

Technical Specifications			
Model			30K
Type			cooling only
Climate type			T3
Power supply			230V~1 Phase/ 60Hz
Voltage Range		V	198~264
Refrigerant		kg	R410A / 1.550 kg
Cooling T1	Rated capacity	Btu/h	27800
	Rated capacity	kW	8.15
	EER	Btu/h/W;	12.40
	EER	W/W	3.63
	Rated power input	W	2242
	Rated current	A	9.9
	Max power input	W	2915
	Max current	A	12.9
Cooling T3	Rated capacity	Btu/h	23500
	Rated capacity	kW	6.90
	EER	Btu/h/W;	8.70
	EER	W/W	2.55
	Rated power input	W	2701
	Rated current	A	12.0
	Max power input	W	3600
	Max current	A	18.0
Heating	Rated capacity	W	NA
	COP	W/W	NA
	Rated power input	W	NA
	Rated current	A	NA
	Max power input	W	NA
	Max current	A	NA
Indoor air volume(Cooling/Heating)		m <sup>3</sup> /h	1600
Annual energy consumption		kwh/year	6053
CSEC		kWh	8943
SEER		Btu/(W.h)	10.45
SEER Energy class			D
Pressure	High(DP)	MPa	4.5
	Low(SP)	MPa	1.9
Indoor noise level at cooling	Super	dB(A)	54
	High	dB(A)	52
	Med.	dB(A)	48
	Low	dB(A)	43
	Quite	dB(A)	41
Outdoor noise level		dB(A)	58
Net dimensions (W x Dx H)	Indoor		1277×360×271
	Outdoor		978×421×803
	Indoor		1332×437×350

Packing dimensions (W x D x H)	Outdoor (without piping)		1025x480x840
	Outdoor (with piping)		1025x480x840
Net weight	Indoor	Kg	21
	Outdoor	Kg	51
Gross weight	Indoor	Kg	25
	Outdoor (without piping)	Kg	55
	Outdoor (with piping)	Kg	58
Stuffing qty	40'HQ (without piping)		98
	40'HQ (with piping)		98
Moisture removal		Liters/h	1.9
Compressor	Type		Rotary
	Brand		Highly
Evaporator			Hydrophilic & Louver Fin; Innergroover tube type $\phi 7$
Condenser			Louver or Corrugated Fin; Innergroover tube type $\phi 5$ or $\phi 7$
Expansion device			Capillary tube
Defrosting system			Microcomputer controlled reverse system
<b>Fan System</b>			
Indoor fan type			Cross flow
Indoor fan motor		brand	WELLING/Broad-ocean
Indoor fan speed H/M/L	Cooling	rpm	1280/1170/1010/890/830
	Heating	rpm	NA
	Dry	rpm	890
	Sleep	rpm	890
Outdoor fan type			Propeller
Outdoor fan motor		brand	Broad-ocean
Outdoor fan speed		rpm	850
<b>Connections</b>			
Connecting Pipe	Gas	Inches	$\Phi 15.88(5/8")$
	Liquid	Inches	$\Phi 6(1/4")$
Connecting Wiring	Size x Core number		
DraiN.Age Pipe			O.D 16mm
Suitable area		m <sup>2</sup>	50~70