

Now
in refrigerant
split
version

Daikin Altherma 3 R MT
The Quintessence of heat pump



**Mid temperature air-to-water heat pump,
optimized for boiler replacement**

Heating, cooling and domestic hot water





Daikin Altherma 3 R MT

Floor standing air to water heat pump for **heating and hot water**, ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Energy efficient heating only system based on air to water heat pump technology
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data				ELVH + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1		
	Space heating	Average climate water outlet 55 °C	General	SCOP	%	3,42		3,43		3,53		
				ηs (Seasonal space heating efficiency)		134		138				
				Seasonal space heating eff. class		A++						
	Average climate water outlet 35 °C	General	SCOP	%	4,81		4,84					
			ηs (Seasonal space heating efficiency)		190		191					
			Seasonal space heating eff. class		A+++							
	Domestic hot water heating	Average climate	General	Declared load profile		L						
			COP	dhw	2,8	3,05	2,8	3,05	2,8	3,05		
					ηwh (water heating efficiency)	%	120	130	120	130	120	130
					Water heating energy efficiency class		A+					
Indoor Unit				ELVH	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W		
Casing	Colour				White + Black							
	Material				Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634			
Weight	Unit	kg			120	129	120	129	120	129		
Tank	Water volume			l	180	230	180	230	180	230		
	Maximum water temperature			°C	70							
	Maximum water pressure			bar	10							
	Corrosion protection				Pickling							
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25							
		Water side	Min.~Max.	°C	15 ~ 65							
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35							
		Water side	Min.~Max.	°C	25 ~ 62							
Sound power level	Nom.	dBA			44							
Sound pressure level	Nom.	dBA			30							
Outdoor Unit				ERRA	08EW1		10EW1		12EW1			
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x 1,270 x 533								
Weight	Unit	kg			107							
Compressor	Quantity				1							
	Type				Hermetically sealed swing compressor							
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25							
	Cooling	Min.~Max.		°CDB	10 ~ 43							
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35							
Refrigerant	Type				R-32							
	GWP				675							
	Charge	kg			3,25							
	Charge	TCO ₂ Eq			2,9							
	Control				Expansion valve							
LW(A) Sound power level (according to EN14825)					56							
Sound pressure level (at 1 meter)					41,1							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50 /400							
Current	Recommended fuses			A	16							

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 R MT

Floor standing air to water heat pump for **heating and hot water**, ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Energy efficient heating only system based on air to water heat pump technology
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Efficiency data				ELVH + ERRA	12S18E6V/9W + 08EV3	12S23E6V/9W + 08EV3	12S18E6V/9W + 10EV3	12S23E6V/9W + 10EV3	12S18E6V/9W + 12EV3	12S23E6V/9W + 12EV3	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,34				3,44		
				ηs (Seasonal space heating efficiency)	130		131		135		
		Seasonal space heating eff. class	A++								
	Average climate water outlet 35 °C	General	SCOP	4,69				4,71			
			ηs (Seasonal space heating efficiency)	184		186					
		Seasonal space heating eff. class	A+++								
	Domestic hot water heating	Average climate	General	Declared load profile	L						
				COP	dhw	2,72	2,96	2,72	2,96	2,72	2,96
				ηwh (water heating efficiency)	%	117	126	117	126	117	126
				Water heating energy efficiency class	A+						
Indoor Unit				ELVH	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	
Casing	Colour				White + Black						
	Material				Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	
Weight	Unit				kg	120	129	120	129	120	129
Tank	Water volume			l	180	230	180	230	180	230	
	Maximum water temperature			°C	70						
	Maximum water pressure			bar	10						
	Corrosion protection				Pickling						
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25						
		Water side	Min.~Max.	°C	15 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35						
		Water side	Min.~Max.	°C	25 ~ 62						
Sound power level	Nom.				dBA	44					
Sound pressure level	Nom.				dBA	30					
Outdoor Unit				ERRA	08EV3		10EV3		12EV3		
Dimensions	Unit	HeightxWidthxDepth		mm	1,003 x 1,270 x 533						
Weight	Unit				kg	107					
Compressor	Quantity				1						
	Type				Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25						
	Cooling	Min.~Max.		°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge	kg			3,25						
	Charge	TCO ₂ /Eq			2,9						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)					54						
Sound pressure level Nom. (at 1 meter)					40,6						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50 /230						
Current	Recommended fuses			A	32						

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Daikin Altherma 3 R MT F

Floor standing air to water heat pump for **heating**, **cooling** and **hot water**, ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › For hot water, heating and cooling
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data				ELVX + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1	
	Average climate water outlet 55 °C	General	SCOP		3,47		3,48		3,58		
			ηs (Seasonal space heating efficiency)	%	136				140		
			Seasonal space heating eff. class		A++						
	Average climate water outlet 35 °C	General	SCOP		4,95		4,98				
			ηs (Seasonal space heating efficiency)	%	195		196				
	Average climate	General	Seasonal space heating eff. class		A+++						
			Declared load profile		L						
			COP	dhw	2,8	3,05	2,8	3,05	2,8	3,05	
			ηwh (water heating efficiency)	%	120	130	120	130	120	130	
			Water heating energy efficiency class		A+						
Indoor Unit				ELVX	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	
Casing	Colour				White + Black						
	Material				Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth			mm	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634
Weight	Unit				kg	120	129	120	129	120	129
Tank	Water volume			l	180	230	180	230	180	230	
	Maximum water temperature			°C	70						
	Maximum water pressure			bar	10						
	Corrosion protection				Pickling						
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25						
		Water side	Min.~Max.	°C	15 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35						
		Water side	Min.~Max.	°C	25 ~ 62						
Sound power level	Nom.				dBA	44					
Sound pressure level	Nom.				dBA	30					
Outdoor Unit				ERRA	08EW1		10EW1		12EW1		
Dimensions	Unit	HeightxWidthxDepth			mm	1,003 x 1,270 x 533					
Weight	Unit				kg	107					
Compressor	Quantity				1						
	Type				Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25						
	Cooling	Min.~Max.		°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge	kg			3,25						
	Charge	TCO _{Eq}			2,9						
	Control				Expansion valve						
LW(A) Sound power level (according to EN 14825)					56						
Sound pressure level (at 1 meter)					41,1						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50 /400						
Current	Recommended fuses			A	16						

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Floor standing air to water heat pump for **heating**, **cooling** and **hot water**, ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
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Efficiency data				ELVX + ERRA	12S18E6V/9W + 08EV3	12S23E6V/9W + 08EV3	12S18E6V/9W + 10EV3	12S23E6V/9W + 10EV3	12S18E6V/9W + 12EV3	12S23E6V/9W + 12EV3	
	Space heating	Average climate water outlet 55 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3,37		3,38		3,47	
						132				136	
						A++					
						4,79		4,82			
		Average climate water outlet 35 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	188		190			
						A+++					
						L					
						2,72		2,96		2,72	2,96
						117		126		117	126
						A+					
Indoor Unit					ELVX	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W
Casing	Colour					White + Black					
	Material					Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth			mm	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634
Weight	Unit				kg	120	129	120	129	120	129
Tank	Water volume				l	180	230	180	230	180	230
	Maximum water temperature				°C	70					
	Maximum water pressure				bar	10					
	Corrosion protection					Pickling					
Operation range	Heating	Ambient	Min.~Max.		°C	-25 ~25					
		Water side	Min.~Max.		°C	15 ~65					
	Domestic hot water	Ambient	Min.~Max.		°C	-25 ~35					
		Water side	Min.~Max.		°C	25 ~62					
Sound power level	Nom.				dBA	44					
Sound pressure level	Nom.				dBA	30					
Outdoor Unit					ERRA	08EV3	10EV3	12EV3			
Dimensions	Unit	HeightxWidthxDepth			mm	1,003 x 1,270 x 533					
Weight	Unit				kg	107					
Compressor	Quantity					1					
	Type					Hermetically sealed swing compressor					
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25						
	Cooling	Min.~Max.		°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35						
Refrigerant	Type					R-32					
	GWP					675					
	Charge				kg	3,25					
	Charge				TCO _{Eq}	2,9					
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)						54					
Sound pressure level (at 1 meter)						40,6					
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50 /230						
Current	Recommended fuses			A	32						

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Daikin Altherma 3 R MT F

Floor standing unit integrated with different temperature zones management

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Bi-zone allows temperature monitoring for 2 zones. Connect underfloor heating to radiators to optimise efficiency
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data				ELVZ + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1		
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,42		3,43		3,58			
				ηs (Seasonal space heating efficiency)	134		134		138			
			Seasonal space heating eff. class			A++						
		Average climate water outlet 35 °C	General	SCOP	4,81		4,84					
			ηs (Seasonal space heating efficiency)	190		191						
			Seasonal space heating eff. class			A+++						
	Domestic hot water heating	General	Declared load profile		L							
		Average climate	COP	dhw	2,8	3,05	2,8	3,05	2,8	3,05		
			ηwh (water heating efficiency)	%	120	130	120	130	120	130		
			Water heating energy efficiency class		A+							
Indoor Unit					ELVZ	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	
Casing	Colour				White + Black							
	Material				Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth			mm	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	
Weight	Unit				kg	133	141	133	141	133	141	
Tank	Water volume			l	180	230	180	230	180	230		
	Maximum water temperature			°C	70							
	Maximum water pressure			bar	10							
	Corrosion protection				Pickling							
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25							
		Water side	Min.~Max.	°C	15 ~ 65							
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35							
		Water side	Min.~Max.	°C	25 ~ 62							
Sound power level	Nom.				dBA	44						
Sound pressure level	Nom.				dBA	30						
Outdoor Unit					ERRA	08EW1	08EW1	10EW1	10EW1	12EW1	12EW1	
Dimensions	Unit	HeightxWidthxDepth			mm	1,003 x 1,270 x 533						
Weight	Unit				kg	107						
Compressor	Quantity					1						
	Type					Hermetically sealed swing compressor						
Operation range	Heating		Min.~Max.	°CDB	-25 ~ 25							
	Cooling		Min.~Max.	°CDB	10 ~ 43							
	Domestic hot water		Min.~Max.	°CDB	-25 ~ 35							
Refrigerant	Type					R-32						
	GWP					675						
	Charge		kg			3,25						
	Charge		TCO _{Eq}			2,9						
	Control					Expansion valve						
LW(A) Sound power level (according to EN14825)					56							
Sound pressure level (at 1 meter)					Nom.	41,1						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50 /400							
Current	Recommended fuses			A	16							

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Floor standing unit integrated with different temperature zones management

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Bi-zone allows temperature monitoring for 2 zones. Connect underfloor heating to radiators to optimise efficiency
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Efficiency data				ELVZ + ERRA	12S18E6V/9W + 08EV3	12S23E6V/9W + 08EV3	12S18E6V/9W + 10EV3	12S23E6V/9W + 10EV3	12S18E6V/9W + 12EV3	12S23E6V/9W + 12EV3
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,34				3,44	
				ηs (Seasonal space heating efficiency) %	130		131		135	
		Seasonal space heating eff. class	A++							
	Average climate water outlet 35 °C	General	SCOP	4,69		4,71				
			ηs (Seasonal space heating efficiency) %	184		186				
		Seasonal space heating eff. class	A+++							
	General	Declared load profile			L					
	Average climate		COP	dhw	2,72	2,96	2,72	2,96	2,72	2,96
			ηwh (water heating efficiency) %		117	126	117	126	117	126
			Water heating energy efficiency class	A+						
Indoor Unit				ELVZ	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W
Casing	Colour				White + Black					
	Material				Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth mm			1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634	1,655 x 95 x 634	1,855 x 95 x 634
Weight	Unit	kg			133	141	133	141	133	141
Tank	Water volume			l	180	230	180	230	180	230
	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25					
		Water side	Min.~Max.	°C	15 ~ 65					
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35					
		Water side	Min.~Max.	°C	25 ~ 62					
Sound power level	Nom.	dBA			44					
Sound pressure level	Nom.	dBA			30					
Outdoor Unit				ERRA	08EV3	08EV3	10EV3	10EV3	12EV3	12EV3
Dimensions	Unit	HeightxWidthxDepth mm			1,003 x 1,270 x 533					
Weight	Unit	kg			107					
Compressor	Quantity				1					
	Type				Hermetically sealed swing compressor					
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25					
	Cooling	Min.~Max.		°CDB	10 ~ 43					
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35					
Refrigerant	Type				R-32					
	GWP				675					
	Charge	kg			3,25					
	Charge	TCO ₂ /Eq			2,9					
	Control				Expansion valve					
LW(A) Sound power level (according to EN 14825)					54					
Sound pressure level Nom. (at 1 meter)					40,6					
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230					
Current	Recommended fuses			A	32					

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Daikin Altherma 3 R MT ECH₂O

Floor standing air to water heat pump for **heating**, **cooling** and **hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection



Efficiency data				ELSX+ ERRA	12P30E + 08EW1	12P50E + 08EW1	12P30E + 10EW1	12P50E + 10EW1	12P30E + 10EW1	12P50E + 10EW1	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,47		3,48		3,48		
				ηs (Seasonal space heating efficiency)			136				
				Seasonal space heating eff. class			A++				
	Average climate water outlet 35 °C	General	SCOP	4,95		4,98					
			ηs (Seasonal space heating efficiency)	195		196					
			Seasonal space heating eff. class			A+++					
	Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	
	Average climate	COP	dhw	2,83	3,29	2,83	3,29	2,83	3,29		
		ηwh (water heating efficiency)	%	119	136	119	136	119	136		
		Water heating energy efficiency class			A+						
	Indoor Unit				ELSX	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E
Casing	Colour					Traffic white (RAL9016) / Traffic black (RAL9017)					
	Material					Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth	mm		1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	
Weight	Unit		kg		76	91	76	91	76	91	
Tank	Water volume		l		294	477	294	477	294	477	
	Maximum water temperature		°C		85						
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~25						
		Water side	Min.~Max.	°C	15 ~65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~35						
		Water side	Min.~Max.	°C	25 ~62						
Sound power level	Nom.		dBA		44,7						
Sound pressure level	Nom.		dBA		36,8						
Outdoor Unit				ERRA	08EW1	10EW1	12EW1				
Dimensions	Unit	HeightxWidthxDepth	mm		1,003 x 1,270 x 533						
Weight	Unit		kg		107						
Compressor	Quantity					1					
	Type					Hermetically sealed swing compressor					
Operation range	Heating	Min.~Max.	°CDB		-25 ~25						
	Domestic hot water	Min.~Max.	°CDB		-25 ~35						
Refrigerant	Type					R-32					
	GWP					675					
	Charge		kg		3,25						
	Charge		TCO ₂ Eq		2,19						
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)					56						
Sound pressure level (at 1 meter)	Nom.					41,1					
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50 /400						
Current	Recommended fuses			A	16						

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Floor standing air to water heat pump for **heating**, **cooling** and **hot water** with thermal solar support

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Efficiency data				ELSX+ ERRA	12P30E + 08EV3	12P50E + 08EV3	12P30E + 10EV3	12P50E + 10EV3	12P30E + 12EV3	12P50E + 12EV3	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,37		3,38		3,47		
				ηs (Seasonal space heating efficiency)	132				136		
				Seasonal space heating eff. class	A++						
	Average climate water outlet 35 °C	General	SCOP	4,79		4,82					
			ηs (Seasonal space heating efficiency)	188		190					
			Seasonal space heating eff. class	A+++							
	Domestic hot water heating	Average climate	General	Declared load profile	L	XL	L	XL	L	XL	
			COP	dhw	2,75	3,19	2,75	3,19	2,75	3,19	
			ηwh (water heating efficiency)	%	116	132	116	132	116	132	
		Water heating energy efficiency class	A+								
Indoor Unit				ELSX	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour					Traffic white (RAL9016) / Traffic black (RAL9017)					
	Material					Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth	mm		1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	
Weight	Unit		kg		76	91	76	91	76	91	
Tank	Water volume		l		294	477	294	477	294	477	
	Maximum water temperature		°C		85						
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~25						
		Water side	Min.~Max.	°C	15 ~65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~35						
		Water side	Min.~Max.	°C	25 ~62						
Sound power level	Nom.		dBA		44,7						
Sound pressure level	Nom.		dBA		36,8						
Outdoor Unit				ERRA	08EV3	10EV3	12EV3				
Dimensions	Unit	HeightxWidthxDepth	mm		1,003 x 1,270 x 533						
Weight	Unit		kg		107						
Compressor	Quantity				1						
	Type				Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB		-25 ~25						
	Domestic hot water	Min.~Max.	°CDB		-25 ~35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge		kg		3,25						
	Charge		TCO ₂ Eq		2,19						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)					54						
Sound pressure level (at 1 meter)	Nom.				40,6						
Power supply	Name/Phase/Frequency/Voltage		Hz/V		V3/1~/50/230						
Current	Recommended fuses		A		32						

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 R MT ECH₂O

Floor standing air-to-water heat pump for **heating and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection



Efficiency data				ELSH + ERRA	12P30E + 08EW1	12P50E + 08EW1	12P30E + 10EW1	12P50E + 10EW1	12P30E + 12EW1	12P50E + 12EW1	
	Average climate water outlet 55 °C	General	SCOP	%	3,42		3,43		3,53		
			ηs (Seasonal space heating efficiency)	%	134				138		
		Seasonal space heating eff. class		A++							
	Average climate water outlet 35 °C	General	SCOP	%	4,81		4,84				
			ηs (Seasonal space heating efficiency)	%	190		191				
		Seasonal space heating eff. class		A+++							
	General	Declared load profile		L	XL	L	XL	L	XL		
	Average climate	COP	dhw	2,83	3,29	2,83	3,29	2,83	3,29		
		ηwh (water heating efficiency)	%	119	136	119	136	119	136		
		Water heating energy efficiency class		A+							
Indoor Unit				ELSH	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	HeightxWidthxDepth	mm	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817		
Weight	Unit		kg	76	91	76	91	76	91		
Tank	Water volume		l	294	477	294	477	294	477		
	Maximum water temperature		°C	85							
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~25						
		Water side	Min.~Max.	°C	15 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35						
		Water side	Min.~Max.	°C	25 ~ 62						
Sound power level	Nom.		dBA	44,7							
Sound pressure level	Nom.		dBA	36,8							
Outdoor Unit				ERRA	08EW1	10EW1	12EW1				
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x1,270 x533							
Weight	Unit		kg	107							
Compressor	Quantity			1							
	Type			Hermetically sealed swing compressor							
Operation range	Heating	Min.~Max.	°CDB	-25 ~25							
	Domestic hot water	Min.~Max.	°CDB	-25 ~35							
Refrigerant	Type			R-32							
	GWP			675							
	Charge		kg	3,25							
	Charge		TCO ₂ Eq	2,19							
	Control			Expansion valve							
LW(A) Sound power level (according to EN14825)				56							
Sound pressure level (at 1 meter)	Nom.			41,1							
Power supply	Name/Phase/Frequency/Voltage		Hz/V	W1/3~/50 /400							
Current	Recommended fuses		A	16							

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 R MT ECH₂O

Floor standing air-to-water heat pump for **heating and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection



Efficiency data				ELSH + ERRA	12P30E + 08EV3	12P50E + 08EV3	12P30E + 10EV3	12P50E + 10EV3	12P30E + 12EV3	12P50E + 12EV3		
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,44							
				ηs (Seasonal space heating efficiency) %	130		131		135			
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class	A++								
			SCOP	4,69		4,71						
	Domestic hot water heating	Average climate	General	ηs (Seasonal space heating efficiency) %	184				186			
				Seasonal space heating eff. class	A+++							
				Declared load profile	L	XL	L	XL	L	XL		
				COP	2,75	3,19	2,75	3,19	2,75	3,19		
				ηwh (water heating efficiency) %	116	132	116	132	116	132		
				Water heating energy efficiency class	A+							
Indoor Unit				ELSH	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E		
Casing	Colour				Traffic white (RAL9016) / Traffic black (RAL9017)							
	Material				Impact resistant polypropylene							
Dimensions	Unit	HeightxWidthxDepth	mm	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817			
Weight	Unit		kg	76	91	76	91	76	91			
Tank	Water volume		l	294	477	294	477	294	477			
	Maximum water temperature		°C	85								
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~25							
		Water side	Min.~Max.	°C	15 ~65							
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~35							
		Water side	Min.~Max.	°C	25 ~62							
Sound power level	Nom.		dBA	44,7								
Sound pressure level	Nom.		dBA	36,8								
Outdoor Unit				ERRA	08EV3	10EV3	12EV3					
Dimensions	Unit	HeightxWidthxDepth	mm	1,003 x 1,270 x 533								
Weight	Unit		kg	107								
Compressor	Quantity			1								
	Type			Hermetically sealed swing compressor								
Operation range	Heating	Min.~Max.	°CDB	-25 ~ 25								
	Domestic hot water	Min.~Max.	°CDB	-25 ~35								
Refrigerant	Type			R-32								
	GWP			675								
	Charge		kg	3,25								
	Charge		TCO ₂ Eq	2,19								
	Control			Expansion valve								
LW(A) Sound power level (according to EN14825)				54								
Sound pressure level (at 1 meter)	Nom.			40,6								
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50 /230							
Current	Recommended fuses			A	32							

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 R MT W

Wall mounted **heating only** air to water heat pump

- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Compact dimensions allows for small installation space, as almost no side clearances are required.
- › Combine with a stainless steel tank or ECH₂O thermal store.
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data				ELBH + ERRA	12E6V/9W + 08EW1	12E6V/9W + 08EV3	12E6V/9W + 10EW1	12E6V/9W + 10EV3	12E6V/9W + 12EW1	12E6V/9W + 12EV3	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,42	3,42	3,42	3,42	3,42	3,42	
				η _s (Seasonal space heating efficiency) %	134	130	134	131	138	135	
				Seasonal space heating eff. class	A++	A++	A++	A++	A++	A++	
	Average climate water outlet 35 °C	General	SCOP	4,81	4,69	4,84	4,71	4,84	4,71		
			η _s (Seasonal space heating efficiency) %	190	184	191	186	191	186		
			Seasonal space heating eff. class	A+++	A+++	A+++	A+++	A+++	A+++		
Indoor Unit				ELBH	12E6V	12E9W	12E6V	12E9W	12E6V	12E9W	
Casing	Colour					White + Black					
	Material					Resin, sheet metal					
Dimensions	Unit	HeightxWidthxDepth			mm	840 x 440 x 390					
Weight	Unit				kg	48,5					
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~ 25						
		Water side	Min.~Max.	°C	15 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~ 35						
		Water side	Min.~Max.	°C	25 ~ 62						
Sound power level	Nom.				dBA	44					
Sound pressure level	Nom.				dBA	30					
Outdoor Unit				ERRA	08EW1	08EV3	10EW1	10EV3	12EW1	12EV3	
Dimensions	Unit	HeightxWidthxDepth			mm	1,003 x 1,270 x 533					
Weight	Unit				kg	107					
Compressor	Quantity					1					
	Type					Hermetically sealed swing compressor					
Operation range	Heating	Min.~Max.		°CDB	-25 ~ 25						
	Domestic hot water	Min.~Max.		°CDB	-25 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge				kg	3,25					
	Charge				TCO _{Eq}	2,9					
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)					56	54	56	54	56	54	
Sound pressure level Nom. (at 1 meter)					41,1	40,6	41,1	40,6	41,1	40,6	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50/400	V3/1~/50/230	W1/3~/50/400	V3/1~/50/230	W1/3~/50/400	V3/1~/50/230	
Current	Recommended fuses			A	16	32	16	32	16	32	

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 R MT W

Wall mounted **reversible** air to water heat pump for heating and cooling

- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Compact dimensions allows for small installation space, as almost no side clearances are required.
- › Combine with a stainless steel tank or ECH₂O thermal store.
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data					ELBX + ERRA	12E6V/9W + 08EW1	12E6V/9W + 08EV3	12E6V/9W + 10EW1	12E6V/9W + 10EV3	12E6V/9W + 12EW1	12E6V/9W + 12EV3	
	Space heating	Average climate water outlet 55 °C	General	SCOP	%	3,47	3,37	3,48	3,38	3,58	3,47	
				ηs (Seasonal space heating efficiency)		136	132	136	132	140	136	
			Seasonal space heating eff. class		A++							
	Average climate water outlet 35 °C	General	SCOP	%	4,95	4,79	4,98	4,82	4,98	4,82		
			ηs (Seasonal space heating efficiency)	%	195	188	196	190	196	190		
			Seasonal space heating eff. class		A+++							
Indoor Unit					ELBX	12E6V	12E9W	12E6V	12E9W	12E6V	12E9W	
Casing	Colour					White + Black						
	Material					Resin, sheet metal						
Dimensions	Unit	HeightxWidthxDepth		mm	840 x 440 x 390							
Weight	Unit			kg	48,5							
Operation range	Heating	Ambient	Min.~Max.	°C	-25 ~25							
		Water side	Min.~Max.	°C	15 ~65							
	Domestic hot water	Ambient	Min.~Max.	°C	-25 ~35							
		Water side	Min.~Max.	°C	25 ~62							
Sound power level	Nom.			dBA	44							
Sound pressure level	Nom.			dBA	30							
Outdoor Unit					ERRA	08EW1	08EV3	10EW1	10EV3	12EW1	12EV3	
Dimensions	Unit	HeightxWidthxDepth		mm	1,003 x 1,270 x 533							
Weight	Unit			kg	107							
Compressor	Quantity				1							
	Type				Hermetically sealed swing compressor							
Operation range	Heating	Min.~Max.	°CDB	-25 ~ 25								
	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35								
Refrigerant	Type			R-32								
	GWP			675								
	Charge			kg	3,25							
	Charge			TCO _{Eq}	2,19							
	Control			Expansion valve								
LW(A) Sound power level (according to EN14825)					56	54	56	54	56	54		
Sound pressure level (at 1 meter)	Nom.				41,1	40,6	41,1	40,6	41,1	40,6		
Power supply	Name/Phase/Frequency/Voltage			Hz/V	W1/3~/50 /400	V3/1~/50 /230	W1/3~/50 /400	V3/1~/50 /230	W1/3~/50 /400	V3/1~/50 /230		
Current	Recommended fuses			A	16	32	16	32	16	32		

This product contains fluorinated greenhouse gases.



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