

WALL MOUNTED SPLIT AIR CONDITIONERS

TERREL SERIES

MODEL			SIH+SOH-09BIT	SIH+SOH-13BIT	SIH+SOH-18BIT2	SIH+SOH-24BIT2
Capacity cooling / heating 1)	Nominal (min-max)	kW	2,7 (0,8-3,8) / 3,0 (0,9-4,2)	3,5 (1,0-3,8) / 3,8 (0,9-4,7)	5,3 (1,3-6,6) / 5,6 (1,4-7,5)	7,1 (2,0-8,9) / 7,8 (1,8-9,5)
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	695 / 700	962 / 953	1413 / 1333	2030 / 2000
Maximal power input 2)		W	1400	1550	2500	3000
Power current cooling / heating		A	3,1 / 3,2	4,3 / 4,6	6,5 / 6,2	9,0 / 9,3
Maximal power current 2)		A	6,2	6,9	12,5	13,5
Energy class cooling 3)			A++	A++	A++	A++
Pdesign cooling		kW	2,7	3,5	5,3	7,1
SEER			7,5	7,1	7,6	7,0
Annual power consumption		kWh / annum	126	173	244	355
Energy class heating 3)	Aver. / Warm. / Cool.		A+ / A+++ / A	A+ / A+++ / B	A+ / A+++ / A	A+ / A+++ / A
Pdesign heating	Average climate	kW	2,7	3,2	4,3	5,6
SCOP	Average climate		4,2	4,1	4,3	4,2
Annual power consumption	Average climate	kWh / annum	900	1093	1400	1867
Air flow of ID	SH/MH/H/ML/ML/SL	m³ / h	610/570/540/470/440/420/390	700/650/600/540/480/420/360	850/750/680/610/570/520/460	1250/1100/1000/950/900/850/800/600
Airflow of OD	H	m³ / h	1950	1950	3600	3600
Sound pressure level of ID at 1m 4)	SH/MH/H/ML/ML/SL	dB(A)	38/36/34/31/29/27/25	42/38/35/32/29/27/25	47/41/39/37/35/32/31/21	50/47/43/41/40/36/35/27
Sound pressure level of OD at 1m 4)	H	dB(A)	50	52	57	59
Sound power of ID 4)	SH/MH/H/ML/ML/SL	dB(A)	56/48/46/43/41/39/37	57/50/47/44/41/39/37	60/57/55/54/52/50/46/34	64/59/56/55/53/51/48/42
Sound power of OD 4)	H	dB(A)	61	63	64	70
Dehumidifying volume		l / h	0,8	1,4	1,9	2,4
Refrigerant type / charge		Type / kg / t eq. CO ₂	R32 / 0,53 / 0,36	R32 / 0,57 / 0,38	R32 / 1,00 / 0,68	R32 / 1,50 / 1,01
Additional refrigerant		g / m	16	16	16	40
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	½ / 12,0	¾ / 16,0
Max pipe length without additional refrigerant 6)		m	5	5	5	5
Allowed pipe length 7)	min. / max.	m	3 / 15	3 / 15	3 / 25	3 / 25
Max. elevation / Drop height		m	10	10	10	10
Dimension of ID	w × h × d	mm	889 × 294 × 212	889 × 294 × 212	1013 × 307 × 221	1122 × 329 × 247
Dimensions of outdoor unit	w × h × d	mm	732 × 555 × 330	732 × 555 × 330	958 × 660 × 402	958 × 660 × 402
Package dimension of ID	w × h × d	mm	940 × 365 × 284	940 × 365 × 284	1060 × 374 × 297	1177 × 406 × 332
Package dimensions of outdoor unit	w × h × d	mm	794 × 615 × 376	794 × 615 × 376	1032 × 456 × 737	1032 × 456 × 737
Weight of ID	netto / brutto	kg	11,0 / 13,0	11,0 / 13,0	13,5 / 15,5	16,5 / 19,5
Weight of OD	netto / brutto	kg	23,5 / 26,0	24,5 / 27,0	40,5 / 45,0	41,5 / 46,0
Set temperature range		°C	16~30	16~30	16~30	16~30
Operating temperature range cooling 8)		°C	-15~50	-15~50	-15~50	-15~50
Operating temperature range heating 8)		°C	-25~30	-25~30	-25~30	-25~30
ADDITIONAL TECHNICAL INFORMATION						
Screw holes distance of OD	w × d	mm	455 × 310	455 × 310	570 × 371	570 × 371
Communication cable		mm ²	4-wire cable *			
Recommended power cable		mm ²	3 × 1,5	3 × 1,5	3 × 1,5	3 × 4,0
Recommended air switch		A	13	13	13	20
EQUIPMENT						
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	EXV	EXV	EXV
Bottom chassis heater			Heating belt	Heating belt	Heating belt	Heating belt
Crankcase heater			Preheating	Preheating	Preheating	Preheating
Bottom plugs for OD			-	-	✓	✓
Drain pipe connector			✓	✓	✓	✓
STANDARD ACCESSORIES						
Standard health filter			SAF-OPWC4, SAF-OPWB4			
Remote controller (IR)			YAC1FB9 (WiFi)			
Wired controller			-	-	-	-
OPTIONAL ACCESSORIES						
Optional health filters			SAF-OPWA4, SAF-OPWK4, SAF-OPWM4, SAF-OPWP4, SAF-OPWS4			
Wired controller			SWC-02C, SWC-04C			
Central controller			SCC-36			
Other			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.

* Cross-section of each wire must correspond to the IEC 60364

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).