

NEW

SINCLAIR TERREL R32

Model			SIH+SOH-09BITB	SIH+SOH-12BITB	SIH+SOH-18BITB	SIH+SOH-24BITB
Capacity cooling / heating		kW	2.7 / 3.0	3.5 / 3.8	5.2 / 5.3	7.0 / 7.4
Power supply		Ph/ Hz / V	1 / 50 / 220-240	1 / 50 / 220-240	1 / 50 / 220-240	1 / 50 / 220-240
	unit	-	Outdoor	Outdoor	Outdoor	Outdoor
Power input cooling / heating		kW	0.70 / 0.70	0.96 / 0.95	1.53 / 1.41	1.90 / 1.90
Current cooling / heating		A	3.1 / 3.2	4.3 / 4.6	6.8 / 6.2	8.7 / 8.8
Energy class cooling		-	A++	A++	A++	A++
SEER		-	7.5	7.1	7.0	6.5
Energy class heating		-	A++	A++	A++	A++
SCOP		-	4.2	4.1	4.0	4.0
Air flow	Indoor	m³ / h	610 / 540 / 440 / 390	700 / 600 / 480 / 360	800 / 650 / 570 / 470	1250 / 1000 / 900 / 750
	Outdoor	m³ / h	1950	1950	3200	3200
Sound pressure level	Indoor	dB(A)	40 / 38 / 34 / 23	42 / 35 / 29 / 25	45 / 41 / 36 / 31	48 / 42 / 37 / 33
	Outdoor	dB(A)	51	52	57	57
Sound power level	Indoor	dB(A)	38 / 34 / 29 / 25	57 / 47 / 41 / 37	59 / 55 / 49 / 45	58 / 52 / 47 / 43
	Outdoor	dB(A)	50	63	64	67
Dehumidifying volume		l / h	0.8	1.4	1.8	2.4
Refrigerant type / charge		Typ / Kg / t eq. CO2	R32 / 0.53 / 0.36	R32 / 0.57 / 0.38	R32 / 1.0 / 0.68	R32 / 1.70 / 1.18
Additional refrigerant		g / m	16	16	16	50
Pipe diameter	Liquid	inch	1/4	1/4	1/4	1/4
	Gas	inch	3/8	3/8	1/2	5/8
Standard pipe length		m	5	5	3	5
Max pipe length		m	15	15	25	25
Max. height difference		m	10	10	10	10
Dimension (w x h x d)	Indoor	mm	889×294×212	889×294×212	1013×307×221	1122×329×247
	Outdoor	mm	732×555×330	732×555×330	965×700×396	965×700×396
Net weight	Indoor	Kg	11.0	10.5	13.5	17.5
	Outdoor	Kg	23.5	24.5	45.0	53.5
Set temperature range		°C	16 to 30	16 to 30	16 to 30	16 to 30
Operating temperature range	Cooling	°C	-15 to 50	-15 to 43	-15 to 43	-15 to 43
	Heating	°C	-25 to 30	-15 to 24	-22 to 24	-22 to 24