## GENUINE COMFORT

#### DELIVERING COMFORT CONSISTENTLY

#### **Genuine Comfort Submittal Sheet**

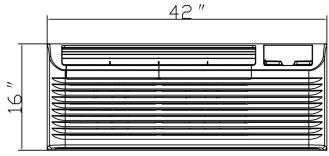
Job Name:	Engineer:	
Purchaser:	Architect:	
Unit No.:	Contractor:	
Schedule:	Submitted to:	
Location:	Submitted by:	
Comment:	Date Submitted:	

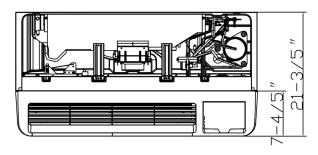
## Model: GC 42" PTAC F Series (Standard Series)

### **FEATURES**

- ETL (Intertek) Certified
- 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







# GENUINE COMFORT

#### DELIVERING COMFORT CONSISTENTLY

#### **Genuine Comfort Submittal Sheet**

					Comfort		i Sileet			
Model		V-Ph-Hz	GC-07ENR1-F	GCHP-07ANR1-F	GC-09ENR1-F	GCHP-09ANR1-F	GC-12ENR1-F	GCHP-12ANR1-F	GC-15ENR1-F	GCHP-15ANR1-F
Power supply Power supply type		V-Ph-Hz	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply	230/208V /60Hz Single-phase power supply
	Capacity	Btu/h	7400/7200	7200/6800	9500/9300	9200/9000	12200/12000	12000/11800	14700/14500	14700/14500
Cooling	Input	W Btu/h.W	620/605	605/570	835/815 11.4/11.4	805/790	1140/1120	1130/1110	1470/1450	1470/1450 10.0/10.0
	EER Capacity	Btu/h.W	11.9/11.9	11.9/11.9 6000/5800	11.4/11.4	11.4/11.4 8300/8100	10.7/10.7	10.6/10.6 10800/10500	10.0/10.0	13600/13400
Heating	Input	w	1	520/500	1	715/700	1	960/930	1	1245/1210
	COP	Btu/h.W	0.992/0.994	3.4/3.4 0.992/0.994	0.987/0.990	3.4/3.4 0.987/0.990	0.956/0.963	3.3/3.3 0.956/0.963	0.985/0.991	3.2/3.2 0.985/0.991
Cooling power factor Heating power factor			0.992/0.994	0.992/0.994	0.987/0.990	0.987/0.988	0.950/0.903	0.936/0.940	0.965/0.991	0.983/0.991
Max. input consumption		w	775	775	1080	1080	1460	1460	1760	1760
Max. current	Power input	A W	3.4 2090/2550	3.4 2090/2550	4.8 2090/2550	4.8 2090/2550	7.3 2090/2550	7.3 2090/2550	7.8 2090/2550	7.8 2090/2550
Electric heat at 15AMP Cord	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
Electric fleat at Essaini Cora	Rated Current	W	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9	14.3/15.9 4135/5050	14.3/15.9 4135/5050	14.3/15.9 4135/5050
Electric heat at 30AMP Cord	Power input Rated Current	A					4135/5050 19.8/21.9	19.8/21.9	19.8/21.9	19.8/21.9
	230V	kg/h	0.02	0.02	0.65	0.65	1.2	1.2	1.72	1.72
Dehumidification		pint/hr kg/h	0.04	0.04	1.37	1.37	2.54 1.32	2.54 1.32	3.64 1.84	3.64 1.84
	208V	pint/hr	0.23	0.23	1.69	1.69	2.79	2.79	3.89	3.89
	Model		ASN58N	ASN58N	ASN82N	ASN82N	ASM113N1UDZ	ASM113N1UDZ	ASM135N	ASM135N
	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand Supplier	-	GMCC GMCC	GMCC GMCC	GMCC GMCC	GMCC GMCC	GMCC GMCC	GMCC GMCC	GMCC GMCC	GMCC GMCC
	Capacity	Btu/h	6500/6550 ± 5 %	6500/6550 ± 5 %	9550/9600± 5 %	9550/9600± 5 %	11500/11450±5%	11500/11450±5%	13700/13850±5%	13700/13850±5%
Compressor	Input	w	480/492 ± 5 %	480/492 ± 5 %	675/690 ± 5 %	675/690 ± 5 %	1090/1075 ±5%	1090/1075 ±5%	1275/1300 ±5%	1275/1300 ±5%
	Rated current(RLA) Locked rotor Amp(LRA)	A	2.30/2.15 17±10%	2.30/2.15 17±10%	3.25/3.05 20±10%	3.25/3.05 20±10%	4.9/5.3 ±5% 28.5±10%	4.9/5.3 ±5% 28.5±10%	6.35/5.75 34.5±10%	6.35/5.75 34.5±10%
	Thermal protector	°c	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)	135±5(Built-in)
	Capacitor	uF	20	20	20	20	40	40	40	40
	Refrigerant oil Model	ml	270 YDK-25-4P2	270 YDK-25-4P2	280 YDK-25-4P2	280 YDK-25-4P2	320 YDK-30-4P2	320 YDK-30-4P2	300 YDK-30-4P2	300 YDK-30-4P2
	Туре		Single-axis fan motor	Single-axis fan motor	Single-axis fan motor	Single-axis fan motor	Single-axis fan motor	Single-axis fan motor	Single-axis fan motor	Single-axis fan motor
	Brand		KB/Chigo	KB/Chigo	KB/Chigo	KB/Chigo	KB/Chigo	KB/Chigo	KB/Chigo	KB/Chigo
	Insulation class Safe class	+	A IP20	A IP20	A IP20	A IP20	A IP20	A IP20	A IP20	A IP20
Indoor fan motor	Input	w	55	55	55	55	64	64	64	64
	Output	w	25	25	25	25	30	30	30	30
	Rated current	A uF	0.25	0.25	0.25	0.25	0.29	0.29	0.29	0.29
	Capacitor Speed(hi/lo)	r/min	1.5 900/650	1.5 900/650	1.5 900/650	1.5 900/650	1.5 1050/850	1.5	1.5 1050/950	1.5
	material		Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal
Indoor fan	Туре		Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade	Cross-flow fan blade
	Diameter Height	mm	120 706	120 706	120 706	120 706	120 706	120 706	120	120 706
	a.Number of rows		2	2	2	2	2	2	3	3
	b.Tube pitch(a)x row pitch(b)	mm	21*13.37	21*13.37	21*13.37	21*13.37	21*13.37	21*13.37	21*13.37	21*13.37
	c.Fin spacing d.Fin type (code)	mm	1.4 Window type fins	1.4 Window type fins	1.4 Window type fins	1.4 Window type fins	1.4 Window type fins	1.4 Window type fins	1.6 Window type fins	1.6 Window type fins
Indoor coil	e.Tube outside dia.and type	mm	φ7×0.24+0.18×C	ф7×0.24+0.18×C	φ7×0.24+0.18×C	φ7×0.24+0.18×C	ф7×0.24+0.18×С	φ7×0.24+0.18×C	ф7×0.24+0.18×С	φ7×0.24+0.18×C
	**		Threaded pipe	Threaded pipe	Threaded pipe	Threaded pipe	Threaded pipe	Threaded pipe	Threaded pipe	Threaded pipe
	f.Coil length x height g.Number of circuits	mm	704*252	704*252	704*252	704*252	704*252	704*252	704*252	704*252
Indoor air flow (Hi/Lo)	garamoer or circuits	m3/h	720/620	720/620	700/620	700/620	800/700	800/700	800/700	800/700
CFM		424/365	424/365	412/365	412/365	471/412	471/412	471/412	471/412	
Indoor external static pressure (Hi) Indoor sound level (sound pressure	level)	Pa dB(A)	0 48/39	0 48/39	0 48/39	0 48/39	0 52/46	0 52/46	0 51/48	0 51/48
indoor sound level (sound pressure	Model	(-)	YDK-55-4P2-4	YDK-55-4P2-4	YDK-55-4P2-4	YDK-55-4P2-4	YDK-AI-55-4P2	YDK-AI-55-4P2	YDK-55-4P2-4	YDK-55-4P2-4
	Туре		Single-axis iron motor	Single-axis iron motor	Single-axis iron motor	Single-axis iron motor	Single-axis iron motor	Single-axis iron motor	Single-axis iron motor	Single-axis iron motor
	Brand Insulation class		GI A	GI A	GI A	GI A	GI A	GI A	GI A	GI A
Outdoor fan motor	Safe class		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Outdoor fan motor	Input	w	104	104	104	104	104	104	104	104
	Output Rated current	W A	55 0.46	55 0.46	55 0.46	55 0.46	55 0.46	55 0.46	55 0.46	55 0.46
	Capacitor	uF	3	3	3	3	3	3	3	3
	Speed	r/min	1600	1600	1600	1600	1600	1600	1600	1600
Outdoor fan	material Type	+	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow	ABS+G15 Axial flow
	Diameter	mm	348	348	348	348	348	348	348	348
	Height	mm	104	104	104	104	104	104	104	104
	Number of rows Tube pitch(a)x row pitch(b)	mm	2 14.5*12.56	2 14.5*12.56	2 14.5*12.56	2 14.5*12.56	2 14.5*12.56	2 14.5*12.56	3 21*13.37	3 21*13.37
	Fin spacing	mm	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.5
Outdoor coil	Fin type (code)		Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins	Hydrophilic window fins
Outdoor coil	Tube outside dia.and type	mm	φ5 φ4.9×0.2+0.15×C	φ5 φ4.9×0.2+0.15×C	φ5 φ4.9×0.2+0.15×C	φ5 φ4.9×0.2+0.15×C	φ5 φ4.9×0.2+0.15×C	φ5 φ4.9×0.2+0.15×C	φ7 φ7×0.24+0.18×C	φ7 φ7×0.24+0.18×C
	Coil length x height	mm	φ4.9×0.2+0.15×C 676x348	ф4.9×0.2+0.15×С 676х348	φ4.9×0.2+0.15×C 676x348	φ4.9×0.2+0.15×C 676x348	ф4.9×0.2+0.15×C 676x348	φ4.9×0.2+0.15×C 676x348	φ/×0.24+0.18×C 676x336	φ/×0.24+0.18×C 676x336
	Number of circuits		4	4	2	2	2	2	4	4
Outdoor air flow	II	m3/h dB(A)	1200	1200	1200	1200	1200	1200	1200	1200
Outndoor sound level(sound pressu		mm	66 1066*535*408	66 1066*535*408	66 1066*535*408	66 1066*535*408	66 1066*535*408	66 1066*535*408	66 1066*535*408	66 1066*535*408
Unit	Dimension(W*H*D)	inch	42*21*16	42*21*16	42*21*16	42*21*16	42*21*16	42*21*16	42*21*16	42*21*16
	Packing (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
	Net/Gross weight	inch Kg	45*25*19 43.5/48.5	45*25*19 44/49	45*25*19 43.5/48.5	45*25*19 44/49	45*25*19 46/51	45*25*19 46.5/51.5	45*25*19 48.5/53.5	45*25*19 49/54
Charged refrigerant type		g	560	540	550	550	750	750	970	970
Charged refrigerant type		oz	19	19	19.4	19.4	26.5	26.5	34.2	34.2
Throttle type		MPa	Capillary 3.1/1.6	Capillary 3.1/1.6	Capillary 3.1/1.6	Capillary 3.1/1.6	Capillary 3.3/1.6	Capillary 3.3/1.6	Capillary 3.6/1.6	Capillary 3.6/1.6
Design pressure	Power wiring	mm2	3.1/1.6 3.3081 (LCDI-20A)	3.1/1.6 3.3081 (LCDI-20A)	3.1/1.6 3.3081 (LCDI-20A)	3.1/1.6 3.3081 (LCDI-20A)	3.3/1.6 3.3081 (LCDI-20A)	3.3/1.6 3.3081 (LCDI-20A)	3.6/1.6 5.2615 (LCDI-30A)	3.6/1.6 5.2615 (LCDI-30A)
Connection wiring	Signal wiring	mm2	0.3243	0.3243	0.3243	0.3243	0.3243	0.3243	0.3243	0.3243
Controller			Button control/ Remote control /24V wired control		Button control/ Remote control			Button control/ Remote control /24V wired control		Button control/ Remote contro
Operation temp °C		°C	/24V wired control 16~32	/24V wired control 16~32	/24V wired control 16~32	/24V wired control 16~32	/24V wired control 16-32	/24V wired control 16-32	/24V wired control 16-32	/24V wired control 16-32
	Cooling	TC	12-48	12-48	12-48	12-48	12-48	12-48	12-48	12-48
Ambient temp(Outdoor)	9	T	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118	53.6-118
	Heating	T T		5-27 41-80.6		5-27 41-80.6		5-27 41-80.6		5-27 41-80.6

