

STANFORD

Model No.			STI-09KE-HRN1TAC-32	STI-12KE-HRN1TAC-32	STI-18KE-HRN1TAC-32	STI-24KE-HRN1TAC-32
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote	remote	remote	remote
Rated cooling capacity	Btu/h		9000(2047~9554)	12000(2047~12215)	18000(4094~19790)	24000(5118~25000)
	W		2638(600~2800)	3517(600~3580)	5275(1200~5800)	7034(1500~7327)
Rated heating capacity	Btu/h		9000(2047~9895)	12000(2047~12215)	18000(4094~19790)	24000(5118~25000)
	W		2638(600~2900)	3517(600~3580)	5275(1200~5800)	7034(1500~7327)
EER for cooling		W/W	3,21	3,21	3,21	3,21
COP for heating		W/W	3,61	3,61	3,61	3,61
Moisture removal		Liters/h	1	1,2	1,8	2,3
Pressure	High(DP)	MPa	2,8	2,8	2,8	2,8
	Low(SP)	MPa	1,2	1,2	1,2	1,2
Indoor noise level at cooling	High	dB(A)	41	43	48	51
	Med.	dB(A)	39	39	45	48
	Low	dB(A)	37	35	40	44
Outdoor noise level		dB(A)	52	53	56	57
Electrical Data						
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	165~265	165~265	165~265	165~265
Rated current	Cooling	A	3.7(1.4-9.0)	5.0(1.4-8.5)	7.8(1.4-12.0)	10.4(1.7-12.0)
	Heating	A	3.3(1.4-9.0)	4.4(1.4-7.8)	7.0(1.4-12.0)	9.2(1.5-11.5)
Rated input	Cooling	W	822(300-1400)	1096(300-1380)	1633(300-2550)	2191(260-2600)
	Heating	W	731(300-1200)	974(300-1350)	1453(300-2550)	1948(280-2500)
Max Current	Cooling	A	9,0	8,5	12,0	12,0
	Heating	A	9,0	7,8	12,0	11,5
Max Power input	Cooling	W	1400	1380	2550	2600
	Heating	W	1200	1350	2550	2500
Refrigerating System						
Refrigerant/Charge		Gram	R32/450g	R32/490g	R32/1000g	R32/1140g
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		35W2ALLB9F#MC	35W2ALLB9F#MC	KSN140D33UFZ3	C-6RZ146H3DBF
	MFG		RECHI	RECHI	GMCC	SANYO

Evaporator			φ5×2	φ5×2	φ7×2	φ7×2
Condenser			φ7×1	φ7×1	φ7×2	φ7×2
Fan System						
Indoor air circulation		m³/h	420/480	460/500	850/900	1100/1200
Cooling/heating						
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor fan speed H/M/L	Cooling	rpm	1400/1300/1100/1000/900	1350/1200/1000/850/750	1400/1260/1050/870/800	1270/1200/1000/850/700
	Heating	rpm	1400/1300/1100/1000/900	1250/1150/1000/900/800	1400/1260/1050/870/800	1270/1200/1000/850/750
	Dry	rpm	1000	850	870	850
	Sleep	rpm	1000/1000	850/900	870/870	850/850
Indoor fan motor			22001-000262(AC)	22001-000262(AC)	22001-000266(DC)	22001-000260(AC)
Indoor fan motor output		W	20	20	25	45
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
Outdoor fan motor			1000	1000	1000	850
Outdoor fan speed		rpm	22001-000548(DC)	22001-000548(DC)	22001-000493(DC)	22001-000147(DC)
Outdoor fan motor output		W	33	33	33	85
Connections						
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×0.75mm²	4×0.75mm²	4×0.75mm²	4×0.75mm²
Drainage Pipe						
Others						
Suitable area		m²	9-16	15~23	20~35	30~50
Net dimensions	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
(W x H x D)	Outdoor	mm	712×276×459	712×276×459	853×349×602	920×380×699
Net weight	Indoor	kg	6,5	7,5	10	13
	Outdoor	kg	20	20	31	40
Packing dimensions	Indoor	mm KC面板	764×325×267	850×320×275	979×372×277	1096×390×297
(W x H x D)	Outdoor	mm	765×310×481	765×310×481	890×385×628	960×430×732
Gross weight	Indoor	kg	8,5	10	13	16
	Outdoor	kg	23	23	35	44
Stuffing Quantity	40'HQ		375	350	212	155