

Estimates of World Air Conditioner Demand in 2019 < Inverter rate & Refrigerant use by type >

	RAC: Single Split-type					RAC: Multiple Split-type					PAC (excluding VRF)				VRF					
	INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)			INV rate %	Refrigerant use by type (Total 100%)				
		A2L	Other than A2L				A2L	Other than A2L				A2L	Other than A2L			A2L	Other than A2L			
			HFC	HCFC	Others			HFC	HCFC	Others			HFC	HCFC			Others			
Japan	100	100	0	0	100	100	0	0	99	100	0	0	100	100	0	0				
China	76	23	64	12	1	97	8	89	2	1	44	12	51	37	0	100	1	99	0	0
Asia(excl. Japan & China)	38	61	33	5	1	85	30	67	2	1	36	17	68	15	1	95	1	99	0	0
Middle East	13	4	73	23	0	-	-	-	-	-	15	5	67	28	0	99	1	99	0	0
Europe	89	59	40	0	1	100	66	33	0	1	94	47	53	0	0	100	1	99	0	0
North America	100	0	100	0	0	100	0	100	0	0	28	0	100	0	0	100	0	100	0	0
Oceania	99	65	35	0	0	100	48	52	0	0	98	32	68	0	0	100	1	99	0	0
Latin America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	1	99	0	0
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Estimates of World Air Conditioner Demand in 2020 < Inverter rate & Refrigerant use by type >

	RAC: Single Split-type					RAC: Multiple Split-type					PAC (excluding VRF)				VRF					
	INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)			INV rate %	Refrigerant use by type (Total 100%)				
		A2L	Other than A2L				A2L	Other than A2L				A2L	Other than A2L			A2L	Other than A2L			
			HFC	HCFC	Others			HFC	HCFC	Others			HFC	HCFC			Others			
Japan	100	100	0	0	100	100	0	0	99	100	0	0	100	100	0	0				
China	85	30	61	8	1	100	10	89	0	1	49	17	59	24	0	100	1	99	0	0
Asia(excl. Japan & China)	42	71	26	2	1	86	44	54	1	1	42	29	62	8	1	95	1	99	0	0
Middle East	15	5	75	20	0	-	-	-	-	-	17	6	73	21	0	100	1	99	0	0
Europe	91	71	28	0	1	100	82	17	0	1	95	66	34	0	0	100	2	98	0	0
North America	100	0	100	0	0	100	0	100	0	0	28	0	100	0	0	100	0	100	0	0
Oceania	99	71	29	0	0	100	62	38	0	0	98	48	52	0	0	100	1	99	0	0
Latin America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	2	98	0	0
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Estimates of World Air Conditioner Demand in 2021 < Inverter rate & Refrigerant use by type >

	RAC: Single Split-type					RAC: Multiple Split-type					PAC (excluding VRF)				VRF					
	INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)				INV rate %	Refrigerant use by type (Total 100%)			INV rate %	Refrigerant use by type (Total 100%)				
		A2L	Other than A2L				A2L	Other than A2L				A2L	Other than A2L			A2L	Other than A2L			
			HFC	HCFC	Others			HFC	HCFC	Others			HFC	HCFC			Others			
Japan	100	100	0	0	100	100	0	0	99	100	0	0	100	100	0	0				
China	89	58	37	3	2	98	4	95	0	1	53	9	77	14	0	100	1	99	0	0
Asia(excl. Japan & China)	45	80	18	2	0	85	49	51	0	0	45	33	62	5	0	95	1	99	0	0
Middle East	19	6	83	11	0	-	-	-	-	-	18	6	80	14	0	100	1	99	0	0
Europe	91	75	25	0	0	100	83	17	0	0	95	76	24	0	0	100	5	95	0	0
North America	100	0	100	0	0	100	0	100	0	0	39	0	100	0	0	100	0	100	0	0
Oceania	100	75	25	0	0	100	79	21	0	0	100	55	45	0	0	100	5	95	0	0
Latin America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	2	98	0	0
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes: RAC (Room Air Conditioner) PAC (Packaged Air Conditioner) VRF (Variable Refrigerant Flow system) INV (Inverter)

*This data is the estimated ratio of air conditioners sold in each region in a calendar year.

* Japan's values are estimated by the Secretariat.

* The number in yellow cell was revised.

Disclaimer

JRAIA shall not be liable for any future change, interruption, suspension, abolition or other related matters regarding this data.