

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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			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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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			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
Laten America	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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.