

# KENWISE SDN BHD PRODUCT TECHNICAL SPECIFICATION & FEATURE LIST

Series			Wall-Mount Split Type Series	Wall-Mount Split Type Series	Wall-Mount Split Type Series		
Model			9K	12K	18K		
Type			Fixed Speed	Fixed Speed	Fixed Speed		
Items		Unit	only cooling	only cooling	only cooling		
Climate type			T1	T1	T1		
Nameplate Parameter	Rated Capacity	Cooling	W	2602.00	3505.00	5250.00	
		Heating	W	/	/	/	
	Rated Input Power	Cooling	W	833.00	1127.00	1693.00	
		Heating	W	/	/	/	
	Rated Input Current	Cooling	A	3.86	5.23	7.85	
		Heating	A	/	/	/	
	Max. Input Power	W	1124.55	1521.45	2285.55		
	Max. Input Current	A	5.22	7.06	10.60		
	EER	W/W	3.12	3.11	3.10		
	COP	W/W	/	/	/		
	Power supply source	V/Ph/Hz		220 ~ 240V-1-50Hz	220 ~ 240V-1-50Hz	220 ~ 240V-1-50Hz	
	Refrigerant			R32	R32	R32	
	Refrigerant Charged	g		310g	450g	800	
	Max. Discharge Pressure	Mpa		4.2	4.2	4.2	
	Max. Suction Pressure	Mpa		1.2	1.2	1.2	
	Air Flow Volume	m <sup>3</sup> /h		500/440/380/320/270	650/570/480/390/340	800/740/660/540/420	
	IDU-Noise level (Lp) [+/- 3dB]	dB(A)		36	40	42	
	ODU-Noise level (Lp)[+/- 3dB]	dB(A)		48	49	52	
Indoor unit weight (Net)	kg		7	8	10		
Outdoor unit weight (Net)	kg		24	28	38		
Indoor unit weight (Gross)	kg		9	11	13		
Outdoor unit weight (Gross)	kg		26	30	41		
Indoor unit configuration	Evaporator	Multi-bend		3	3	3	
		Rows		1	2	2	
	Tube	tube pitch x row pitch		21*13.37	21*13.37	21*13.37	
		Material		Inner-grooved copper	Inner-grooved copper	Inner-grooved copper	
		Length	mm	602	602	670	
		Diameter x Thickness	mm	Φ7	Φ5	Φ7	
		No. of Hair pin		12U	15U	16U	
		Material		Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil	
	Fin	Fin Type		window type	window type	window type	
		Thickness	mm	0.095	0.095	0.095	
		Fin spacing	mm	1.5	1.5	1.5	
		Face Area	m <sup>2</sup>	0.602*0.374	0.602*0.374	0.67*0.336	
	Fan system	Fan	Type		Cross-flow fan	Cross-flow fan	Cross-flow fan
			Material		AS	AS	AS
		Fan motor	Diameter x Length	mm	Φ90.4*607	Φ90.4*607	Φ107.9*660
			Model		RPG13J(RPG13J-1(GN))	RPG13J(RPG13J-1(GN))	YYK30-4F/YDK-30-4F
			Capacitor	µF	1.5	1.5	2
			insulation grade		E	E	E
	Motor speed (H/M/L)	rpm	1350/1200/1030/850/750	1350/1200/1030/850/750	1250/1150/1030/850/750		
	Rated Output Power	W	13	13	30		
	Dimension	Packing Type (6 face/4 face)		6	6	6	
		Net Dimension(WidthxDepthxHeight)	mm	816*290*190	816*290*190	920*320*230	
Packing	mm	880*350*270	880*350*270	985*380*320			
Power Supply Cord	(Cable Length Height)	m	1.5	1.5	1.5		
Condensate Drainage Pipe (O.D)	Plug		VDE	VDE	/		
Condensate Drainage Pipe (L)		mm	Φ16	Φ16	Φ16		
Outdoor unit configuration	Connect pipe	Liquid tube Diameter	mm	Φ6.35*0.55	Φ6.35*0.55	Φ6.35*0.55	
		Gas tube Diameter	mm	Φ9.52*0.6	Φ9.52*0.6	Φ12.7*0.7	
	Globe valve	Liquid Valve	Inch	1/4"	1/4"	1/4"	
		Gas Valve	Inch	3/8"	3/8"	1/2"	
	Compressor	Model		QXF-A088D130A	QXF-B129T130AU	GSL190CV-C7LU	
		type		ROTARY	ROTARY	ROTARY	
		Brand		GREE	GREE	HITACHI	
		Capacitor	uf	25	35	60	
	Fan system	Fan	Type		Axial-flow fan	Axial-flow fan	Axial-flow fan
			Vane Number		3	3	3
		Blade Material		AS	AS	AS	
		Diameter	mm	Φ350*125	Φ400*118	Φ429*119	
	Motor	Model		YDK-20-6B2 (H)	YDK-35-6B4 (H)	YDK-25-6G10	
	Condenser	Rows	Row	1	1	1	
		tube pitch x row pitch	mm	25.4	25.4	25.4	
		Bended or Flat		Bended	Bended	Bended	
		Tube	Material		Inner-grooved copper	Inner-grooved copper	Inner-grooved copper
			Length	mm	620	650	873
			Diameter x Thickness	mm	Φ7	Φ7	Φ7
			Quantity		8	12	12
		Fin	Material		Hydrophilic aluminium foil	Hydrophilic aluminium foil	Hydrophilic aluminium foil
	Fin Type			window type	window type	window type	
Fin spacing			1.4	1.4	1.4		
Throttling device(Capillary/EEV)			capillary	capillary	capillary		
Dimension	Net Dimension(WidthxDepthxHeight)	mm	680*246*462	718*300*540	790*290*530		
	Packing	mm	775*315*515	825*380*590	900*400*620		
Ingress Protection	Degree of electric protection (IN) / (OUT)		IPX0/IPX4	IPX0/IPX4	IPX0/IPX4		
Features & Functions	Display on Front Panel		Hidden Display	Hidden Display	Hidden Display		
	LCD Wireless Remote Controller		Y	Y	Y		
	Washable PP Filter (Anti Dust)		Y	Y	Y		
	Active Charcoal Filter		OPTIONAL	OPTIONAL	OPTIONAL		
	Catechin filter		OPTIONAL	OPTIONAL	OPTIONAL		
	Negative ion filter		OPTIONAL	OPTIONAL	OPTIONAL		
	Vitamin-C filter		OPTIONAL	OPTIONAL	OPTIONAL		
	Quiet		Y	Y	Y		
	Accessories	Remote Wall Holder		OPTIONAL	OPTIONAL	OPTIONAL	
		Outdoor Valve Cover		OPTIONAL	OPTIONAL	OPTIONAL	
Accessorie - Outdoor Bracket			OPTIONAL	OPTIONAL	OPTIONAL		
Container Loading Qty (CBU) 40HC (with Pipe)			320	260	200		