

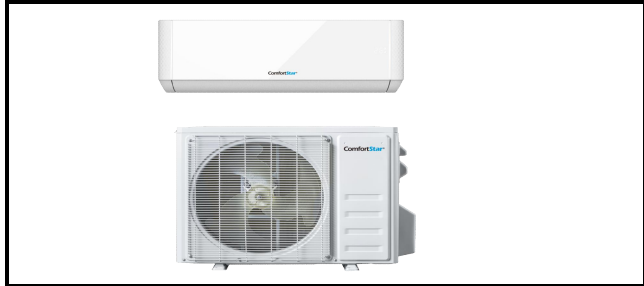


# SUBMITTAL DATA SHEET

## ComfortStar®

<b>CHT12CA-23</b>	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

<b>Set Model</b>	
Indoor unit model	CHT12CA-23(I)
Outdoor unit model	CHT12CA-23(O)
<b>Certified</b>	
AHRI	
ETL	



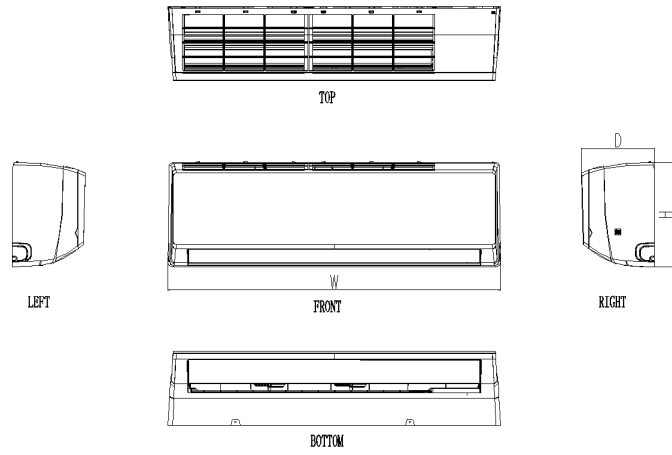
SYSTEM PERFORMANCE DATA		
Cooling capacity	Btu/h	12000.00
EER2	Btu/W.h	12.50
SEER2	Btu/W.h	22.00
Heating capacity(47°F/8.3C)	Btu/h	12000.0
Heating capacity(17°F/-8.3C)	Btu/h	7500.0
Max. Heating capacity(19°F/-7C)	Btu/h	10000.0
Heating capacity(5°F/-15C)	Btu/h	8700.0
Rated Input Consumption	Cooling(W)	920
	Heating(W)	910
Rated Current	Cooling(A)	8.2
	Heating(A)	8.2
Min. Circuit Ampacity	A	17
Maximum Fuse Size	A	25

INDOOR UNIT DATA			
Unit dimensions	mm	920×306×195	
(W x D x H)	inch	36.22×12.05×7.68	
Unit net weight	kg	10.50	
	lbs	23.15	
Net weight with all accessories	kg	11.50	
	lbs	25.3529	
Packing dimensions	mm	990×380×265	
(W x D x H)	inch	38.98×14.96×10.43	
Gross weight without pipe	kg	12.00	
	lbs	26.4552	
Gross weight with all accessories	kg	13.50	
	lbs	29.7621	
<b>Indoor fan motor</b>			
Model	ZKFP-20-8-125		
output	W	25.0	
Speed(Hi/Mi/Lo)	r/min	1250/1050/850/750	
Indoor air flow (Hi/Mi/Lo)	m3/h	800/650/500	
	CFM	471/382/294	
Indoor noise level			
(Turbo/High/Med./Low/Mute)	dB(A)	45/39/34/29/27	

REFRIGERANT PIPE DATA		
<b>Compressor</b>		
Model	KSK103D33UEZC3	
Type	rotary	
Brand	GMCC	
Capacity	W	3255.0
Input	W	830.0
Rated current(RLA)	A	5.7
Refrigerant type	kg	1.2
	ozs	42.3
Design pressure	PSIG	550.0
<b>Refrigerant piping</b>		
Gas side	inch	3/8"
Liquid side	inch	1/4"
Max. refrigerant pipe lengt	(m/ft)	15 / 50
Max. difference in level	(m/ft)	10 / 33

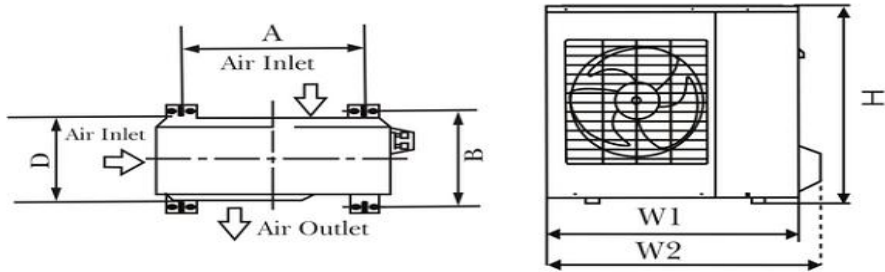
OUTDOOR UNIT DATA			
Unit dimensions	(W	mm	728x305x550
x D x H)		inch	28.66x12.01x21.65
Unit net weight		kg	27.4
		lbs	60.4
Net weight 5m pipe		kg	29.4
		lbs	64.8
Packing dimensions		mm	840x340x605
(W x D x H)		inch	33.07x13.39x23.82
Gross weight without pipe		kg	29.7
		lbs	65.5
Packing dimensions		mm	852x358x610
(W x D x H)		inch	33.54x14.09x24.02
Gross weight		kg	31.7
with 5m pipe		lbs	69.9
Packing dimensions		mm	860x365x646
(W x D x H)		inch	33.86x14.37x25.44
Gross weight		kg	33
with super package with 5m pipe		lbs	72.8

Indoor unit dimension



	W(mm)	H(mm)	D(mm)
9K/12K (CA)	820	306	195
9K/12K (CD)	920	306	195
18K/24K	1100	333	222

Outdoor unit dimension



	H(mm)	W1(mm)	W2(mm)	D(mm)
9K/12K	549	728	795	256
18K	699	845	920	329
24K	804	910	967	355