

## Estimates of World Air Conditioner Demand in 2023 &lt; Inverter rate &amp; Refrigerant use by type &gt;

	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	HFC	HCFC	Others
Japan	100	100	0	0	100	100	0	0	99	100	0	0	100	100	0	0				
China	94	79	20	0	1	-	-	-	-	62	21	73	6	0	100	2	98	0	0	
Asia (excl. Japan & China)	56	88	11	1	0	95	74	26	0	0	53	46	53	1	0	100	1	99	0	0
Middle East	18	9	90	1	0	-	-	-	-	-	23	12	85	3	0	100	0	100	0	0
Europe	100	97	3	0	0	100	97	3	0	0	100	94	6	0	0	100	12	88	0	0
North America	98	1	99	0	0	98	0	100	0	0	-	-	-	-	-	-	-	-	-	-
Oceania	100	93	7	0	0	100	93	7	0	0	100	74	26	0	0	100	6	94	0	0
Latin America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	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	HFC	HCFC	Others
Japan	100	100	0	0	100	100	0	0	99	100	0	0	100	100	0	0				
China	92	70	28	1	1	99	7	93	0	0	56	12	81	7	0	100	2	98	0	0
Asia (excl. Japan & China)	52	86	13	1	0	89	61	39	0	0	49	37	61	2	0	98	2	98	0	0
Middle East	17	8	88	4	0	-	-	-	-	-	23	11	84	5	0	100	0	100	0	0
Europe	98	69	30	0	1	100	74	25	0	1	98	72	28	0	0	100	10	90	0	0
North America	100	0	100	0	0	100	0	100	0	0	49	0	100	0	0	100	0	100	0	0
Oceania	100	81	19	0	0	100	88	12	0	0	92	77	23	0	0	100	10	90	0	0
Latin America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## Estimates of World Air Conditioner Demand in 2021 &lt; Inverter rate &amp; Refrigerant use by type &gt;

	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	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.

Disclaimer

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