

# GENUINE COMFORT

DELIVERING COMFORT CONSISTENTLY

## Genuine Comfort Submittal Sheet

Job Name:		Engineer:	
Purchaser:		Architect:	
Unit No.:		Contractor:	
Schedule:		Submitted to:	
Location:		Submitted by:	
Comment:		Date Submitted:	

Model: **GC 42" PTAC/PTHP E2 Series (High Efficiency Series)**

## FEATURES

- ETL (Intertek) Certified
- AHRI Certified (Heat-Pump)
- Energy Efficient: Meets DOE Standards
- Dual Motors For Quiet & Efficient Operations
- Universal Wall-Sleeve Fit
- Universal Thermostat Compatibility
- EMS Compatible
- Electric Touch Pad Controls
- R410A Refrigerant
- **Genuine Care Warranty: 1 Year Unit Replacement (if parts and labour is not available), 6 Year Parts Replacement**

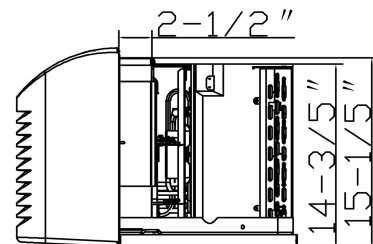
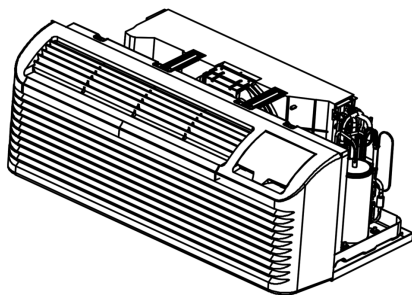
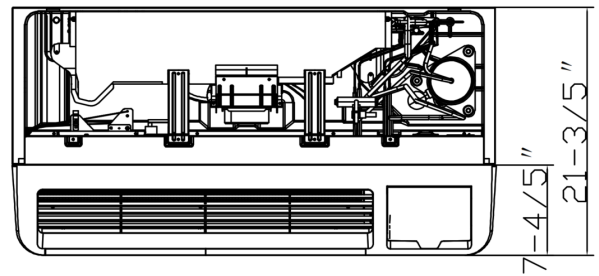
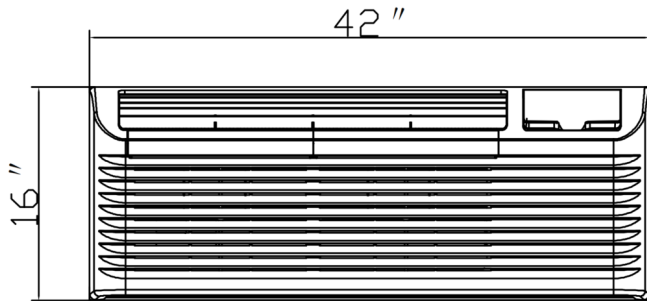


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Model name		GC-07ENR1-E2	GCHP-07ANR1-E2	GC-09ENR1-E2	GCHP-09ANR1-E2	GC-12ENR1-E2	GCHP-12ANR1-E2	GC-15ENR1-E2	GCHP-15ANR1-E2
Power supply	V/Ph/Hz	208/230V/1/60	208/230V/1/60	208/230V/1/60	208/230V/1/60	208/230V/1/60	208/230V/1/60	208/230V/1/60	208/230V/1/60
	Capacity Btu/h	6800/7200	6800/7200	9300/9500	9300/9500	12280/12750	12280/12750	14300/14500	14300/14500
Cooling	Power input W	520/560	520/560	765/785	765/785	1050/1090	1050/1090	1345/1365	1345/1365
	EER	13/12.8	13/12.8	12.1/12.1	12.1/12.1	11.7/11.7	11.7/11.7	10.6/10.6	10.6/10.6
	Rated current A	2.6/2.5	2.6/2.5	3.8/3.6	3.8/3.6	5.3/4.9	5.3/4.9	6.3/5.9	6.3/5.9
	Capacity W		6300/6400		8300/8500		11000/11400		13200/13600
Heating	Power input W		520/530		685/710		915/950		1150/1180
	COP		3.55/3.54		3.55/3.51		3.52/3.51		3.36/3.38
	Rated current A		2.5/2.3		3.3/3.1		4.7/4.4		5.6/5.2
	Capacity W		240V/20A		240V/20A		240V/20A		240V/30A
Power line specification	A	240V/20A	240V/20A	240V/20A	240V/20A	240V/20A	240V/20A	240V/30A	240V/30A
Max. input consumption	W	740	740	1040	1040	1460	1460	1760	1760
Max. current	A	3.9	3.9	5.1	5.1	7.3	7.3	8.9	8.9
Electric heat at 15AMP Cord	Power input W	2090/2550	2090/2550	2090/2550	2090/2550	2090/2550	2090/2550	2090/2550	2090/2550
	Rated Current A	10.0/11.1	10.0/11.1	10.0/11.1	10.0/11.1	10.0/11.1	10.0/11.1	10.0/11.1	10.0/11.1
Electric heat at 20AMP Cord	Power input W	2990/3650	2990/3650	2990/3650	2990/3650	2990/3650	2990/3650	2990/3650	2990/3650
	Rated Current A	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9
Electric heat at 30AMP Cord	Power input W					4135/5050	4135/5050	4135/5050	4135/5050
	Rated Current A					19.8/21.9	19.8/21.9	19.8/21.9	19.8/21.9
Operation Control (Optional)		Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Indoor coil	Number of row	3	3	3	3	3	3	3	3
	Fin spacing mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm	1.6mm
	Fin material	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube outside diameter mm	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7
	Tube material	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C
	Coil width height x depth mm	26.74x252x705.4	26.74x252x705.4	40.11x252x705.4	40.11x252x705.4	40.11x252x705.4	40.11x252x705.4	40.11x252x705.4	40.11x252x705.4
Indoor fan motor	Number of circuit	4	4	4	4	4	4	4	4
	Brand	Chigo	Chigo	Chigo	Chigo	Chigo	Chigo	Chigo	Chigo
	Model	YDK-25-4P2	YDK-25-4P2	YDK-25-4P2	YDK-25-4P2	YDK-30-4P2	YDK-30-4P2	YDK-30-4P2-4	YDK-30-4P2-4
	Input W	55	55	55	55	64	64	64	64
	Capacitor uF	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Speed(Hi/Lo) rpm	750/650	750/650	750/650	750/650	1050/850	1050/850	1050/850	1050/850
Indoor air flow (Hi/Lo) CFM	410/365	410/365	410/365	410/365	470/410	470/410	470/410	470/410	
Indoor noise level (Hi/Lo) dB(A)	46/36	46/36	46/36	46/36	48/42	48/42	48/42	48/42	
Outdoor coil	Number of row	3	3	3	3	3	3	3	3
	Fin spacing mm	1.4mm	1.4mm	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm	1.5mm
	Fin material	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube outside diameter mm	φ7	φ7	φ7	φ7	φ7	φ7	φ7	φ7
	Tube material	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C	φ7×0.24×0.18×C
	Coil width height x depth mm	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4	40.11x335x679.4
Compressor	Number of circuit	4	4	4	4	4	4	4	4
	Brand	RECHI	RECHI	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Model	39B142G	39B142G	ASN82N2VDZ1	ASN82N2VDZ1	ASM113N1UDZ	ASM113N1UDZ	ASM135N1UDZ	ASM135N1UDZ
	Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Capacitor mF	15	15	20	20	40	40	40	40
	Brand	Chigo/KB	Chigo/KB	Chigo/KB	Chigo/KB	Chigo/KB	Chigo/KB	Chigo/KB	Chigo/KB
Outdoor fan motor	Model	YDK-55-4P2	YDK-55-4P2	YDK-55-4P2	YDK-55-4P2	YDK-55-4P2	YDK-55-4P2	YDK-65-4P2-1	YDK-65-4P2-1
	Input W	95	95	95	95	95	95	100	100
	Capacitor uF	3	3	3	3	3	3	3	3
	Speed rpm	1600	1600	1600	1600	1600	1600	1680	1680
Outdoor air flow CFM	706	706	706	706	736	736	736	736	
Outdoor noise level dB(A)	65	65	66	66	67	67	67	67	
Net dimension (W×H×D) mm	1066*535*408	1066*535*408	1066*535*408	1066*535*408	1066*535*408	1066*535*408	1066*535*408	1066*535*408	1066*535*408
Packing dimension (W×H×D) mm	1150*630*480	1150*630*480	1150*630*480	1150*630*480	1150*630*480	1150*630*480	1150*630*480	1150*630*480	1150*630*480
Unit weight	Net LBS	97	99	100	102	108	110	110	112
	Gross LBS	110	112	114	116	121	123	123	126
Refrigerant	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Charge oz	29.98	29.98	32.1	32.1	30.7	30.7	34.2	34.2
Operation temperature range °C	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32
Application area	m2	<10	<10	10~18	10~18	10~18	10~18	18~25	18~25
	°C	12-48	12-48	12-48	12-48	12-48	12-48	12-48	12-48
Ambient temp(Outdoor)	°F	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118
	°C	/	5-27	/	5-27	/	5-27	/	5-27



Note: Model numbers are subject to change

The above designs and specifications are subject to change for product improvement

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