

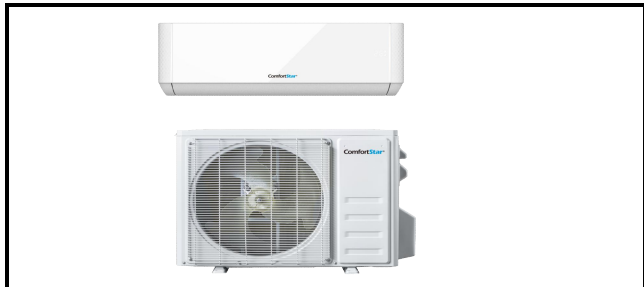


# SUBMITTAL DATA SHEET

## ComfortStar®

<b>CHT18CD-23</b>	
Location: _____ Engineer: _____ Submitted to: _____ Submitted by: _____ Reference: _____	Approval: _____ Date: _____ Construction: _____ Unit #: _____ Drawing #: _____

<b>Set Model</b>	
Indoor unit model	CHT18CD-23(I)
Outdoor unit model	CHT18CD-23(O)
<b>Certified</b>	AHRI  ETL 



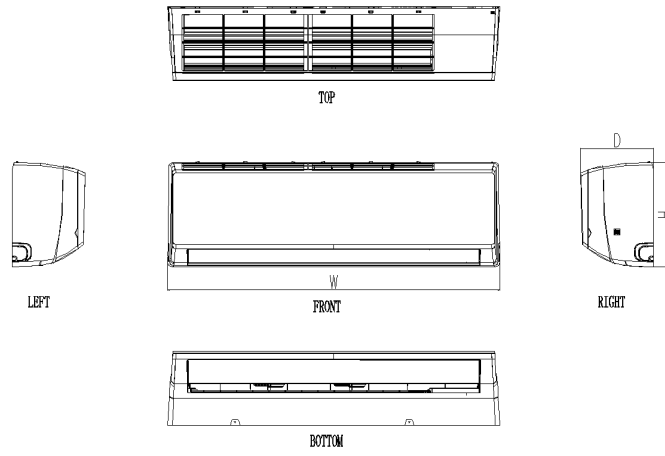
SYSTEM PERFORMANCE DATA		
Cooling capacity	Btu/h	18000.00
EER2	Btu/W.h	13.00
SEER2	Btu/W.h	22.00
Heating capacity(47°F/8.3C)	Btu/h	18000.0
Heating capacity(17°F/-8.3C)	Btu/h	10000.0
Max. Heating capacity(19°F/-7C)	Btu/h	14000.0
Heating capacity(5°F/-15C)	Btu/h	11900.0
	Cooling(W)	1350
Rated Input Consumption	Heating(W)	1310
	Cooling(A)	6.1
Rated Current	Heating(A)	5.9
Min. Circuit Ampacity	A	13
Maximum Fuse Size	A	20

INDOOR UNIT DATA			
Unit dimensions	mm		1100×333×222
(W x D x H)	inch		43.31×13.11×8.74
Unit net weight	kg		14.00
	lbs		30.86
Net weight with all accessories	kg		15.00
	lbs		33.069
Packing dimensions	mm		1165×405×295
(W x D x H)	inch		45.87×15.95×11.61
Gross weight without pipe	kg		16.00
	lbs		35.2736
Gross weight with all accessories	kg		17.00
	lbs		37.4782
<b>Indoor fan motor</b>			
Model			ZWK465800501
output	W		45.0
Speed(Hi/Mi/Lo)	r/min		1130/990/850/750
Indoor air flow (Hi/Mi/Lo)	m3/h		1250/1050/900
	CFM		735/618/529
Indoor noise level			
(Turbo/High/Med./Low/Mute)	dB(A)		48/45/40/35/31

REFRIGERANT PIPE DATA		
<b>Compressor</b>		
Model		KSN140D33UFZ3
Type		rotary
Brand		GMCC
Capacity	W	4270.0
Input	W	1115.0
Rated current(RLA)	A	6.8
Refrigerant type	kg	1.4
	ozs	50.4
Design pressure	PSIG	550.0
<b>Refrigerant piping</b>		
Gas side	inch	1/2"
Liquid side	inch	1/4"
Max. refrigerant pipe lengt	(m/ft)	20 / 65
Max. difference in level	(m/ft)	15 / 49

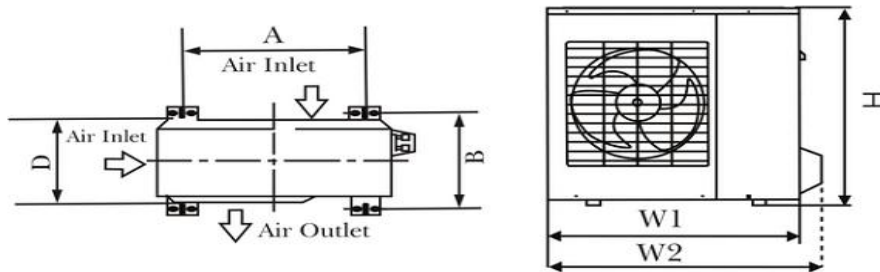
OUTDOOR UNIT DATA			
Unit dimensions	(W	mm	845×380×699
x D x H)		inch	33.26×14.96×27.51
Unit net weight		kg	38.5
		lbs	84.9
Net weight 5m pipe		kg	40.5
		lbs	89.3
Packing dimensions		mm	960×430×750
(W x D x H)		inch	37.79×16.92×29.53
Gross weight without pipe		kg	42.5
		lbs	93.7
Packing dimensions		mm	960×430×750
(W x D x H)		inch	37.79×16.92×29.53
Gross weight		kg	44.5
with 5m pipe		lbs	98.1
Packing dimensions		mm	965×440×785
(W x D x H)		inch	38.0x17.33x30.91
(with super package with nine)			
Gross weight		kg	46.5
with super package with 5m pipe		lbs	102.5

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