

WALL MOUNTED SPLIT AIR CONDITIONERS

TERREL SERIES

MODEL			SIH+SOH-09BIT	SIH+SOH-13BIT	SIH+SOH-18BIT	SIH+SOH-24BIT	
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)	5,2 (1,0-6,1) / 5,3 (1,1-6,0)	7,0 (2,0 - 8,5) / 7,4 (2,2-9,0)	
Power supply		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
Power supply		-					
Power input cooling/heating 1)		W	695 / 700	962 / 953	1528 / 1410	1900 / 1897	
Maximal power input 2)		W	1400	1550	2600	3750	
Power current cooling/heating		A	3,1 / 3,2	4,3 / 4,6	6,8 / 6,2	8,7 / 8,8	
Maximal power current 2)		A	6,2	6,9	11,5	17,5	
Energy class cooling 3)		-	A+++	A+++	A++	A++	
Pdesign cooling		kW	2,7	3,5	5,20	7	
SEER		-	7,5	7,1	7	6,5	
Annual power consumption cooling		kWh / annum	126	173	260	377	
Energy class heating 3)	Aver./Warm./Cool.	-	A++ / A+++ / A	A+ / A+++ / A	A+ / A+++ / A	A+ / A+++ / A	
Pdesign heating	Average climate	kW	2,7	3,2	4,20	6,40	
SCOP	Average climate	-	4,2	4,1	4	4	
Annual power consumption heating	Average climate	kWh / annum	900	1093	1470	2240	
Airflow of ID	SH/H/M/L	m³ / h	610 / 570 / 540 / 470 / 440 / 420 / 390	700 / 650 / 600 / 540 / 480 / 420 / 360	800 / 720 / 650 / 610 / 570 / 520 / 470	1250 / 1100 / 1000 / 950 / 900 / 850 / 750	
Airflow of OD	H	m³ / h	1950	1950	3200	3200	
Sound pressure level of ID at 1m 4)	SH/H/M/L	dB(A)	38 / 36 / 34 / 31 / 29 / 27 / 25	42 / 38 / 35 / 32 / 29 / 27 / 25	45 / 43 / 41 / 38 / 36 / 34 / 31	48 / 45 / 42 / 39 / 37 / 36 / 33	
Sound pressure level of OD at 1m 4)	H	dB(A)	50	52	57	57	
Sound power of ID 4)	SH/H/M/L	dB(A)	56 / 48 / 46 / 43 / 41 / 39 / 37	57 / 50 / 47 / 44 / 41 / 39 / 37	59 / 57 / 55 / 52 / 49 / 48 / 45	58 / 55 / 52 / 49 / 47 / 46 / 43	
Sound power of OD 4)	H	dB(A)	61	63	64	67	
Dehumidifying volume		l / h	0,8	1,40	1,8	2,40	
Refrigerant type/charge		Type / kg / t eq. CO ₂	R32 / 0,53 / 0,36	R32 / 0,57 / 0,38	R32 / 1 / 0,68	R32 / 1,70 / 1,18	
Additional refrigerant		g / m	16	16	16	50	
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 x h x d	mm	889 x 294 x 212	889 x 294 x 212	1013 x 307 x 221	1122 x 329 x 247	
Dimensions of OD	w x h x d	mm	732 x 555 x 330	732 x 555 x 330	965 x 700 x 396	965 x 700 x 396	
Package dimension of ID	w x h x d	mm	940 x 365 x 284	940 x 365 x 284	1080 x 378 x 315	1177 x 406 x 332	
Package dimensions of OD	w x h x d	mm	794 x 615 x 376	794 x 615 x 376	1029 x 750 x 458	1029 x 750 x 458	
Weight of ID	net / gross	kg	11 / 13	11 / 13	13,5 / 16,5	17,5 / 21	
Weight of OD	net / gross	kg	23,5 / 26	24,5 / 27	45 / 49,5	53,5 / 58	
Set temperature range		°C	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	
Operating temperature range cooling 8)		°C	-15 ~ 50	-15 ~ 50	-15 ~ 43	-15 ~ 43	
Operating temperature range heating 8)		°C	-25 ~ 30	-25 ~ 30	-22 ~ 24	-22 ~ 24	
ADDITIONAL TECHNICAL INFORMATION							
Screw holes distance of OD	w x d	mm	455 x 310	455 x 310	560 x 364	560 x 364	
Communication cable		mm²	4 x 0,75 (5m included)				
Recommended power cable		mm²	3 x 1,5	3 x 1,5	3 x 1,5	3 x 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	-	-	-	-	
Dry contact (ON/OFF)			✓	✓	✓	✓	
Alarm contact			-	-	-	-	
Left-right guide louvres	outdoor		✓	✓	-	-	
Throttling method			Capillary	EXV	EXV	EXV	
Bottom chassis heater			✓	✓	✓	✓	
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)	YAC1FB9 (WIFI)	YAC1FB9 (WIFI)	YAC1FB9 (WIFI)	
Wired controller			-	-	-	-	
OPTIONAL ACCESSORIES							
Optional health filters			SAF-OPWA4, SAF-OPWK4, SAF-OPWM4, SAF-OPWP4,SAF-OPWS4				
Wired controller			SWC-02, XK19				
Central controller			SCC-16, SCC-36				
Other			G2S, 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.

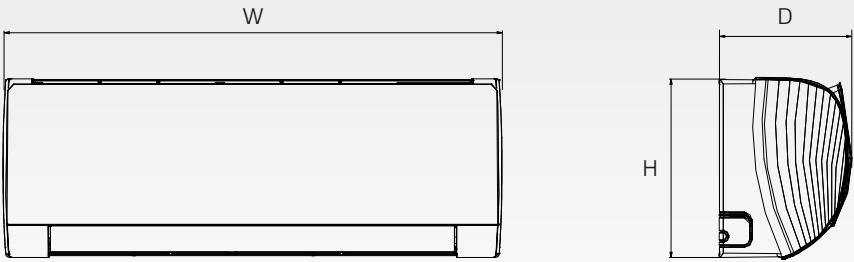
Contains fluorinated greenhouse gases covered by the Kyoto Protocol.

Explanatory notes on the very last page of the catalogue.

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

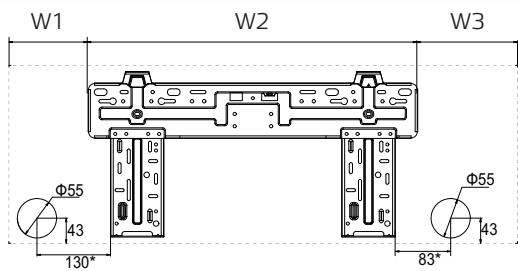
APPEARANCE AND DIMENSIONS OF INDOOR UNIT

TERREL SERIES



SIH-09BITx

SIH-13BITx



Model	W	H	D	W1	W2	W3
SIH-09/13BITx	889	294	212	146	542	201

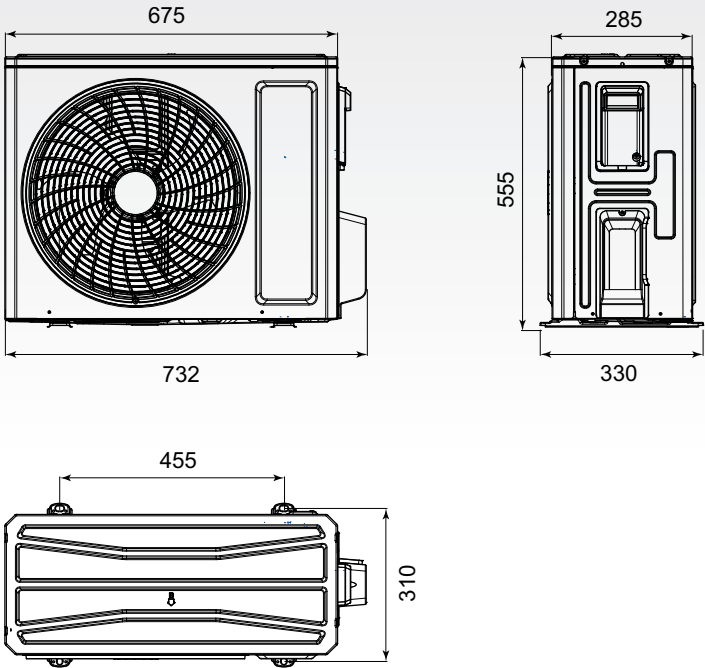
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APPEARANCE AND DIMENSIONS OF OUTDOOR UNIT

TERREL SERIES

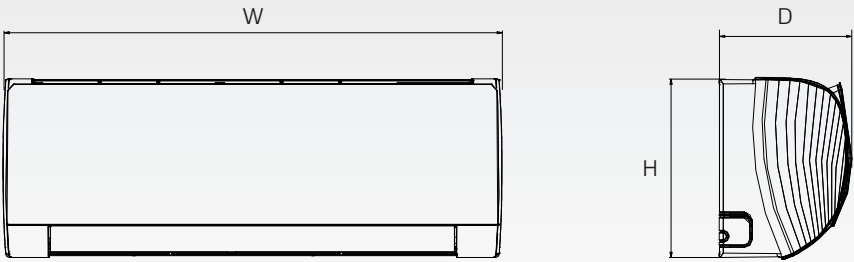
SOH-09BIT

SOH-13BIT

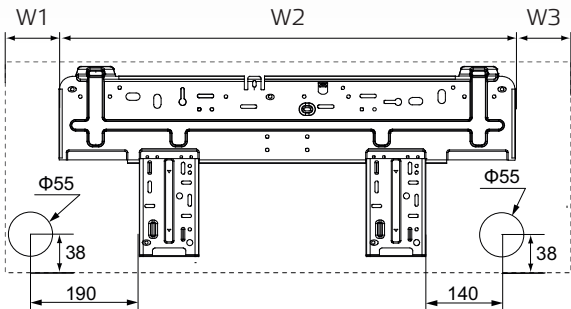


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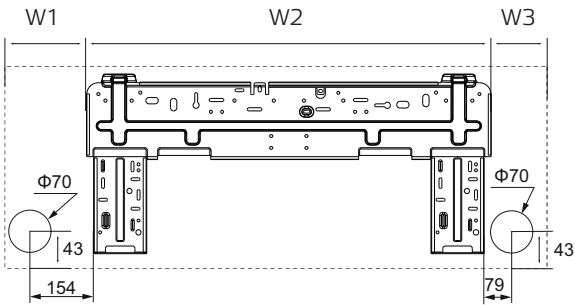
APPEARANCE AND DIMENSIONS OF INDOOR UNIT
TERREL SERIES



SIH-18BITx



SIH-24BITx



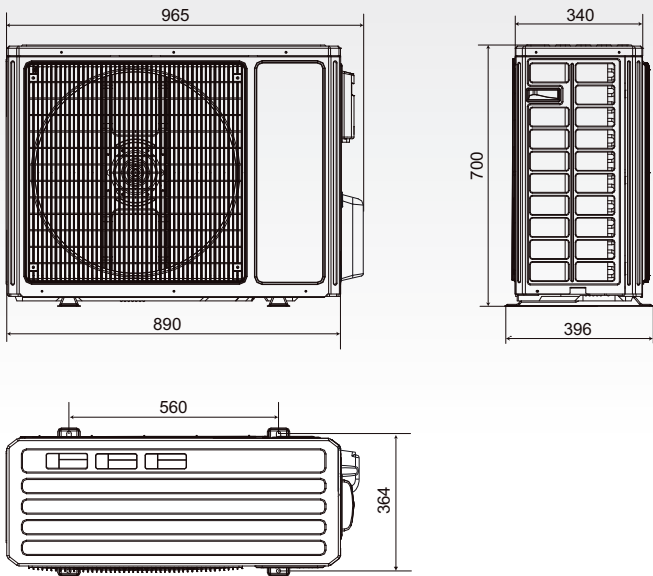
Models	W	H	D	W1	W2	W3
SIH-18BITx	1013	307	221	125.5	685	202.5
SIH-24BITx	1122	329	247	207	685	230

units: mm

APPEARANCE AND DIMENSIONS OF OUTDOOR UNIT
TERREL SERIES

SOH-18BIT

SOH-24BIT



units: mm