

Estimates of World Air Conditioner Demand in 2025 <Inverter rate & Refrigerant use by type>

	RAC (Split-Type)					RAC (Multi-Type)					PAC (excluding VRF)					VRF				
	INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)			
		A2L	Excluding A2L				A2L	Excluding A2L				A2L	Excluding A2L				A2L	Excluding 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	86	82	17	1	0	-	-	-	-	-	78	51	43	6	0	100	3	97	0	0
Asia (excl. Japan/China)	71	93	7	0	0	99	85	15	0	0	60	51	49	0	0	100	3	97	0	0
Middle East	18	18	82	0	0	-	-	-	-	-	30	18	82	0	0	100	2	98	0	0
Europe	100	98	2	0	0	100	99	1	0	0	100	95	5	0	0	100	20	80	0	0
North America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oceania	100	95	5	0	0	100	92	8	0	0	100	84	16	0	0	100	13	87	0	0
Laten America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Estimates of World Air Conditioner Demand in 2024 <Inverter rate & Refrigerant use by type>

	RAC (Split-Type)					RAC (Multi-Type)					PAC (excluding VRF)					VRF				
	INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)				INV (%)	Refrigerant % (Total 100%)			
		A2L	Excluding A2L				A2L	Excluding A2L				A2L	Excluding A2L				A2L	Excluding 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	88	76	23	1	0	-	-	-	-	-	67	36	58	6	0	100	1	99	0	0
Asia (excl. Japan/China)	65	83	17	0	0	98	80	20	0	0	57	53	47	0	0	100	1	99	0	0
Middle East	17	29	69	0	2	-	-	-	-	-	26	13	87	0	0	100	0	100	0	0
Europe	100	98	2	0	0	100	99	1	0	0	100	98	2	0	0	100	15	85	0	0
North America	93	4	96	0	0	93	4	96	0	0	-	-	-	-	-	-	-	-	-	-
Oceania	100	94	6	0	0	100	92	8	0	0	100	83	17	0	0	100	13	87	0	0
Laten America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Estimates of World Air Conditioner Demand in 2023 <Inverter rate & Refrigerant use by type>

	ルームエアコン・スプリット型 (シングル)					ルームエアコン・スプリット型 (マルチ)					パッケージエアコン (excluding VRF)					VRF (ビル用マルチシステム)				
	INV 比率 (%)	冷媒種比率 %				INV 比率 (%)	冷媒種比率 %				INV 比率 (%)	冷媒種比率 %				INV 比率 (%)	冷媒種比率 %			
		A2L	A2L 以外				A2L	A2L 以外				A2L	A2L 以外				A2L	A2L 以外		
			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
Laten America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

The data represent estimated percentage shares of air conditioners sold in each region during each calendar year (January–December).

*Figures for Japan are estimates by the JRAIA Secretariat.

Disclaimer:

JRAIA assumes no liability whatsoever for any future modification, interruption, suspension, or discontinuation of these data, or for any other matters arising in connection with them.