

# WALL MOUNTED SPLIT AIR CONDITIONERS

## KEYON SERIES

MODEL			SIH+SOH-09BIK2	SIH+SOH-12BIK2	SIH+SOH-18BIK	SIH+SOH-24BIK		
Capacity cooling / heating 1)	Nominal (min-max)	kW	2,7 / 2,8	3,2 (0,9-3,7) / 3,4 (0,9-4,1)	4,6 (1,0-5,3) / 5,2 (1,0-5,7)	6,2 (1,8-6,4) / 6,5 (1,6-6,6)		
Power supply		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240		
Power supply			outdoor	outdoor	outdoor	outdoor		
Power input cooling / heating 1)		W	725 / 685	933 / 872	1355 / 1340	1771 / 1646		
Maximal power input 2)		W	1500	1500	1900	2200		
Power current cooling / heating		A	3,5 / 3,2	4,1 / 3,9	5,9 / 5,8	7,9 / 7,3		
Maximal power current 2)		A	7,5	7,5	9,0	10,0		
Energy class cooling 3)			A++	A++	A++	A++		
Pdesign cooling		kW	2,7	3,2	4,6	6,2		
SEER			6,8	6,5	6,4	6,8		
Annual power consumption		kWh / annum	139	172	251	319		
Energy class heating 3)	Aver. / Warm. / Cool.		A+ / A+++ / -	A+ / A+++ / -	A+ / A+++ / -	A+ / A+++ / -		
Pdesign heating	Average climate	kW	2,6	2,7	3,7	4,7		
SCOP	Average climate		4,2	4,1	4,0	4,0		
Annual power consumption	Average climate	kWh / annum	867	922	1295	1645		
Air flow of ID	SH/MH/H/ML/ML/SL	m³ / h	550/520/480/400/340/310/280	680/560/450/390	850/750/650/550	1100/950/750/650		
Airflow of OD	H	m³ / h	1950	1950	1950	2800		
Sound pressure level of ID at 1m 4)	SH/MH/H/ML/ML/SL	dB(A)	40/37/35/33/29/26/23	41/36/32/23	48/41/37/31	48/44/40/35		
Sound pressure level of OD at 1m 4)	H	dB(A)	51	52	53	58		
Sound power of ID 4)	SH/MH/H/ML/ML/SL	dB(A)	56/49/47/45/41/37/36	57/46/42/37	58/51/47/34	61/58/53/49		
Sound power of OD 4)	H	dB(A)	60	63	63	67		
Dehumidifying volume		l / h	0,8	1,4	1,8	1,8		
Refrigerant type / charge		Type / kg / t eq. CO <sub>2</sub>	R32 / 0,5 / 0,34	R32 / 0,57 / 0,38	R32 / 0,75 / 0,51	R32 / 1,30 / 0,88		
Additional refrigerant		g / m	16	16	16	16		
Pipe diameter - liquid side 5)		inch / mm	¼ / 6,0	¼ / 6,0	¼ / 6,0	¼ / 6,0		
Pipe diameter - gas side 5)		inch / mm	¾ / 9,5	¾ / 9,5	¾ / 9,5	½ / 12,0		
Max pipe length without additional refrigerant 6)		m	5	5	5	5		
Allowed pipe length 7)	min. / max.	m	3 / 15	3 / 20	3 / 25	3 / 25		
Max. elevation / Drop height		m	10	10	10	10		
Dimension of ID	w × h × d	mm	770 × 251 × 190	849 × 289 × 215	972 × 300 × 225	1081 × 325 × 248		
Dimensions of outdoor unit	w × h × d	mm	732 × 555 × 330	732 × 550 × 330	732 × 550 × 330	873 × 555 × 376		
Package dimension of ID	w × h × d	mm	822 × 324 × 262	902 × 357 × 279	1022 × 374 × 299	1137 × 407 × 334		
Package dimensions of outdoor unit	w × h × d	mm	794 × 615 × 376	794 × 615 × 376	792 × 615 × 393	951 × 620 × 431		
Weight of ID	netto / brutto	kg	8,0 / 9,5	10,5 / 12,5	13,5 / 16,0	16,5 / 19,5		
Weight of OD	netto / brutto	kg	24,5 / 27,0	25,0 / 27,5	26,5 / 29,0	36,5 / 39,5		
Set temperature range		°C	16~30	16~30	16~30	16~30		
Operating temperature range cooling 8)		°C	-15~43	-15~43	-15~43	-15~43		
Operating temperature range heating 8)		°C	-15~24	-15~24	-15~24	-15~24		
<b>ADDITIONAL TECHNICAL INFORMATION</b>								
Screw holes distance of OD	w × d	mm	455 × 310			528 × 349		
Communication cable		mm <sup>2</sup>	4-wire cable *					
Recommended power cable		mm <sup>2</sup>	3 × 1,5	3 × 1,5	3 × 1,5	3 × 1,5		
Recommended air switch		A	13	13	13	13		
<b>EQUIPMENT</b>								
Plasma generator	indoor		✓	✓	✓	✓		
WiFi module			✓	✓	✓	✓		
Drain pump			-	-	-	-		
Max. lift (from bottom of ID unit)		mm	-	-	-	-		
Door contact			-	✓	✓	✓		
Alarm contact			-	-	-	-		
Left-right guide louvres			-	-	-	-		
Throttling method	outdoor		Capillary	Capillary	Capillary	Capillary		
Bottom chassis heater			-	-	-	-		
Crankcase heater			Preheating	Preheating	Preheating	Preheating		
Bottom plugs for OD			-	-	-	-		
Drain pipe connector			-	-	✓	✓		
<b>STANDARD ACCESSORIES</b>								
Standard health filter			SAF-OPWC4, SAF-OPWA4					
Remote controller (IR)			YAP1F7 (WIFI)					
Wired controller			-	-	-	-		
<b>OPTIONAL ACCESSORIES</b>								
Optional health filters			SAF-OPWB4, SAF-OPWK4, SAF-OPWM4, SAF-OPWP4, SAF-OPWS4					
Wired controller			-	SWC-02C, SWC-04C				
Central controller			-	SCC-36				
Other			G2S-T, SAI-01	G2S-T, SAI-01, SBG-01				

The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.

R32 (single component refrigerant HFC), GWP of refrigerant used: 675.

Contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Explanatory notes on the very last page of the catalogue.

The device is being sold as a set (indoor + outdoor unit).