



Tundra

Reliable quality, Value for money

A++ / A+



Super quiet

Optimize the noise control technology, such as the compressor frequency adjustment, fan speed control and air flue design decreasing the noise level even lowest to 20dB(A) with the specialized QUIET setting. (refer to 9k)



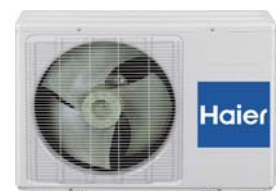
Intelligent air

Airflow automatically upward when cooling or downward when heating to spread air automatically throughout the large room while without blowing directly to human body.



Comfortable sleep

The setting temperature and the indoor noise can be adjusted to a more comfortable level when you set the "sleep mode" during night sleep.



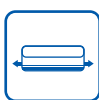
09/12/18/24K



Super quiet



Easy support clip

Easy & quick
repair motor2-way
piping design

Intelligent air

Comfortable
sleep

-15°C heating

Model		Indoor Outdoor	AS09TA2HRA 1U09BE8ERA	AS12TA2HRA 1U12BE8ERA	AS18TD2HRA 1U18EE8ERA	AS24TD2HRA 1U24RE8ERA
Cooling Capacity	Nominal (Min.-Max.)	Btu/h	8870(3410-11950)	12280(3410-14000)	17060(4100-21500)	22520(6820-27640)
	Nominal (Min.-Max.)	kW	2.6(1.00-3.50)	3.6(1.00-4.10)	5.0(1.20-6.30)	6.6(2.00-8.10)
	SEER/EER	Energy Saving	6.2/3.21	6.1/2.81	6.2/3.24	6.2/3.01
Power input - Cooling			A++	A++	A++	A++
Cooling Pdesign capacity(35°C)		kW	2.60	3.60	5.00	6.60
Power input - Cooling	Nominal (Min.-Max.)	kW	0.810(0.30-1.40)	1.12(0.30-1.60)	1.54(0.40-2.25)	2.19(0.60-2.70)
Annual energy consumption - Cooling		kWh/a	147	206	282	373
Heating Capacity	Nominal (Min.-Max.)	Btu/h	9550(3410-15020)	12630(3750-17750)	20470(3580-22860)	25250(8190-29690)
	Heating @ -7°C	Btu/h	7167	8190	14500	16720
	Nominal (Min.-Max.)	kW	2.8(1.00-4.40)	3.7(1.10-5.20)	6.0(1.05-6.70)	7.4(2.40-8.70)
	Heating @ -7°C	kW	2.1	2.4	4.25	4.9
Energy efficiency	SCOP/COP(Average climate)	Energy Saving	4.0/3.61	4.0/3.61	4.0/3.72	3.9/3.61
	SCOP(Warm/Cold climate)		4.70/-	4.80/-	5.18/-	5.00/-
Energy class - Heating	Average/warm/cold		A+/A++/-	A+/A++/-	A+/A+++/-	A/A++/-
Heating Pdesign capacity (-10°C)		kW	2.4	2.8	4.8	5.6
Power input - Heating	Nominal (Min.-Max.)	kW	0.78(0.30-1.50)	1.02(0.50-1.60)	1.61(0.40-2.35)	2.05(0.7-2.9)
Annual energy consumption - Heating		kWh/a	841	1039	1679	2011
Operating limits (cooling)	Min.-Max.	°C	21-35/10-43	21-35/10-43	21-35/10-43	21-35/10-43
Operating limits (heating)	Min.-Max.	°C	10-27/-15-24	10-27/-15-24	10-27/-15-24	10-27/-15-24
Power supply	Ph/V/Hz		1/230/50	1/230/50	1/230/50	1/230/50
Power supply (position)			Indoor	Indoor	Indoor	outdoor
40H FCL (set)	*just for reference		240	240	180	140
Indoor						
Net dimension	W/D/H	mm	820/195/280	820/195/280	1008/225/318	1008/225/318
Package dimension	W/D/H	mm	909/279/355	909/279/355	1085/329/403	1085/329/403
Net/Shipping weight		kg	8.8/11.0	9.0/11.2	12/15	12/15
Air flow(cooling/heating)	Max.	m³/h	500	550	900	1100
Sound power level	Cooling (Hi)	dB	53	54	57	60
	Heating (Hi)	dB	54	55	58	61
Sound pressure level	Cooling (Hi/Mid/Lo/So)	dB(A)	36/30/26/20	37/32/28/20	40/37/35/28	42/38/36/28
	Heating (Hi/Mid/Lo/So)	dB(A)	36/30/26/20	37/32/28/20	40/37/35/28	42/38/36/28
Moisture removal		10³m³/h	1.2	1.6	2.0	2.8
Outdoor						
Compressor			Hitachi	Mitsubishi	Mitsubishi	Mitsubishi
Net dimension	W/D/H	mm	780/245/540	780/245/540	780/245/640	890/353/697
Package dimension	W/D/H	mm	920/351/620	920/351/620	920/351/720	1046/460/780
Net/Shipping weight		kg	25.5/28.5	26/29	33.5/37	51/56
Air flow(cooling/heating)	Max.	m³/h	1600	1700	2200	2900
Sound power level	Hi	dB	61/62	62/63	63/64	65/66
Sound pressure level	Hi	dB(A)	49/50	50/51	51/52	52/53
Running current	Max.	A	6.7	7.1	10.2	13.5
Refrigerant type	R410A/R32		R410A	R410A	R410A	R410A
Refrigerant charge	R410A/R32	g	780	780	1200	1450
Refrigerant pipe	Liquid side diameter	mm / inch	6.35	6.35	6.35	6.35
	Gas side diameter	mm / inch	9.52	9.52	12.7	12.7
	Max. pipe length/height	m	15/10	15/10	25/15	25/15
	Max. pipe length without additional charge	m	7	7	10	10
	additional charge	g/m	20	20	20	20

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. (DB: Dry Bulb; WB: Wet Bulb)
For detailed information about ErP, please visit our B2B website : <http://www.haierac.com>