G1HA60H24	0.96	0.92	1.01
P1XDD20V	G1HD048	0.97	0.92	1.01
P1XDD20V	G1HD060	0.95	0.91	1.01
P1XDD20V	G2FD060(S,H)24	0.96	0.92	1.01
P1XDD20V	G2FD061H24	0.97	0.92	1.01

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1XUB12V	G1FA048S17	0.96	0.91	1.01
P1XUB12V	G2FD046(S,H)17	0.96	0.91	1.01
P1XUC16V	G1FA048S21	0.97	0.90	0.99
P1XUC16V	G1FA060S21	0.96	0.90	0.99
P1XUC16V	G2FD048(S,H)21	0.98	0.91	0.99
P1XUC20V	G1FA048S21	0.96	0.92	0.99
P1XUC20V	G1FA060S21	0.98	0.92	1.00
P1XUC20V	G2FD048(S,H)21	0.98	0.92	1.00
P1XUD20V	G1FA060S24	0.98	1.00	1.02
P1XUD20V	G2FD060(S,H)24	0.98	1.00	1.02
P1XUD20V	G2FD061H24	0.98	0.93	1.00
PV8B16****UH	G1FA048S17	0.96	0.90	1.00
PV8B16****UH	G2FD046(S,H)17	0.96	0.90	1.00
PV8C20****UH	G1FA048S21	0.96	0.91	0.99
PV8C20****UH	G1FA060S21	0.97	0.90	1.00
PV8C20****UH	G2FD048(S,H)21	0.98	0.91	1.00
PV9B12****UP	G1FA048S17	0.98	0.99	1.03
PV9B12****UP	G2FD046(S,H)17	0.98	0.99	1.03
PV9C16****UP	G1FA048S21	1.00	1.00	1.04
PV9C16****UP	G1FA060S21	0.99	1.01	1.03
PV9C16****UP	G2FD048(S,H)21	1.01	1.02	1.03
PV9C20****UP	G1FA048S21	1.00	1.02	1.03
PV9C20****UP	G1FA060S21	1.01	1.03	1.03
PV9C20****UP	G2FD048(S,H)21	0.99	1.02	1.03
PV9D20****UP	G1FA060S24	1.00	1.01	1.02
PV9D20****UP	G2FD048(S,H)24	0.98	1.00	1.02
PV9D20****UP	G2FD060(S,H)24	1.00	1.01	1.02
PV9D20****UP	G2FD061H24	1.00	1.01	1.03

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE03811														
INDOOR COIL MODEL NO.		G2FD061S24 + N1VSD12														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1200					1300				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	S.C.	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
	K.W.	34.8	34.0	37.4	41.7	45.4	35.7	36.2	38.1	42.2	46.3	36.7	38.4	38.8	42.8	47.2
75	T.C.	34.8	31.0	27.3	27.4	21.7	35.7	35.3	28.6	28.5	22.5	36.6	35.5	30.0	29.8	23.4
	S.C.	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7	1.8	1.9	1.7	1.7	1.8	1.8	1.9
	K.W.	33.2	33.1	35.4	39.4	43.4	34.1	34.6	36.0	39.9	44.2	35.0	36.2	36.6	40.5	45.0
85	T.C.	33.2	33.0	26.5	26.5	21.0	34.1	33.6	27.7	27.7	21.8	34.9	34.1	29.0	28.9	22.7
	S.C.	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.1
	K.W.	31.6	32.1	33.4	37.2	41.4	32.4	33.1	33.9	37.7	42.1	33.3	34.1	34.4	38.2	42.8
95	T.C.	31.6	31.0	25.6	25.6	20.4	32.4	31.9	26.8	26.8	21.1	33.2	32.7	28.1	28.0	22.0
	S.C.	2.2	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.4	2.3	2.3	2.3	2.4	2.4
	K.W.	30.1	31.2	31.4	34.9	39.4	30.8	31.5	31.8	35.4	40.0	31.6	32.0	32.2	35.9	40.6
105	T.C.	30.0	29.0	24.8	24.7	19.7	30.8	30.2	25.9	26.1	20.5	31.5	31.4	27.1	27.1	21.3
	S.C.	2.5	2.5	2.5	2.6	2.6	2.5	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.6	2.7
	K.W.	28.3	29.1	29.2	32.4	36.5	29.0	29.6	29.4	32.8	37.0	29.7	30.1	29.8	33.3	37.6
115	T.C.	28.3	27.1	23.7	23.7	18.8	28.9	28.1	24.8	24.9	19.5	29.7	29.1	25.9	26.1	20.3
	S.C.	2.9	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.1	3.1
	K.W.	26.5	27.0	26.9	29.9	33.8	27.2	27.6	27.2	30.3	34.2	28.0	28.3	27.4	30.7	34.6
125	T.C.	26.5	25.1	22.7	22.8	17.9	27.2	26.0	23.7	24.0	18.6	27.9	27.0	24.7	25.2	19.3
	S.C.	3.4	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.5	3.4	3.4	3.4	3.5	3.5
	K.W.	24.8	25.0	24.7	27.4	31.1	25.5	25.7	24.9	27.8	31.4	26.2	26.5	25.1	28.2	31.7

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
F2FV060	-	0.99	0.99	1.00
N1VSB12	G2FD046(S,H)17	0.98	0.97	1.01
N1VSC16	G2FD048(S,H)21	0.99	0.99	1.00
N1VSD12	G2FD048(S,H)24	0.99	0.99	1.00
N1VSD12	G2FD060(S,H)24	0.99	0.99	1.00
N1VSD12	G2FD061H24	1.00	1.00	1.00
N1VSD20	G2FD048(S,H)24	0.99	0.99	1.00
N1VSD20	G2FD060(S,H)24	0.99	0.99	1.00
N1VSD20	G2FD061H24	0.99	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUB16V	G1FA048S17	0.99	1.00	1.01
P*DUB16V	G2FD046(S,H)17	0.99	1.00	1.01
P*DUC20V	G1FA048S21	0.98	0.99	1.02
P*DUC20V	G1FA060S21	0.99	0.99	1.00
P*DUC20V	G2FD048(S,H)21	1.00	1.00	1.01
P1XDC20V	G1FA048S21	0.98	0.99	1.03
P1XDC20V	G1HA048H21	0.98	0.99	1.04
P1XDC20V	G1HD048	0.98	0.99	1.03
P1XDC20V	G2FD048(S,H)21	0.99	1.00	1.04
P1XDD20V	G1FA060S24	0.99	1.01	1.04
P1XDD20V	G1HA60H24	0.99	1.01	1.04
P1XDD20V	G1HD048	0.98	0.99	1.03
P1XDD20V	G1HD060	0.98	0.99	1.03
P1XDD20V	G2FD060(S,H)24	0.99	1.01	1.04
P1XDD20V	G2FD061H24	1.00	1.01	1.04
P1XUB12V	G1FA048S17	0.98	0.98	1.04

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P1XUB12V	G2FD046(S,H)17	0.98	0.98	1.04
P1XUC16V	G1FA048S21	0.99	0.99	1.03
P1XUC16V	G1FA060S21	0.99	1.00	1.02
P1XUC16V	G2FD048(S,H)21	0.99	1.00	1.02
P1XUC20V	G1FA048S21	0.99	1.00	1.01
P1XUC20V	G1FA060S21	0.99	0.99	1.01
P1XUC20V	G2FD048(S,H)21	0.99	1.00	1.01
P1XUD20V	G1FA060S24	0.99	1.00	1.02
P1XUD20V	G2FD060(S,H)24	0.99	1.00	1.02
P1XUD20V	G2FD061H24	1.00	1.01	1.02
PV8B16****UH	G1FA048S17	0.99	1.00	1.01
PV8B16****UH	G2FD046(S,H)17	0.99	1.00	1.01
PV8C20****UH	G1FA048S21	0.98	0.99	1.02
PV8C20****UH	G1FA060S21	0.99	0.99	1.00
PV8C20****UH	G2FD048(S,H)21	1.00	1.00	1.01
PV9B12****UP	G1FA048S17	0.98	0.98	1.04
PV9B12****UP	G2FD046(S,H)17	0.98	0.98	1.04
PV9C16****UP	G1FA048S21	0.99	0.99	1.02
PV9C16****UP	G1FA060S21	0.99	1.00	1.02
PV9C16****UP	G2FD048(S,H)21	0.99	1.00	1.02
PV9C20****UP	G1FA048S21	0.99	0.99	1.03
PV9C20****UP	G1FA060S21	0.99	1.00	1.02
PV9C20****UP	G2FD048(S,H)21	0.99	1.00	1.02
PV9D20****UP	G1FA060S24	0.99	1.00	1.02
PV9D20****UP	G2FD048(S,H)24	0.99	1.00	1.02
PV9D20****UP	G2FD060(S,H)24	0.99	1.00	1.02
PV9D20****UP	G2FD061H24	1.00	1.01	1.02

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE04811														
INDOOR COIL MODEL NO.		G2FD060S24 + N1VSD20														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	950					1000					1050				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	29.9	33.7	34.9	37.9	45.0	31.0	34.1	35.3	38.5	45.5	32.1	34.5	35.8	39.0	46.1
	S.C.	33.1	31.3	26.6	26.1	21.6	34.2	32.4	27.6	27.0	22.3	35.4	33.5	28.6	27.8	22.9
	K.W.	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75	T.C.	28.3	31.6	32.6	36.3	42.7	29.3	32.1	33.1	36.8	43.2	30.4	32.5	33.5	37.3	43.7
	S.C.	31.3	30.0	25.4	25.5	20.9	32.4	31.1	26.4	26.4	21.5	33.5	32.1	27.4	27.2	22.1
	K.W.	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85	T.C.	26.7	29.5	30.3	34.6	40.3	27.6	30.0	30.8	35.1	40.8	28.6	30.5	31.3	35.6	41.2
	S.C.	29.5	28.8	24.3	24.8	20.1	30.5	29.8	25.3	25.7	20.7	31.6	30.7	26.3	26.6	21.3
	K.W.	2.3	2.2	2.3	2.2	2.2	2.3	2.2	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2
95	T.C.	25.1	27.5	28.0	32.9	38.0	26.0	28.0	28.5	33.4	38.4	26.9	28.5	29.0	33.9	38.8
	S.C.	27.7	27.6	23.2	24.2	19.3	28.7	28.5	24.2	25.1	19.9	29.7	29.3	25.1	26.0	20.5
	K.W.	2.6	2.6	2.6	2.5	2.5	2.6	2.5	2.6	2.5	2.5	2.6	2.5	2.6	2.5	2.5
105	T.C.	23.7	25.4	25.8	30.2	35.1	24.5	25.9	26.3	30.6	35.5	25.3	26.3	26.8	31.0	35.9
	S.C.	26.1	25.8	22.1	23.2	18.4	27.0	26.6	23.0	24.0	18.9	27.9	27.4	23.9	24.9	19.4
	K.W.	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
115	T.C.	22.4	23.4	23.7	27.7	32.2	23.0	23.8	24.1	28.0	32.6	23.7	24.2	24.6	28.3	33.0
	S.C.	24.6	23.9	21.0	22.2	17.5	25.4	24.7	21.9	23.0	18.0	26.2	25.5	22.8	23.8	18.4
	K.W.	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
125	T.C.	21.1	21.4	21.6	25.1	29.3	21.6	21.8	22.0	25.3	29.7	22.1	22.1	22.4	25.5	30.1
	S.C.	23.0	22.1	19.9	21.2	16.5	23.7	22.9	20.8	22.0	17.0	24.4	23.6	21.6	22.7	17.4
	K.W.	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
F2FV060		1.00	1.00	1.00
N1VSD20	G2FD060(S,H)24	1.00	1.00	1.00
N1VSD20	G2FD061H24	1.00	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	1.00	0.94	1.02
P*DUC20V	G2FD060(S,H)24	1.00	0.94	1.02
P*DUC20V	G2FD061H24	1.00	0.91	1.00
P1XUC16V	G1FA060S21	0.99	0.92	1.02
P1XUC16V	G2FD060(S,H)24	0.99	0.92	1.02
P1XUC16V	G2FD061H24	1.00	0.95	1.04
P1XUC20V	G1FA060S21	0.99	0.94	1.02
P1XUC20V	G2FD060(S,H)24	0.99	0.94	1.02
P1XUC20V	G2FD061H24	0.99	0.91	0.99
P1XUD20V	G1FA060S24	1.00	0.94	1.03
P1XUD20V	G2FD060(S,H)24	1.00	0.94	1.03
P1XUD20V	G2FD061H24	1.00	0.93	1.00
P1XDC20V	G2FD060(S,H)24	0.99	0.96	1.03
P1XDC20V	G1HA60H24	0.99	0.96	1.02
P1XDC20V	G1HD060	0.98	0.91	1.02
P1XDD20V	G2FD060(S,H)24	0.99	0.95	1.03
P1XDD20V	G2FD061H24	0.99	0.89	0.99
P1XDD20V	G1HA60H24	0.99	0.93	1.03
P1XDD20V	G1HD060	0.98	0.88	0.99
PV8C20****UH	G1FA060S21	1.00	1.03	1.02
PV8C20****UH	G2FD060(S,H)24	1.00	1.03	1.02
PV8C20****UH	G2FD061H24	1.00	1.04	1.00
PV9C16****UP	G1FA060S21	0.95	1.01	0.93
PV9C20****UP	G1FA060S21	0.94	1.00	0.93
PV9D20****UP	G1FA060S24	0.94	1.00	0.92
PV9D20****UP	G2FD060(S,H)24	0.94	1.00	0.92
PV9D20****UP	G2FD061H24	0.95	1.01	0.93

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE04811														
INDOOR COIL MODEL NO.		G2FD060S24 + N1VSD20														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1500					1600					1700				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	49.7	52.5	48.5	54.2	62.6	50.6	52.9	49.1	54.8	63.1	51.6	53.3	49.6	55.3	63.6
	S.C.	52.8	50.4	38.3	38.5	30.4	53.8	51.3	39.7	39.7	31.3	54.8	52.2	41.1	41.0	32.3
	K.W.	2.6	2.6	2.6	2.7	2.8	2.6	2.7	2.7	2.7	2.9	2.7	2.7	2.7	2.8	2.9
75	T.C.	47.4	49.9	46.0	51.7	59.5	48.3	50.4	46.5	52.2	60.0	49.2	50.8	47.1	52.7	60.4
	S.C.	50.4	48.4	37.1	37.4	29.6	51.3	49.4	38.5	38.7	30.5	52.2	50.4	39.8	39.9	31.3
	K.W.	2.9	3.0	2.9	3.0	3.2	3.0	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.1	3.2
85	T.C.	45.2	47.4	43.5	49.2	56.4	46.0	47.9	44.0	49.6	56.8	46.9	48.4	44.5	50.0	57.2
	S.C.	47.9	46.4	35.9	36.4	28.9	48.8	47.5	37.2	37.6	29.6	49.7	48.6	38.5	38.9	30.2
	K.W.	3.3	3.3	3.3	3.4	3.5	3.3	3.3	3.3	3.4	3.5	3.4	3.4	3.4	3.5	3.6
95	T.C.	42.9	44.9	40.9	46.7	53.3	43.7	45.5	41.5	47.0	53.7	44.5	46.0	41.9	47.3	54.1
	S.C.	45.5	44.4	34.6	35.3	28.1	46.3	45.6	35.9	36.6	28.7	47.1	46.7	37.2	37.9	29.2
	K.W.	3.6	3.6	3.6	3.7	3.8	3.6	3.7	3.6	3.8	3.9	3.7	3.7	3.7	3.8	3.9
105	T.C.	40.4	41.9	39.0	43.3	49.5	41.1	42.4	39.5	43.6	49.8	41.7	42.8	39.9	43.9	50.2
	S.C.	42.8	42.1	33.9	34.0	26.7	43.4	43.0	35.0	35.3	27.3	44.1	43.9	36.1	36.5	27.9
	K.W.	4.2	4.1	4.1	4.2	4.3	4.2	4.2	4.2	4.3	4.4	4.3	4.2	4.2	4.3	4.4
115	T.C.	37.9	39.0	37.2	40.1	45.7	38.4	39.4	37.6	40.4	46.1	38.9	39.8	38.0	40.6	46.3
	S.C.	40.1	39.9	33.2	32.7	25.3	40.6	40.5	34.2	33.9	26.0	41.1	41.1	35.1	35.1	26.7
	K.W.	4.7	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.8	4.9	4.8	4.8	4.7	4.8	4.9
125	T.C.	35.4	36.1	35.4	36.9	42.0	35.8	36.4	35.7	37.1	42.3	36.2	36.7	36.0	37.3	42.5
	S.C.	37.4	37.7	32.5	31.4	23.9	37.8	38.0	33.3	32.6	24.6	38.1	38.3	34.0	33.8	25.4
	K.W.	5.3	5.2	5.2	5.2	5.3	5.4	5.2	5.2	5.3	5.4	5.4	5.3	5.3	5.3	5.4

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
F2FV060		1.00	1.00	1.00
N1VSD20	G2FD060(S,H)24	1.00	1.00	1.00
N1VSD20	G2FD061H24	1.00	1.01	0.99

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	1.00	1.03	1.02
P*DUC20V	G2FD060(S,H)24	1.00	1.03	1.02
P*DUC20V	G2FD061H24	1.00	1.00	1.00
P1XUC16V	G1FA060S21	0.99	0.99	1.02
P1XUC16V	G2FD060(S,H)24	0.99	0.99	1.02
P1XUC16V	G2FD061H24	1.00	1.04	1.04
P1XUC20V	G1FA060S21	0.99	1.02	1.02
P1XUC20V	G2FD060(S,H)24	0.99	1.02	1.02
P1XUC20V	G2FD061H24	0.99	0.98	0.99
P1XUD20V	G1FA060S24	1.00	1.03	1.03
P1XUD20V	G2FD060(S,H)24	1.00	1.03	1.03
P1XUD20V	G2FD061H24	1.00	0.99	1.00
P1XDC20V	G2FD060(S,H)24	0.99	1.01	1.03
P1XDC20V	G1HA60H24	0.99	0.98	1.02
P1XDC20V	G1HD060	0.98	0.97	1.02
P1XDD20V	G2FD060(S,H)24	0.99	1.03	1.03
P1XDD20V	G2FD061H24	0.99	0.97	0.99
P1XDD20V	G1HA60H24	0.99	1.02	1.03
P1XDD20V	G1HD060	0.98	0.95	0.99
PV8C20****UH	G1FA060S21	1.00	1.03	1.02
PV8C20****UH	G2FD060(S,H)24	1.00	1.03	1.02
PV8C20****UH	G2FD061H24	1.00	1.00	1.00
PV9C16****UP	G1FA060S21	0.95	0.92	0.93
PV9C20****UP	G1FA060S21	0.94	0.92	0.93
PV9D20****UP	G1FA060S24	0.94	0.92	0.92
PV9D20****UP	G2FD060(S,H)24	0.94	0.92	0.92
PV9D20****UP	G2FD061H24	0.95	0.92	0.93

COOLING PERFORMANCE DATA - LOW CFM 1-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE06011														
INDOOR COIL MODEL NO.		G2FD061S24 + N1VSD20														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1100					1150					1200				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	38.7	40.9	41.4	45.9	50.5	39.4	41.5	41.8	46.3	51.1	40.1	42.2	42.2	46.7	51.7
	S.C.	42.1	38.7	32.0	32.2	25.9	42.8	39.7	32.8	32.8	26.0	43.6	40.8	33.5	33.4	26.1
	K.W.	2.2	2.2	2.1	2.2	2.1	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2
75	T.C.	37.0	39.1	39.4	43.7	48.1	37.6	39.6	39.8	44.0	48.7	38.2	40.2	40.1	44.4	49.3
	S.C.	40.2	37.2	31.1	31.2	25.0	40.8	38.1	31.8	31.8	25.1	41.5	39.1	32.5	32.3	25.3
	K.W.	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	2.6	2.6	2.6	2.6	2.5
85	T.C.	35.2	37.3	37.5	41.5	45.8	35.7	37.7	37.8	41.8	46.3	36.3	38.1	38.1	42.1	46.9
	S.C.	38.3	35.6	30.2	30.2	24.0	38.9	36.5	30.9	30.7	24.3	39.4	37.4	31.5	31.3	24.5
	K.W.	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.9	3.0	2.9	3.0	2.9	2.9
95	T.C.	33.5	35.5	35.5	39.2	43.4	33.9	35.8	35.7	39.5	44.0	34.3	36.1	36.0	39.8	44.5
	S.C.	36.5	34.1	29.4	29.1	23.0	36.9	35.0	30.0	29.7	23.4	37.3	35.8	30.5	30.3	23.7
	K.W.	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
105	T.C.	31.6	32.9	33.0	36.5	40.6	32.1	33.3	33.2	36.8	40.9	32.5	33.6	33.5	37.1	41.3
	S.C.	34.5	32.1	28.2	28.0	22.0	34.9	32.8	28.7	28.6	22.3	35.3	33.6	29.3	29.1	22.6
	K.W.	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.9	3.8	3.8
115	T.C.	29.8	30.5	30.6	33.9	37.8	30.3	30.8	30.8	34.2	38.0	30.8	31.1	31.0	34.4	38.2
	S.C.	32.5	30.2	27.1	26.9	20.9	33.0	30.8	27.6	27.5	21.2	33.4	31.4	28.0	28.1	21.6
	K.W.	4.4	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3	4.4	4.3	4.3	4.3	4.3
125	T.C.	28.0	28.0	28.2	31.3	35.0	28.5	28.3	28.3	31.5	35.1	29.0	28.6	28.4	31.8	35.1
	S.C.	30.6	28.2	26.0	25.8	19.9	31.1	28.7	26.4	26.4	20.2	31.6	29.3	26.8	27.0	20.5
	K.W.	4.9	4.8	4.8	4.8	4.8	4.9	4.8	4.8	4.8	4.8	4.9	4.8	4.8	4.8	4.8

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

LOW CFM

Air Handler	Coil	T.C.	S.C.	KW
F2FV060		1.00	0.99	1.00
N1VSD20	G2FD060(S,H)24	0.99	0.99	0.99
N1VSD20	G2FD061H24	1.00	1.00	1.00

Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	0.99	0.86	1.01
P*DUC20V	G2FD060(S,H)24	0.99	0.86	1.01
P1XUC20V	G1FA060S21	0.98	0.86	1.01
P1XUC20V	G2FD060(S,H)24	0.98	0.86	1.01
P1XUC20V	G2FD061H24	0.99	0.86	1.01
P1XUD20V	G1FA060S24	0.98	0.87	1.00
P1XUD20V	G2FD060(S,H)24	0.98	0.85	1.00
P1XUD20V	G2FD061H24	0.99	0.85	0.99
P1XDC20V	G2FD060(S,H)24	0.98	0.86	1.01
P1XDC20V	G1HA60H24	0.98	0.87	1.01
P1XDC20V	G1HD060	0.96	0.87	1.00
P1XDD20V	G2FD060(S,H)24	0.98	0.86	1.00
P1XDD20V	G2FD061H24	0.99	0.85	0.99
P1XDD20V	G1HA60H24	0.98	0.85	1.00
P1XDD20V	G1HD060	0.96	0.84	1.00
PV8C20****UH	G1FA060S21	0.99	0.97	1.01
PV8C20****UH	G2FD060(S,H)24	0.99	0.97	1.01
PV9C20****UP	G1FA060S21	0.98	0.97	1.00
PV9D20****UP	G1FA060S24	0.98	0.97	0.99
PV9D20****UP	G2FD060(S,H)24	0.98	0.97	0.99
PV9D20****UP	G2FD061H24	0.99	0.98	0.99

COOLING PERFORMANCE DATA - HIGH CFM 2-STAGE OPERATION																
OUTDOOR UNIT MODEL NO.		CZE06011														
INDOOR COIL MODEL NO.		G2FD061S24 + N1VSD20														
CONDENSER ENTERING AIR TEMPERATURE	ID CFM	1750					1850					1950				
	ID DB (°F)	80	80	75	80	80	80	80	75	80	80	80	80	75	80	80
	ID WB (°F)	57	62	62	67	72	57	62	62	67	72	57	62	62	67	72
65	T.C.	53.8	58.0	57.9	64.1	68.1	54.8	58.2	58.5	64.2	68.1	55.7	58.3	59.0	64.3	68.2
	S.C.	58.7	54.4	46.0	46.2	33.8	59.7	55.6	47.0	46.8	34.6	60.6	56.8	48.0	47.4	35.3
	K.W.	3.5	3.5	3.5	3.6	3.7	3.5	3.6	3.6	3.7	3.8	3.6	3.6	3.7	3.8	3.8
75	T.C.	51.8	55.2	55.5	61.1	65.7	52.6	55.5	55.8	61.3	65.9	53.4	55.9	56.1	61.5	66.1
	S.C.	56.4	52.9	44.9	44.7	33.4	57.3	54.2	45.8	45.4	34.1	58.1	55.5	46.7	46.2	34.7
	K.W.	3.9	4.0	4.0	4.1	4.2	4.0	4.0	4.0	4.1	4.2	4.1	4.1	4.1	4.2	4.3
85	T.C.	49.8	52.3	53.0	58.0	63.4	50.5	52.9	53.2	58.4	63.7	51.2	53.4	53.3	58.7	64.0
	S.C.	54.1	51.4	43.7	43.1	33.0	54.9	52.9	44.6	44.1	33.5	55.6	54.3	45.4	45.0	34.1
	K.W.	4.4	4.4	4.4	4.5	4.6	4.4	4.5	4.5	4.6	4.7	4.5	4.6	4.5	4.7	4.8
95	T.C.	47.7	49.5	50.5	55.0	61.1	48.4	50.2	50.5	55.5	61.5	48.9	51.0	50.5	56.0	62.0
	S.C.	51.9	49.9	42.5	41.6	32.6	52.5	51.5	43.3	42.7	33.0	53.1	53.0	44.1	43.7	33.4
	K.W.	4.8	4.9	4.9	5.0	5.1	4.9	4.9	4.9	5.0	5.2	5.0	5.0	5.0	5.1	5.3
105	T.C.	45.2	46.6	47.2	51.7	57.2	45.7	47.1	47.3	52.1	57.6	46.3	47.6	47.3	52.4	58.0
	S.C.	49.1	47.7	40.9	40.3	31.2	49.7	48.9	41.7	41.3	31.6	50.2	50.2	42.6	42.2	32.1
	K.W.	5.5	5.5	5.5	5.6	5.8	5.5	5.6	5.6	5.7	5.8	5.6	5.6	5.6	5.7	5.9
115	T.C.	42.7	43.8	44.0	48.5	53.5	43.2	44.1	44.2	48.7	53.9	43.7	44.4	44.3	49.0	54.2
	S.C.	46.4	45.5	39.3	39.1	29.8	46.9	46.5	40.2	40.0	30.3	47.4	47.5	41.1	40.8	30.8
	K.W.	6.1	6.2	6.1	6.2	6.4	6.2	6.2	6.2	6.3	6.4	6.3	6.3	6.2	6.4	6.5
125	T.C.	40.2	41.0	40.8	45.3	49.8	40.7	41.1	41.0	45.4	50.1	41.1	41.2	41.3	45.5	50.4
	S.C.	43.7	43.3	37.7	37.8	28.4	44.2	44.0	38.7	38.6	28.9	44.7	44.8	39.7	39.3	29.5
	K.W.	6.8	6.8	6.7	6.9	7.0	6.8	6.8	6.8	6.9	7.0	6.9	6.9	6.9	7.0	7.1

NOTE: ALL CAPACITIES ARE NET (KBTUH) WITH INDOOR FAN HEAT ALREADY DEDUCTED AT 1250 BTUH/1000 CFM.

Multipliers for determining the performance with other indoor sections.

NOTE: KW RATING IS FOR OUTDOOR AND INDOOR UNITS.

NOTE: For dry bulb temperatures different than those listed (between 73-87 F), sensible capacity increases by 1060 BTUH per 1000 CFM per degree above the listed temperature and decreases by 1060 BTUH per 1000 CFM per degree below the listed temperature.

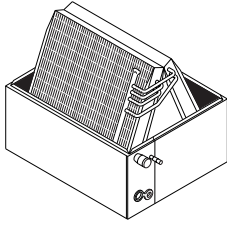
HIGH CFM

Air Handler	Coil	T.C.	S.C.	KW
F2FV060		1.00	0.99	1.00
N1VSD20	G2FD060(S,H)24	0.99	0.99	0.99
N1VSD20	G2FD061H24	1.00	1.00	1.00

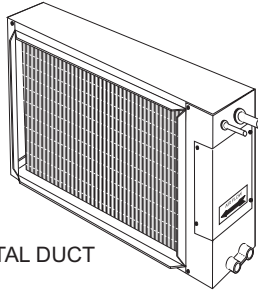
Variable Speed Furnace	Coil	T.C.	S.C.	KW
P*DUC20V	G1FA060S21	0.99	0.99	1.01
P*DUC20V	G2FD060(S,H)24	0.99	0.99	1.01
P1XUC20V	G1FA060S21	0.98	0.96	1.01
P1XUC20V	G2FD060(S,H)24	0.98	0.96	1.01
P1XUC20V	G2FD061H24	0.99	0.97	1.01
P1XUD20V	G1FA060S24	0.98	0.95	1.00
P1XUD20V	G2FD060(S,H)24	0.98	0.95	1.00
P1XUD20V	G2FD061H24	0.99	0.96	0.99
P1XDC20V	G2FD060(S,H)24	0.98	0.94	1.01
P1XDC20V	G1HA60H24	0.98	0.94	1.01
P1XDC20V	G1HD060	0.96	0.92	1.00
P1XDD20V	G2FD060(S,H)24	0.98	0.95	1.00
P1XDD20V	G2FD061H24	0.99	0.96	0.99
P1XDD20V	G1HA60H24	0.98	0.95	1.00
P1XDD20V	G1HD060	0.96	0.93	1.00
PV8C20****UH	G1FA060S21	0.99	0.99	1.01
PV8C20****UH	G2FD060(S,H)24	0.99	0.99	1.01
PV9C20****UP	G1FA060S21	0.98	0.90	1.00
PV9D20****UP	G1FA060S24	0.98	0.90	0.99
PV9D20****UP	G2FD060(S,H)24	0.98	0.90	0.99
PV9D20****UP	G2FD061H24	0.99	0.91	0.99

MATCHING INDOOR COMPONENTS

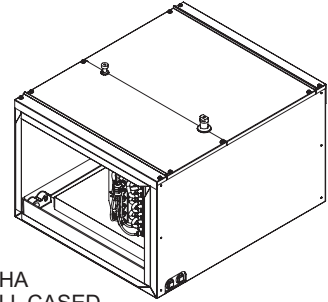
ADD-ON COILS - FOR FURNACE APPLICATIONS



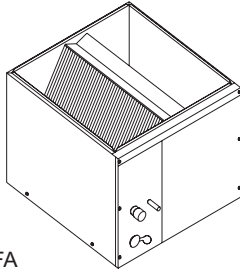
G1UA
1/2 CASED
UPFLOW



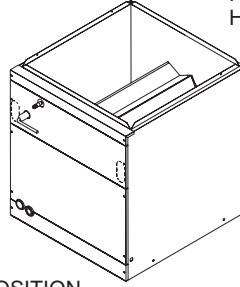
G1HD
HORIZONTAL DUCT



G1HA
FULL CASED
HORIZONTAL



G1FA
FULL CASED
UPFLOW

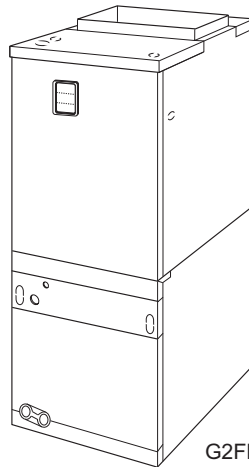


G2FD*
MULTI-POSITION
(UPFLOW, HORIZONTAL
AND DOWNFLOW)

* Available with factory installed horizontal drain pan.

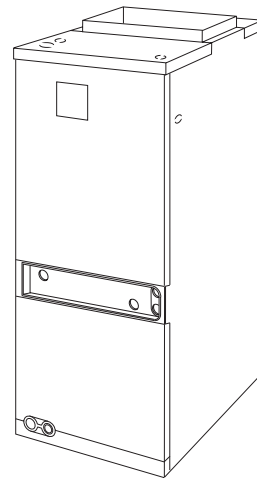
AIR HANDLERS - FOR NON-FURNACE APPLICATIONS

N1VS
MODULAR BLOWER
(UPFLOW, HORIZONTAL
AND DOWNFLOW)



G2FD
COIL

F2FV
FAN COIL UNITS (UPFLOW, HORIZONTAL)



NOTES

NOTES

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036-21592-002 Rev. B (0205)
Supersedes: 036-21592-002 Rev. A (1204)

Unitary	5005	Norman
Products	York	OK
Group	Drive	73069