

All the data refer to 2024 market data

Sector Fuel / Driving Source Sink Type Sub-type	CHPA / ChinaOL	EHPA	EuroStat	EHI	Assoclima (Italy)	BWP (Germany)	HPA (UK)	Uniclima (France)	JRAIA	METI	AHRI
	China	Europe							Japan		United States
● Buildings											
● Electrically driven heat pumps	Does not include data on ground source and water source units, however these are minor on the Chinese market			"Heat pumps" EHI only reports heat pump sales as a total, bundling all sources and applications together.		Does not have data for Air-air units	Does not have data for Air-air units		Does not include data on ground source, water source and air-water units, however these are minor on the Japanese market	Does not include data on ground source, water source and air-water units, however these are minor on the Japanese market	Does not include data on ground source, water source and air-water units, however these are minor on the U.S. market
● ASHP			"Aerothermal - electrical"		"Pompa di calore con sorgente ad aria"	Has only data on Air-Water units, Air-Air units are not counted at all		"Pompe à chaleur (PAC) aérothermique"	In Japan, hydronic distribution space heating units are uncommon		
● Hydronic distribution			If water heaters are counted under Air-Water, then indeed all hydronic distribution heat pumps can be calculated.		"Sistema idronico"			"Réseau hydraulique"	In Japan, hydronic distribution space heating units are uncommon and thus only water heating units are reported.	In Japan, hydronic distribution space heating units are uncommon and thus only water heating units are reported.	
● Heat pump water heater (HPWH)	"空气源热泵-热泵热水-家用热水" and "空气源热泵-热泵热水-商用热水"	"Sanitary hot water - Heat Pump water heaters" and "Sanitary hot water - Exhaust air"	Presumably counted under Air-Water		"Pompe di calore per solo produzione di acqua calda sanitaria (aria/acqua)"	Wärmwasser-Wärmepumpe	"Domestic Hot Water Heat Pumps (DHWHP)"	"Chauffe-eau thermodynamique (CET)"	"家庭用ヒートポンプ給湯機 (エコキュート)" "EcoCute and "業務用ヒートポンプ給湯機"	"自然冷媒ヒートポンプ式給湯機"	Are counted under "Residential/Commercial Electric Automatic Storage Water Heaters" which also includes resistance water heaters.
● Air-Water (space or combo)	"空气源热泵-热泵采暖"	"Hydronic distribution - Air/water"	"Aerothermal - air-water electrical" and "Aerothermal - reversible air-water electrical". Which also includes water heaters.		Counted under "Pompe di calore e gruppi frigoriferi di liquido a compressione condensazione ad acqua", not including "solo freddo"	"Luft-Wärmepumpen"	"Air-to-Water monobloc units" and "Air-to-Water split units"	"PAC air/eau (also includes reversible chillers)"	EcoCute "エコキュート" are sometimes used as Air-Water, but are always reported as domestic hot water	Are presumably counted with "自然冷媒ヒートポンプ式給湯機"	
● Exhaust Air - Water	Presumably counted under "空气源热泵"	"Exhaust air - Air/water"	"Aerothermal - exhaust air-water electrical"			Counted under "Wasser-Wärmepumpen und sonstige"	Counted under "other heat pumps"				
● Air based distribution			"Aerothermal - air-air electrical"			No reporting on Air-Air units	No reporting on Air-Air units				
● Air- Air*		"Air based distribution - Air/air with heating function)"	"Aerothermal - reversible air-air electrical"			No reporting on Air-Air units	No reporting on Air-Air units	"PAC air/air"			Air source heat pumps
● Small monobloc unit*	Counted under "家用空调", but sales volumes are known to be very low				"Climatizzatori monoblocco (di cui a pompe di calore)"				Very low sales volumes, not counted in statistics	"コンデンシングユニット", but sales volumes are known to be very low	
● Single/Multi-split*	"家用空调"				"Climatizzatori sistemi split e multisplit"				"家庭用エアコン (ルームエアコン)"	"エアコンセパレート室内" and "エアコンセパレート室外"	
● Packaged unit*	"单元机 (天花机, 风管机)"				"Condizionatori packaged e roof top, canalizzabili e non"				"業務用 (パッケージ) エアコン"	"エアコンシングルパッケージ形"	
● Variable refrigerant flow*	"多联机"	"Air based distribution VRF/VRV"			"Sistemi VRF/VRV"				"業務用エアコン-ビル用マルチ"	Counted together with other sub-types ("コンデンシングユニット" and "エアコンセパレート室内" and "エアコンセパレート室外")	
● Exhaust Air - Air	"暖通空调-新风-商用新风"	"Exhaust air - air / air" (Data only available for some countries, otherwise counted under "Others")	"Aerothermal - exhaust air-air electrical"						"全熱交換器"		
● Ground/water-source heat pump											
● Hydronic distribution					"Pompe di calore e gruppi frigoriferi di liquido a compressione condensazione ad acqua", not including "solo freddo"			"Ground/Water"	"PAC géothermique"	In Japan, hydronic distribution space heating units are uncommon thus these types of units are not included in any reporting.	
● Brine - Water		"Hydronic distribution - Brine/water"	"Geothermal - ground-water electrical"			"Sole-Wasser-Wärmepumpe"					
● Water - Water		"Hydronic distribution - Water/water"	"Hydrothermal - water-water electrical"			"Wasser-Wasser-Wärmepumpe"					
● Brine/Water - Water		Likely counted as either Brine/Water or Water/Water	Likely counted as either Brine/Water or Water/Water			Presumably counted under either "Sole-Wasser" or "Wasser-Wasser"					
● Wastewater - Water											
● Either air, ground or water											
● Either hydronic or air based distribution											
● Chillers*	"冷水机组-模块机" and "离心机-螺杆机"								"チリングユニット" and "ターボ冷凍機"	"チリングユニット (ヒートポンプを含む)" and "連心式冷凍機" and "その他の冷凍・冷蔵ユニット"	
● Heat-recovery*											
● Thermally driven heat pumps											
● Either air, ground or water											
● Either hydronic or air based distribution											
● Gas engine driven heat pump									"ガスエンジンヒートポンプ エアコン (GHP)"	"室外ユニット (エンジンにより圧縮機を駆動)" and "室内ユニット (エンジンにより圧縮機を駆動)"	
● Sorption heat pump		"Thermally driven heat pumps" (Data only available for some countries, otherwise counted under "Others")	Counted under all categories with "thermal" suffix								
● Absorption heat pump	溴化锂								"吸収式冷凍機"	"吸収式冷凍機 (冷温水機を含む)"	
● Adsorption heat pump											
● Hybrids											
● Either air, ground or water											
● Either hydronic or air based distribution											
● Hybrid system		"Hybrid heat pumps" (Data only available for some countries, otherwise counted under "Others")		Reported under "Hybrid heat pumps" for some countries	"Sistemi ibridi"						
● Integrated system					"Sistema ibrido con pompa di calore separata del tipo Monoblocco"			Counted under "other heat pumps"			
● Add-on system					"Sistema ibrido con pompa di calore del tipo splittato/completamente costruita all'interno"						
● Others											
● Either air, ground or water											
● Either hydronic or air based distribution											
● Emerging technologies											

* The matrix shows whether the product is reported for heating or cooling without distinction. For more information about the definitions applied in this matrix, refer to the technical note "Cross-regional Data Reporting Mapping Matrix - Definitions"

In order of appearance: EHPA = European Heat Pump Association; EHI = European Heating Industry; BWP = Bundesverband Wärmepumpe; AFPC = Association Française pour les Pompes à Chaleur; HPA = Heat Pump Association; CHPA = China Heat Pump Alliance; JRAIA = Japan Refrigeration and Air Conditioning Industry Association; METI = Ministry of Economy, Trade and Industry; AHRI = Air-Conditioning, Heating, and Refrigeration Institute.