



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες Θερμότητας



Κεντρικά γραφεία Βενιζέλου 5
Έκθεση Βενιζέλου 3 & Αριστείδου 40
55133 Καλαμαριά, Θεσσαλονίκη
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Daikin Altherma

3 H MT F

Floor standing air to water heat pump
for heating and hot water

- A combined stainless steel domestic hot water tank of 180 or 230 L and heat pump for easy installation
- Inclusion of all hydraulic components means no third party components are required
- PCB board and hydraulic components are located in the front for easy access
- Integrated back-up heater of 6 or 9 kW



011-1W0503
011-1W0504
011-1W0505
011-1W0506
011-1W0507
011-1W0508



ETVH12E6V



ETVH12E9W



EPRA08-12EV3



EPRA08-12EW1

Efficiency data				ETVH + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W
Space heating	Average climate water outlet 55 °C	General	SCOP		3.41/3.52			134/138	3.43/3.53	
			η _{sp} (Seasonal space heating efficiency)	%						
	Average climate water outlet 35 °C	General	SCOP		4.69/4.81		4.71/4.84		4.71/4.84	
			η _{sp} (Seasonal space heating efficiency)	%	184/190		186/191		186/191	
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	COP _{dhw}			2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05
		η _{wh} (water heating efficiency)			117/120	126/130	117/120	126/130	117/120	126/130
		Water heating energy efficiency class								
Indoor Unit				ETVH	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W
Casing	Colour	White + Black								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm		1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit		kg		108	117	108	117	108	117
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				-28 ~ 25		
		Water side	Min.~Max.	°C				18 ~ 65		
	Domestic hot water	Ambient	Min.~Max.	°C				-28 ~ 35		
		Water side	Min.~Max.	°C				10 ~ 65		
Sound power level	Nom.		dBA					44		
Sound pressure level	Nom.		dBA					30		
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1			
Dimensions	Unit	HeightxWidthxDepth	mm			1,003x1,270x533				
Weight	Unit		kg			118				
Compressor	Quantity					1				
	Type					Hermetically sealed swing compressor				
Operation range	Heating	Min.~Max.	°CDB			-28 ~ 25				
	Cooling	Min.~Max.	°CDB			10 ~ 43				
	Domestic hot water	Min.~Max.	°CDB			-28 ~ 35				
Refrigerant	Type					R-32				
	GWP					675				
	Charge		kg			3.25				
	Charge		TCO2Eq			2.19				
	Control					Expansion valve				
LW(A) Sound power level (according to EN14825)						53				
Sound pressure level Nom. (at 1 meter)						40.60/41.10				
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1~/50/230 - W1/3~/50/400				
Current	Recommended fuses		A			32/16				

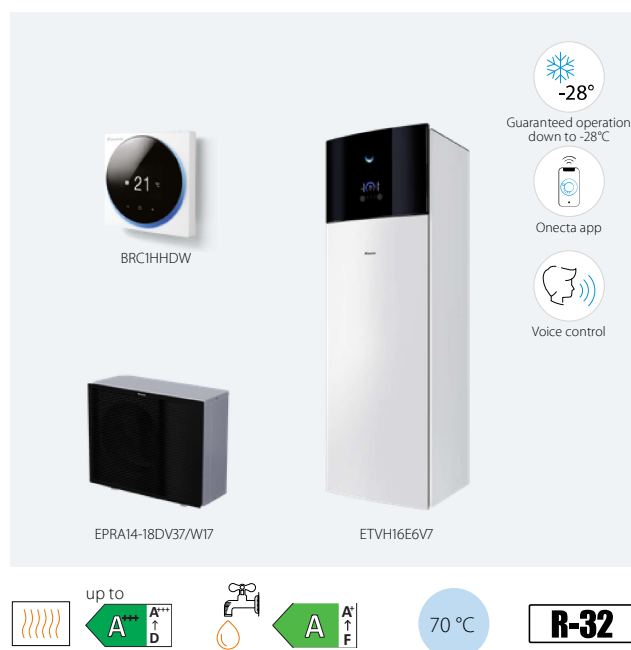
This product contains fluorinated greenhouse gases.

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- Integrated back-up heater of 6 or 9 kW



011-1W0353-354
011-1W0357-358
011-1W0361-362



Efficiency data				ETVH + EPRA						
				16S18E6V7/E9W7 +14DV7/W7	16S23E6V7/E9W7 +14DV7/W7	16S18E6V7/E9W7 +16DV7/W7	16S23E6V7/E9W7 +16DV7/W7	16S18E6V7/E9W7 +18DV7/W7	16S23E6V7/E9W7 +18DV7/W7	
 Space heating	Average climate water outlet 55 °C	General	SCOP	3.58/3.57						
			ηs (Seasonal space heating efficiency)	%	140					
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class							
			SCOP	4.51/4.71						
			ηs (Seasonal space heating efficiency)	%	177/186					
			Seasonal space heating eff. class							
 Domestic hot water heating	General	Declared load profile		L						
	Average climate	COPdhw		2.62/2.51	2.61/2.55	2.62/2.51	2.61/2.55	2.62/2.51	2.61/2.55	
		ηwh (water heating efficiency)		%	110/106	108/107	110/106	108/107	110/106	108/107
		Water heating energy efficiency class								
Indoor Unit				ETVH	16S18E6V7/ E9W7	16S23E6V7/ E9W7	16S18E6V7/ E9W7	16S23E6V7/ E9W7	16S18E6V7/ E9W7	16S23E6V7/ E9W7
Casing	Colour	White + Black								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	
Weight	Unit		kg	109	118	109	118	109	118	
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	-28 ~ 35					
		Water side	Min.~Max.	°C	15 ~ 70					
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
Outdoor Unit				EPRA	14DV37/W17	16DV37/W17		18DV37/W17		
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533						
Weight	Unit		kg	146/151						
Compressor	Quantity			1						
	Type			Hermetically sealed scroll compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25						
	Cooling	Min.~Max.	°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35						
Refrigerant	Type			R-32						
	GWP			675						
	Charge		kg	4.20						
	Charge		TCO2Eq	2.84						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level Nom. (at 1 meter)				43				48		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230 / W1/3~/50/400						
Current	Recommended fuses		A	32/16						

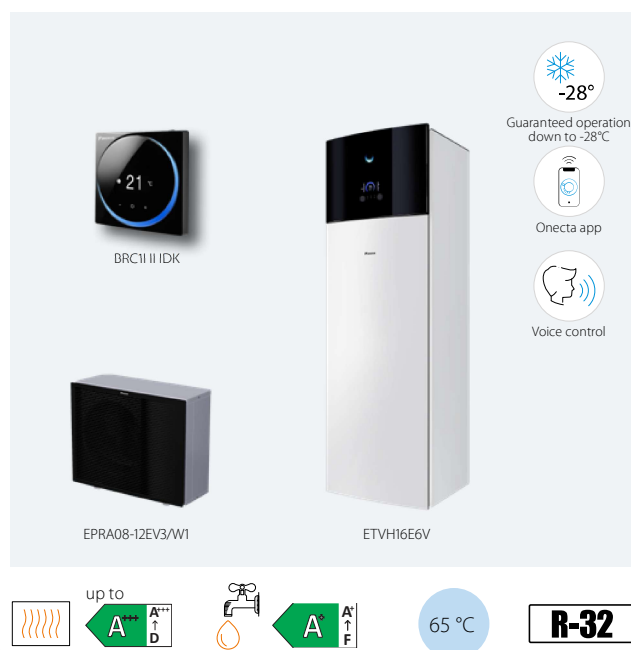
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011-1W0507
011-1W0508



ETVX12E6V



ETVX12E9W



EPRA08-12EV3



EPRA08-12EW1

Efficiency data				ETVX + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W
Space heating	Average climate water outlet 55 °C	General	SCOP		3.47/3.59			136/141	3.48/3.60	
			η _{sp} (Seasonal space heating efficiency)	%						
	Average climate water outlet 35 °C	General	SCOP		4.79/4.95			4.82/4.98		
			η _{sp} (Seasonal space heating efficiency)	%	188/195			190/196		
Domestic hot water heating	Average climate	General	Declared load profile					L		
			COP _{dhw}		2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05
			η _{wh} (water heating efficiency)	%	117/120	126/130	117/120	126/130	117/120	126/130
			Water heating energy efficiency class							

Indoor Unit				ETVX	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W
Casing	Colour			mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
	Material									
Dimensions	Unit	HeightxWidthxDepth								
Weight	Unit			kg	108	117	108	117	108	117
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	-28 ~ 25					
		Water side	Min.~Max.	°C	18 ~ 65					
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43					
		Water side	Min.~Max.	°C	5 ~ 22					
	Domestic hot water	Ambient	Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 65					
Sound power level	Nom.			dBA	44					
Sound pressure level	Nom.			dBA	30					
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1	
Dimensions	Unit	HeightxWidthxDepth		mm	1,003x1,270x533					
Weight	Unit			kg	118					
Compressor	Quantity				1					
	Type				Hermetically sealed swing compressor					
Operation range	Heating		Min.~Max.	°CDB	-28 ~ 25					
	Cooling		Min.~Max.	°CDB	10 ~ 43					
	Domestic hot water		Min.~Max.	°CDB	-28 ~ 35					
Refrigerant	Type				R-32					
	GWP				675					
	Charge			kg	3.25					
	Charge			TCO2Eq	2.19					
	Control				Expansion valve					
LW(A) Sound power level (according to EN14825)					53					
Sound pressure level Nom. (at 1 meter)					40.60/41.10					
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400					
Current	Recommended fuses			A	32/16					

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011-1W0353-354
011-1W0357-358
011-1W0361-362



Efficiency data				ETVX + EPRA		16S18E6V7/E9W7 +14DV7/W7	16S23E6V7/E9W7 +14DV7/W7	16S18E6V7/E9W7 +16DV7/W7	16S23E6V7/E9W7 +16DV7/W7	16S18E6V7/E9W7 +18DV7/W7	16S23E6V7/E9W7 +18DV7/W7
Space heating	Average climate water outlet 55 °C	General	SCOP						3.62/3.63		
			η _s (Seasonal space heating efficiency)	%				142			
	Average climate water outlet 35 °C	General	SCOP						4.57/4.81		
			η _s (Seasonal space heating efficiency)	%					180/190		
Domestic hot water heating	General	Declared load profile									
		Average COP _{dhw}									
	Average climate	η _{wh} (water heating efficiency)	%								
		Water heating energy efficiency class									
				L	XL	L	XL	L	XL		
				2.62/2.51	2.61/2.55	2.62/2.51	2.61/2.55	2.62/2.51	2.61/2.55		
				110/106	108/107	110/106	108/107	110/106	108/107		
Indoor Unit				ETVX	16S18E6V7/ E79W7	16S23E6V7/ E79W7	16S18E6V7/ E79W7	16S23E6V7/ E79W7	16S18E6V7/ E79W7	16S23E6V7/ E79W7	
Casing	Colour	White + Black									
	Material	Precoated sheet metal									
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625		
Weight	Unit		kg	109	118	109	118	109	118		
Tank	Water volume		l	180	230	180	230	180	230		
	Maximum water temperature		°C								
	Maximum water pressure		bar								
	Corrosion protection										
Operation range	Heating	Ambient	Min.~Max.	°C							
		Water side	Min.~Max.	°C							
	Cooling	Ambient	Min.~Max.	°C							
		Water side	Min.~Max.	°C							
	Domestic hot water	Ambient	Max.	°C							
		Water side	Min.~Max.	°C							
Sound power level	Nom.		dBA								
Sound pressure level	Nom.		dBA								
Outdoor Unit				EPRA	14DV37/W17	16DV37/W17	18DV37/W17				
Dimensions	Unit	HeightxWidthxDepth	mm			1,003x1,270x533					
Weight	Unit		kg			146/151					
Compressor	Quantity					1					
	Type					Hermetically sealed scroll compressor					
Operation range	Heating	Min.~Max.	°CDB			-28 ~ 25					
	Cooling	Min.~Max.	°CDB			10 ~ 43					
	Domestic hot water	Min.~Max.	°CDB			-28 ~ 35					
Refrigerant	Type					R-32					
	GWP					675					
	Charge		kg			4.20					
	Charge		TCO ₂ Eq			2.84					
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)						54					
Sound pressure level Nom. (at 1 meter)						43			48		
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1~/50/230 / W1/3~/50/400					
Current	Recommended fuses		A			32/16					

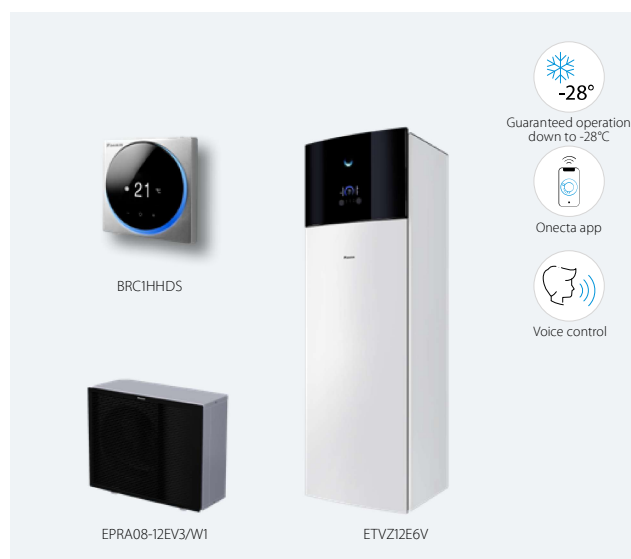
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Floor standing integrated with **two different temperature zones monitoring**

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011-1W0503
011-1W0504
011-1W0505
011-1W0506
011-1W0507
011-1W0508



ETVZ12E6V



ETVZ12E9W



EPRA08-12EV3



EPRA08-12EW1

Efficiency data				ETVZ + EPRA		12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3.41/3.52		3.43/3.53			
		134/138									
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	%	4.69/4.82		4.71/4.69		4.71/4.84	
		184/190				186/184		186/191			
 Domestic hot water heating	General	Declared load profile			L						
	Average climate	COP _{dhw}			2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05	2.72/2.80	2.96/3.05	
		η _{wh} (water heating efficiency)	%	117/120	126/130	117/120	126/130	117/120	126/130		
		Water heating energy efficiency class									
Indoor Unit				ETVZ	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	
Casing	Colour	White + Black									
	Material	Precoated sheet metal									
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625		
Weight	Unit		kg	114	122	114	122	114	122		
Tank	Water volume		l	180	230	180	230	180	230		
	Maximum water temperature		°C	70							
Operation range	Maximum water pressure		bar	10							
	Corrosion protection			Pickling							
	Heating Ambient	Min.~Max.	°C	-28 ~ 25							
	Water side	Min.~Max.	°C	18 ~ 65							
	Domestic hot water Ambient	Min.~Max.	°C	-28 ~ 35							
Sound power level	Nom.		dBA	44							
Sound pressure level	Nom.		dBA	30							
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1				
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533							
Weight	Unit		kg	118							
Compressor	Quantity			1							
	Type			Hermetically sealed swing compressor							
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 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)				53							
Sound pressure level Nom. (at 1 meter)				40.60/41.10							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	32/16						

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Floor standing integrated with **two different temperature zones monitoring**

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011-1W0353-354
011-1W0357-358
011-1W0361-362



ETVZ16E6V7



ETVZ16E9W7



EPRA14-18DV37



EPRA14-18DW17

Efficiency data				ETVZ + EPRA													
				16S18E6V7/E9W7 + 14DV7/W7		16S23E6V7/E9W7 + 14DV7/W7		16S18E6V7/E9W7 + 16DV7/W7		16S23E6V7/E9W7 + 16DV7/W7		16S18E6V7/E9W7 + 18DV7/W7		16S23E6V7/E9W7 + 18DV7/W7			
 Space heating	Average climate water outlet 55 °C	General	SCOP	ηs (Seasonal space heating efficiency) %					3.58/3.57								
			Seasonal space heating eff. class						140								
	Average climate water outlet 35 °C	General	SCOP	ηs (Seasonal space heating efficiency) %					4.51/4.71								
			Seasonal space heating eff. class						177/186								
 Domestic hot water heating	General	Declared load profile			L		XL		L		XL		L		XL		
	Average climate	COPdhw			2.62/2.51		2.61/2.55		2.62/2.51		2.61/2.55		2.62/2.51		2.61/2.55		
		ηwh (water heating efficiency) %			110/106		108/107		110/106		108/107		110/106		108/107		
		Water heating energy efficiency class															
Indoor Unit				ETVZ		16S18E6V7/ E9W7		16S23E6V7/ E9W7		16S18E6V7/ E9W7		16S23E6V7/ E9W7		16S18E6V7/ E9W7		16S23E6V7/ E9W7	
Casing	Colour					White + Black											
	Material					Precoated sheet metal											
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625		1,850x595x625		1,650x595x625		1,850x595x625		1,650x595x625		1,850x595x625			
Weight	Unit		kg	120		128		120		128		120		128			
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	-28 ~ 35												
		Water side	Min.~Max.	°C	15 ~ 70												
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35												
		Water side	Min.~Max.	°C	10 ~ 63												
Sound power level	Nom.		dBA	44													
Sound pressure level	Nom.		dBA	30													
Outdoor Unit				EPRA		14DV37/W17		16DV37/W17		18DV37/W17							
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533													
Weight	Unit		kg	146/151													
Compressor	Quantity			1													
	Type			Hermetically sealed scroll compressor													
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25													
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35													
Refrigerant	Type			R-32													
	GWP			675													
	Charge		kg	4.20													
	Charge		TCO2Eq	2.84													
	Control			Expansion valve													
LW(A) Sound power level (according to EN14825)				54													
Sound pressure level Nom. (at 1 meter)				43										48			
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400												
Current	Recommended fuses			A	32/16												

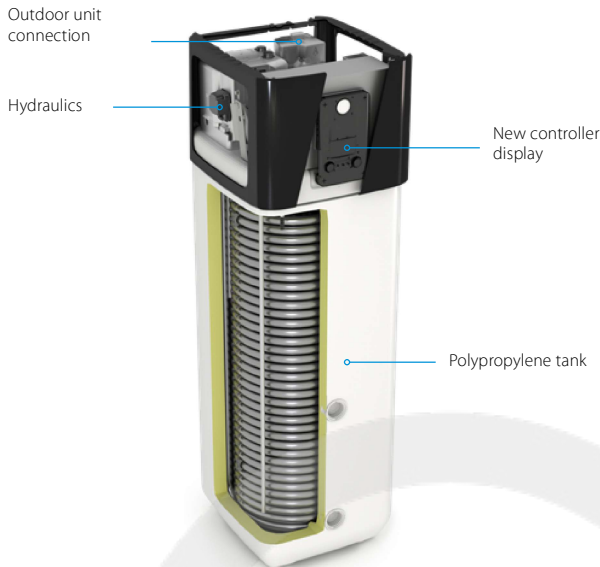
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Floor standing unit with integrated ECH₂O tank

R-32

BLUEVOLUTION

This model is the most compact unit but needs to be with a separate tank to deliver domestic hot water. The ECH₂O unit is equipped with a thermal DHW tank of 300 or 500 L that can be connected to thermal solar panels.



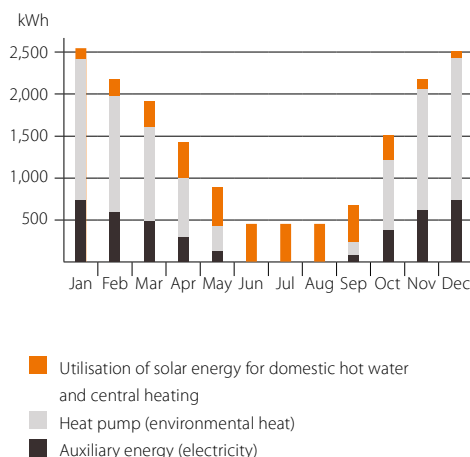
Floor standing air-to-water heat pump for heating and hot water with thermal solar support: ETSH units
 Floor standing air-to-water heat pump for bivalent heating and hot water with thermal solar support: ETSHB units
 Floor standing air-to-water heat pump for heating, cooling and hot water with thermal solar support: ETSX units
 Floor standing air-to-water heat pump for bivalent heating, cooling and hot water with thermal solar support: ETSXB units

Pressureless (drain-back) solar system (ETSH*, ETSX*)

Pressurised solar system (ETSHB*, ETSXB*)

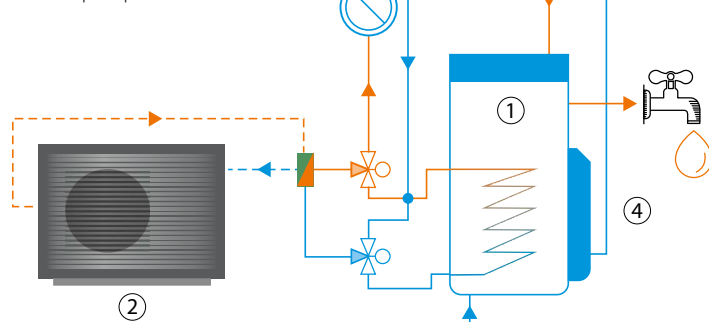
- The solar collectors are only filled with water when sufficient heating is provided by the sun
- The pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water
- After filling, water circulation is maintained by the remaining pump
- System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
- System is pressurised and sealed

Monthly energy consumption of an average detached house



System diagram: Integrated solar unit

- 1 Use of solar energy for domestic hot water and central heating
- 2 External heat pump unit
- 3 Solar thermal collectors
- 4 Solar pump station



Daikin Altherma 3 H 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
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system



011-1W0501
011-1W0502

Efficiency data				ETSH + EPRA		12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W
 Space heating	Average climate water outlet 55 °C	General	SCOP	%	3.41/3.52		134/138				
			η _s (Seasonal space heating efficiency)	%							
	Average climate water outlet 35 °C	General	SCOP	%	4.69/4.81		4.71/4.84		4.71/4.84		
			η _s (Seasonal space heating efficiency)	%	184/190		186/191		186/191		
 Domestic hot water heating	General	Declared load profile			L						
	Average climate	COP _{dhw}			2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	
		η _{wh} (water heating efficiency)			116/119	128/131	116/119	128/131	116/119	128/131	
		Water heating energy efficiency class			A						
Indoor Unit				ETSH	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	HeightxWidthxDepth	mm	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816		
Weight	Unit		kg	75	98	75	98	75	98		
Tank	Water volume		l	294	477	294	477	294	477		
	Maximum water temperature			85							
	Operation range	Heating	Ambient	Min.~Max.	-28 ~ 25						
Water side			Min.~Max.	18 ~ 65							
Domestic hot water		Ambient	Min.~Max.	-28 ~ 35							
		Water side	Min.~Max.	10 ~ 63							
Sound power level Nom.				dBA	47.30						
Sound pressure level Nom.				dBA	38.60						
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533							
Weight	Unit		kg	118							
Compressor	Quantity			1							
	Type	Hermetically sealed swing compressor									
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 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)				53							
Sound pressure level Nom. (at 1 meter)				40.60/41.10							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	32/16						

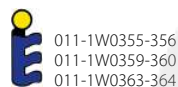
This product contains fluorinated greenhouse gases.

Daikin Altherma

3 H HT 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
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system



011-1W0355-356
011-1W0359-360
011-1W0363-364

Efficiency data				ETSH + EPRA	16P30E7 + 14DV7/W7	16P50E7 + 14DV7/W7	16P30E7 + 16DV7/W7	16P50E7 + 16DV7/W7	16P30E7 + 18DV7/W7	16P50E7 + 18DV7/W7
Space heating	Average climate water outlet 55 °C	General	SCOP						3.58/3.57	
			η _s (Seasonal space heating efficiency) %						140	
	Average climate water outlet 35 °C	General	SCOP						4.51/4.71	
			η _s (Seasonal space heating efficiency) %						177/186	
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	COP _{dhw}			2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99
		η _{wh} (water heating efficiency) %			124	125	124	125	124	125
		Water heating energy efficiency class								
Indoor Unit				ETSH	16P30E7	16P50E7	16P30E7	16P50E7	16P30E7	16P50E7
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	HeightxWidthxDepth	mm		1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816
Weight	Unit		kg		75	98	75	98	75	98
Tank	Water volume		l		294	477	294	477	294	477
	Maximum water temperature		°C					85		
Operation range	Heating	Ambient	Min.~Max.	°C				-28 ~ 35		
		Water side	Min.~Max.	°C				15 ~ 70		
	Domestic hot water	Ambient	Min.~Max.	°C				-28 ~ 35		
		Water side	Min.~Max.	°C				10 ~ 63		
Sound power level	Nom.		dBA					45.6		
Sound pressure level	Nom.		dBA					32.8		
Outdoor Unit				EPRA	14DV37/W17	16DV37/W17	18DV37/W17			
Dimensions	Unit	HeightxWidthxDepth	mm			1,003x1,270x533				
Weight	Unit		kg			146/151				
Compressor	Quantity					1				
	Type					Hermetically sealed scroll compressor				
Operation range	Heating	Min.~Max.	°CDB			-28 ~ 25				
	Domestic hot water	Min.~Max.	°CDB			-28 ~ 35				
Refrigerant	Type					R-32				
	GWP					675				
	Charge		kg			4.20				
	Charge		TCO ₂ Eq			2.84				
	Control					Expansion valve				
LW(A) Sound power level (according to EN14825)						54				
Sound pressure level Nom. (at 1 meter)						43.0			48.0	
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1~/50/230 / W1/3~/50/400				
Current	Recommended fuses		A			32/16				

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

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

- Integrated solar unit, offering top comfort in heating and hot water
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Bivalent system: combinable with a secondary heat source



011-1W0501
011-1W0502

Efficiency data				ETSHB + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W
Space heating	Average climate water outlet 55 °C	General	SCOP _{ns} (Seasonal space heating efficiency) %		3.41/3.52				3.43/3.53	
			Seasonal space heating eff. class							
	Average climate water outlet 35 °C	General	SCOP _{ns} (Seasonal space heating efficiency) %		4.69/4.81		4.71/4.84		4.71/4.84	
			Seasonal space heating eff. class		184/190		186/191		186/191	
Domestic hot water heating	General	Declared load profile								
	Average climate	COP _{dhw}	η _{wh} (water heating efficiency) %		2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17
			Water heating energy efficiency class		116/119	128/131	116/119	128/131	116/119	128/131
Indoor Unit				ETSHB	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	HeightxWidthxDepth	mm		1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816
Weight	Unit		kg		76	100	76	100	76	100
Tank	Water volume		l		294	477	294	477	294	477
	Maximum water temperature		°C					85		
Operation range	Heating	Ambient	Min.~Max.	°C				-28 ~ 35		
		Water side	Min.~Max.	°C				18 ~ 65		
	Domestic hot water	Ambient	Min.~Max.	°C				-28 ~ 35		
		Water side	Min.~Max.	°C				10 ~ 63		
Sound power level Nom.				dBA				45.6		
Sound pressure level Nom.				dBA				32.8		
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1			
Dimensions	Unit	HeightxWidthxDepth	mm			1,003x1,270x533				
Weight	Unit		kg			118				
Compressor	Quantity					1				
	Type					Hermetically sealed swing compressor				
Operation range	Heating	Min.~Max.	°CDB			-28 ~ 25				
	Domestic hot water	Min.~Max.	°CDB			-28 ~ 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)						53				
Sound pressure level Nom. (at 1 meter)						40.60/41.10				
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1~/50/230 - W1/3~/50/400				
Current	Recommended fuses		A			32/16				

This product contains fluorinated greenhouse gases.

Daikin Altherma

3 H HT ECH₂O

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

- Integrated solar unit, offering top comfort in heating and hot water
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Bivalent system: combinable with a secondary heat source



011-1W0355-356
011-1W0359-360
011-1W0363-364



Efficiency data				ETSHB + EPRA	16P30E7 + 14DV7/W7	16P50E7 + 14DV7/W7	16P30E7 + 16DV7/W7	16P50E7 + 16DV7/W7	16P30E7 + 18DV7/W7	16P50E7 + 18DV7/W7
 Space heating	Average climate water outlet 55 °C	General	SCOP	%	3.58/3.57					
			ηs (Seasonal space heating efficiency)		140					
			Seasonal space heating eff. class							
	Average climate water outlet 35 °C	General	SCOP	%	4.51/4.71					
		ηs (Seasonal space heating efficiency)		177/186						
			Seasonal space heating eff. class							
 Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	COPdhw			2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99
		ηwh (water heating efficiency)			124	125	124	125	124	125
		Water heating energy efficiency class								
Indoor Unit				ETSHB	16P30E7	16P50E7	16P30E7	16P50E7	16P30E7	16P50E7
Casing	Colour					Traffic white (RAL9016) / Dark grey (RAL7011)				
	Material					Impact resistant polypropylene				
Dimensions	Unit	HeightxWidthxDepth	mm		1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816
Weight	Unit		kg		76	100	76	100	76	100
Tank	Water volume		l		294	477	294	477	294	477
	Maximum water temperature		°C		85					
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	15 ~ 70					
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
Sound power level	Nom.				dBA	45.6				
Sound pressure level	Nom.				dBA	32.8				
Outdoor Unit				EPRA	14DV37/W17		16DV37/W17		18DV37/W17	
Dimensions	Unit	HeightxWidthxDepth	mm		1,003x1,270x533					
Weight	Unit		kg		146/151					
Compressor	Quantity					1				
	Type					Hermetically sealed scroll compressor				
Operation range	Heating	Min.~Max.	°CDB		-28 ~ 35					
	Domestic hot water	Min.~Max.	°CDB		-28 ~ 35					
Refrigerant	Type					R-32				
	GWP					675				
	Charge		kg		4.20					
	Charge		TCO2Eq		2.84					
	Control					Expansion valve				
LW(A) Sound power level (according to EN14825)					54					
Sound pressure level Nom. (at 1 meter)					43.0				48.0	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400					
Current	Recommended fuses			A	32/16					

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H 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, hot water and cooling
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system



011-1W0501
011-1W0502



ETSX12E



EPRA08-12EV3



EPRA08-12EW1

Efficiency data				ETSX + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W	
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	3.47/3.59		136/141		3.48/3.60		
											
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	4.79/4.95		4.82/4.98		190/196		
					189/195		190/196				
 Domestic hot water heating	General	Declared load profile			L						
	Average climate	COP _{dhw}			2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	
		η _{wh} (water heating efficiency)	%	116/119	128/131	116/119	128/131	116/119	128/131		
		Water heating energy efficiency class									
Indoor Unit				ETSX	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour					Traffic white (RAL9016) / Traffic black (RAL9017)					
	Material					Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth	mm	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816		
Weight	Unit		kg	75	98	75	98	75	98		
Tank	Water volume		l	294	477	294	477	294	477		
	Maximum water temperature		°C	85							
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25						
		Water side	Min.~Max.	°C	18 ~ 65						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
	Sound power level	Nom.		dBA	47.30						
	Sound pressure level	Nom.		dBA	38.60						
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533							
Weight	Unit		kg	118							
Compressor	Quantity			1							
	Type			Hermetically sealed swing compressor							
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Cooling	Min.~Max.	°CDB	10 ~ 43							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 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)				53							
Sound pressure level Nom. (at 1 meter)				40.60/41.10							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	32/16						

This product contains fluorinated greenhouse gases.

Daikin Altherma

3 H HT 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, hot water and cooling
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Solar support of domestic hot water with pressureless (drain-back) solar system



011-1W0355-356
011-1W0359-360
011-1W0363-364



ETSX16E7



EPRA14-18DV37



EPRA14-18DW17

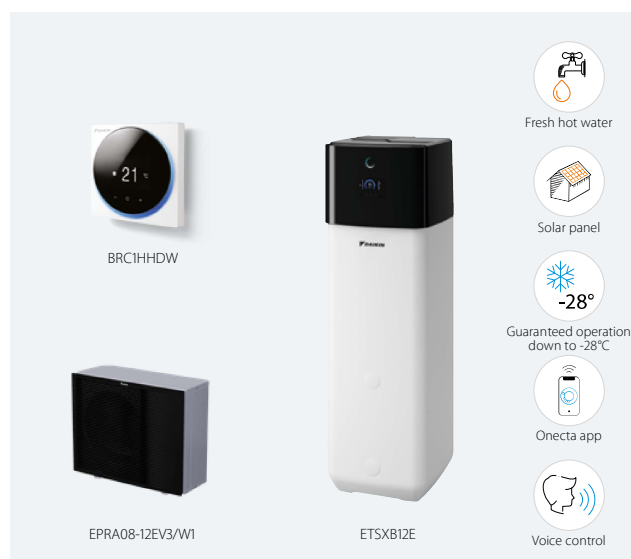
Efficiency data				ETSX + EPRA	16P30E7 + 14DV7/W7	16P50E7 + 14DV7/W7	16P30E7 + 16DV7/W7	16P50E7 + 16DV7/W7	16P30E7 + 18DV7/W7	16P50E7 + 18DV7/W7	
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) % Seasonal space heating eff. class	3.62/3.63						
					142						
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) % Seasonal space heating eff. class	4.57/4.81						
					180/190						
 Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL	
	Average climate	COP _{dhw}			2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99	
		η _{wh} (water heating efficiency) %			124	125	124	125	124	125	
		Water heating energy efficiency class			E F						
Indoor Unit					ETSX	16P30E7	16P50E7	16P30E7	16P50E7	16P30E7	16P50E7
Casing	Colour					Traffic white (RAL9016) / Dark grey (RAL7011)					
	Material					Impact resistant polypropylene					
Dimensions	Unit	HeightxWidthxDepth	mm		1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	
Weight	Unit		kg		75	98	75	98	75	98	
Tank	Water volume		l		294	477	294	477	294	477	
Operation range	Maximum water temperature			°C	85						
	Heating	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	15 ~ 70						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
	Sound power level	Nom.		dBA	45.6						
Sound pressure level	Nom.		dBA	32.8							
Outdoor Unit					EPRA	14DV37/W17	16DV37/W17	18DV37/W17			
Dimensions	Unit	HeightxWidthxDepth	mm		1,003x1,270x533						
Weight	Unit		kg		146/151						
Compressor	Quantity				1						
	Type				Hermetically sealed scroll compressor						
Operation range	Heating	Min.~Max.	°CDB		-28 ~ 25						
	Cooling	Min.~Max.	°CDB		10 ~ 43						
	Domestic hot water	Min.~Max.	°CDB		-28 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge		kg		4.20						
	Charge		TCO ₂ Eq		2.84						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)					54						
Sound pressure level Nom. (at 1 meter)					43.0						48.0
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400						
Current	Recommended fuses			A	32/16						

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

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

- Integrated solar unit, offering top comfort in heating and hot water
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Bivalent system: combinable with a secondary heat source



011-1W0501
011-1W0502

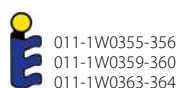
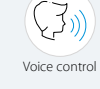
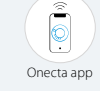
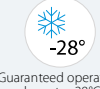
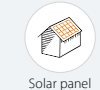
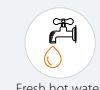
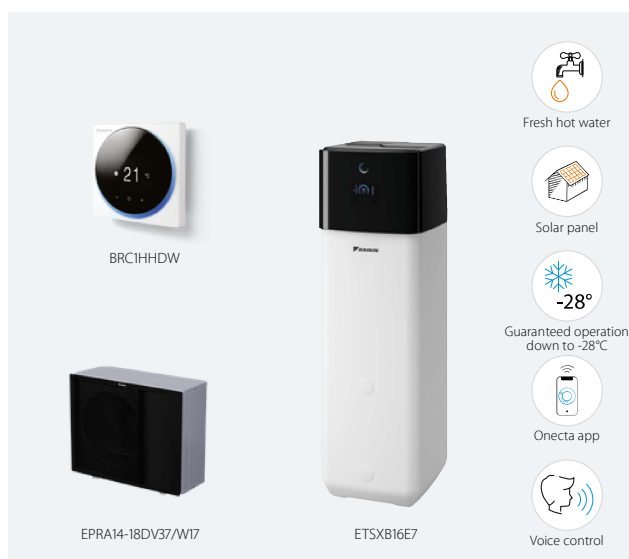
Efficiency data				ETSXB + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	3.47/3.59		136/141			
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	4.79/4.95 189/195		4.82/4.98 190/196			
 Domestic hot water heating	General	Declared load profile			L					
		Average climate	COP _{dhw}			2.75/2.83	3.10/3.17	2.75/2.83	3.10/3.17	2.75/2.83
		η _{wh} (water heating efficiency)			116/119	128/131	116/119	128/131	116/119	128/131
		Water heating energy efficiency class								
Indoor Unit				ETSXB	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	HeightxWidthxDepth	mm	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	
Weight	Unit		kg	76	100	76	100	76	100	
Tank	Water volume		l	294	477	294	477	294	477	
	Maximum water temperature		°C	85						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25					
		Water side	Min.~Max.	°C	18 ~ 65					
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43					
		Water side	Min.~Max.	°C	5 ~ 22					
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
	Sound power level Nom.			dBA	47.30					
	Sound pressure level Nom.			dBA	38.60					
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1	
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533						
Weight	Unit		kg	118						
Compressor	Quantity			1						
	Type			Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25						
	Cooling	Min.~Max.	°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 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)				53						
Sound pressure level Nom. (at 1 meter)				40.60/41.10						
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses		A	32/16						

This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H HT ECH₂O

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

- Integrated solar unit, offering top comfort in heating and hot water
- 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
- Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- Bivalent system: combinable with a secondary heat source



011-1W0355-356
011-1W0359-360
011-1W0363-364



ETSXB16E7



EPRA14-18DV37



EPRA14-18DW17

Efficiency data				ETSXB + EPRA	16P30E7 + 14DV7/W7	16P50E7 + 14DV7/W7	16P30E7 + 16DV7/W7	16P50E7 + 16DV7/W7	16P30E7 + 18DV7/W7	16P50E7 + 18DV7/W7
 Space heating	Average climate water outlet 55 °C	General	SCOP	ηs (Seasonal space heating efficiency) %	3.62/3.63					
			Seasonal space heating eff. class		142					
	Average climate water outlet 35 °C	General	SCOP	ηs (Seasonal space heating efficiency) %	4.57/4.81					
			Seasonal space heating eff. class		180/190					
 Domestic hot water heating	General Average climate	Declared load profile			L	XL	L	XL	L	XL
		COPdhw			2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99	2.86/2.85	3.00/2.99
		ηwh (water heating efficiency) %			124	125	124	125	124	125
		Water heating energy efficiency class			A					
Indoor Unit				ETSXB	16P30E7	16P50E7	16P30E7	16P50E7	16P30E7	16P50E7
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	HeightxWidthxDepth	mm	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	1,892x594x644	1,910x792x816	
Weight	Unit		kg	76	100	76	100	76	100	
Tank	Water volume		l	294	477	294	477	294	477	
Operation range	Maximum water temperature			°C	85					
	Heating	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	15 ~ 70					
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43					
		Water side	Min.~Max.	°C	5 ~ 22					
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
	Sound power level Nom.			dBA	45.6					
Sound pressure level Nom.			dBA	32.8						
Outdoor Unit				EPRA	14DV37/W17		16DV37/W17		18DV37/W17	
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533						
Weight	Unit		kg	146/151						
Compressor	Quantity	1								
Operation range	Type	Hermetically sealed scroll compressor								
	Heating	Min.~Max.	°CDB	-28 ~ 25						
	Cooling	Min.~Max.	°CDB	10 ~ 43						
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35						
Refrigerant	Type	R-32								
	GWP	675								
	Charge		kg	4.20						
	Charge		TCO2Eq	2.84						
	Control	Expansion valve								
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level Nom. (at 1 meter)				43.0					48.0	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400					
Current	Recommended fuses			A	32/16					

This product contains fluorinated greenhouse gases.

Wall mounted unit

This model is the most compact unit for heating and cooling with high flexibility for a quick and easy installation, with an optional connection to domestic hot water.



Wall mounted heating only air-to-water heat pump: ETBH units
Wall mounted reversible air-to-water heat pump: ETBX units

Heating and cooling

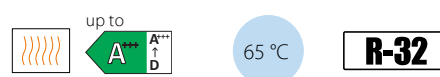


Daikin Altherma

3 H MT W

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

- Inclusion of all hydraulic components means no third party components are required
- PCB board and hydraulic components are located in the front for easy access
- Compact dimensions allows for small installation space, as almost no side clearances are required
- The unit's sleek design blends in with other household appliances
- Combine with a stainless steel tank or ECH₂O thermal store



011-1W0506
011-1W0507
011-1W0508



ETBH12E6V



ETBH12E9W



EPRA08-12EV3



EPRA08-12EW1

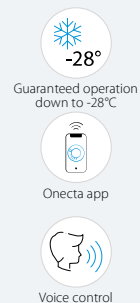
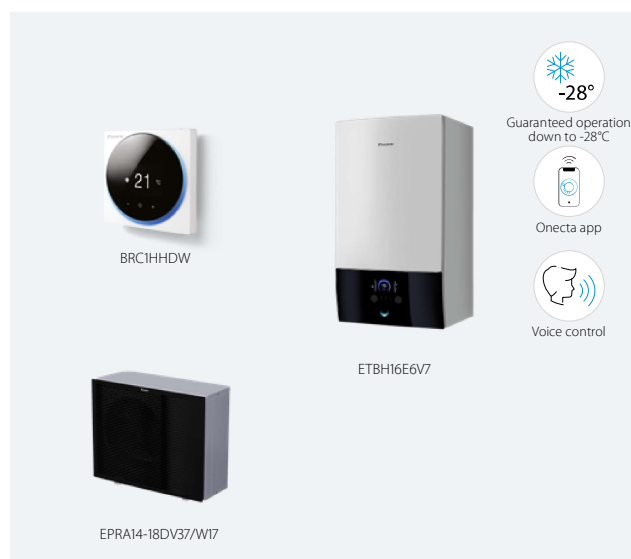
Efficiency data				ETBH + EPRA		12E6V + 08EV/W	12E9W + 08EV/W	12E6V + 10EV/W	12E9W + 10EV/W	12E6V + 12EV/W	12E9W + 12EV/W
 Space heating	Average climate water outlet 55 °C	General	SCOP			3.41/3.52			3.43/3.53		
			ηs (Seasonal space heating efficiency)	%					134/138		
			Seasonal space heating eff. class								
	Average climate water outlet 35 °C	General	SCOP			4.69/4.81		4.71/4.84		4.71/4.84	
			ηs (Seasonal space heating efficiency)	%		184/190		186/191		186/191	
			Seasonal space heating eff. class								
Indoor Unit				ETBH	12E6V	12E9W	12E6V	12E9W	12E6V	12E9W	
Casing	Colour					White + Black					
	Material					Sheet metal					
Dimensions	Unit	Height	Width	Depth	mm	840x440x390					
Weight	Unit					kg					
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25						
		Water side	Min.~Max.	°C	18 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.					dBA					
Sound pressure level	Nom.					dBA					
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1				
Dimensions	Unit	Height	Width	Depth	mm	1,003x1,270x533					
Weight	Unit					kg					
Compressor	Quantity					1					
	Type					Hermetically sealed swing compressor					
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35							
Refrigerant	Type					R-32					
	GWP					675					
	Charge					kg					
	Charge					TCO2Eq					
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)					53						
Sound pressure level Nom. (at 1 meter)					40.60/41.10						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	32/16						

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Daikin Altherma 3 H HT W

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

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011-1W0353
011-1W0357
011-1W0361



ETBH16E6V7



ETBH16E9W7



EPRA14-18DV37



EPRA14-18DW17

Efficiency data				ETBH + EPRA		16E6V7 + 14DV7/DW7	16E9W7 + 14DV7/DW7	16E6V7 + 16DV7/W7	16E9W7 + 16DV7/W7	16E6V7 + 18DV7/DW7	16E9W7 + 18DV7/DW7	
	Average climate water outlet 55 °C	General	SCOP					3.58/3.57				
			ηs (Seasonal space heating efficiency) %				140					
			Seasonal space heating eff. class									
	Average climate water outlet 35 °C	General	SCOP					4.51/4.71				
			ηs (Seasonal space heating efficiency) %				177/186					
			Seasonal space heating eff. class									
Indoor Unit				ETBH	16E6V7	16E9W7	16E6V7	16E9W7	16E6V7	16E9W7		
Casing	Colour					White + Black						
	Material					Sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm		840x440x390							
Weight	Unit			kg	42							
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35							
		Water side	Min.~Max.	°C	18 ~ 70							
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35							
		Water side	Min.~Max.	°C	10 ~ 63							
Sound power level	Nom.			dBA	44							
Sound pressure level	Nom.			dBA	30							
Outdoor Unit				EPRA	14DV37/W17	16DV37/W17		18DV37/W17				
Dimensions	Unit	HeightxWidthxDepth	mm		1,003x1,270x533							
Weight	Unit			kg	146/151							
Compressor	Quantity					1						
	Type					Hermetically sealed scroll compressor						
Operation range	Heating	Min.~Max.	°CDB		-28 ~ 35							
	Domestic hot water	Min.~Max.	°CDB		-28 ~ 35							
Refrigerant	Type					R-32						
	GWP					675						
	Charge			kg	4.20							
	Charge			TCO2Eq	2.84							
	Control					Expansion valve						
LW(A) Sound power level (according to EN14825)				54								
Sound pressure level Nom. (at 1 meter)				43						48		
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400							
Current	Recommended fuses			A	32/16							

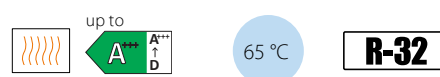
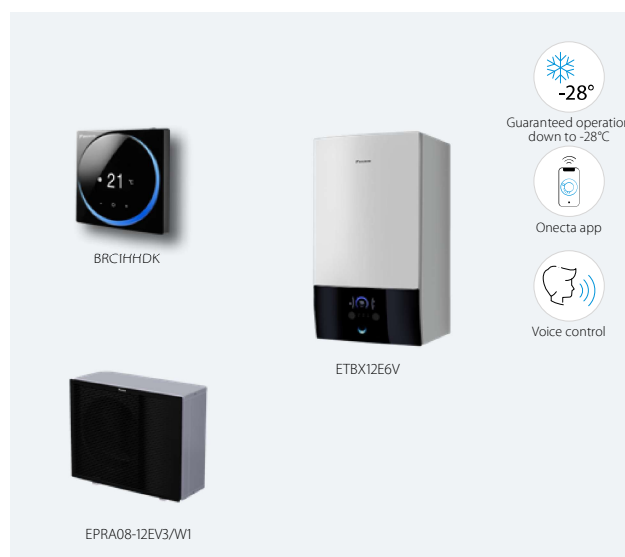
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Daikin Altherma

3 H MT W

Wall mounted **reversible** air-to-water heat pump

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011-1W0506
011-1W0507
011-1W0508



ETBX12E6V



ETBX12E9W



EPRA08-12EV3



EPRA08-12EW1

Efficiency data				ETBX + EPRA	12E6V + 08EV/W	12E9W + 08EV/W	12E6V + 10EV/W	12E9W + 10EV/W	12E6V + 12EV/W	12E9W + 12EV/W	
 Space heating	Average climate water outlet 55 °C	General	SCOP		3.47/3.59				3.48/3.60		
			ηs (Seasonal space heating efficiency) %				136/141				
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class								
			SCOP		4.79/4.95				4.82/4.98		
			ηs (Seasonal space heating efficiency) %		188/195				190/196		
			Seasonal space heating eff. class								
Indoor Unit				ETBX	12E6V	12E9W	12E6V	12E9W	12E6V	12E9W	
Casing	Colour				White + Black						
	Material				Sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390							
Weight	Unit				36.50						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25						
		Water side	Min.~Max.	°C	18 ~ 65						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.				44						
Sound pressure level	Nom.				30						
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1				
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533							
Weight	Unit				118						
Compressor	Quantity				1						
	Type				Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Cooling	Min.~Max.	°CDB	10 ~ 43							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35							
Refrigerant	Type				R-32						
	GWP				675						
	Charge		kg	3.25							
	Charge		TCO2Eq	2.19							
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)				53							
Sound pressure level Nom. (at 1 meter)				40.60/41.10							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	32/16						

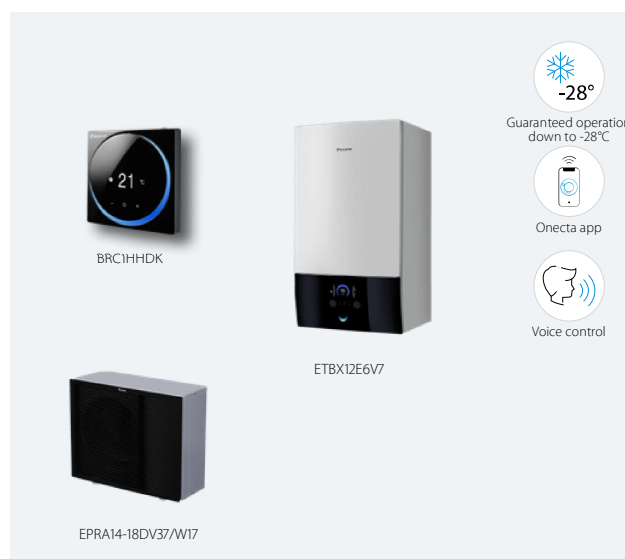
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Daikin Altherma

3 H HT W

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011-1W0353
011-1W0357
011-1W0361



ETBX16E6V



ETBX16E9W



EPRA14-18DV37



EPRA14-18DW17

Efficiency data				ETBX + EPRA		16E6V7 + 14DV7/W7	16E9W7 + 14DV7/W7	16E6V7 + 16DV7/W7	16E9W7 + 16DV7/W7	16E6V7 + 18DV7/W7	16E9W7 + 18DV7/W7
 Space heating	Average climate water outlet 55 °C	General	SCOP						3.62/3.63		
			η _s (Seasonal space heating efficiency) %						142		
			Seasonal space heating eff. class								
	Average climate water outlet 35 °C	General	SCOP						4.57/4.81		
			η _s (Seasonal space heating efficiency) %						180/190		
			Seasonal space heating eff. class								
Indoor Unit				ETBX	16E6V7	16E9W7	16E6V7	16E9W7	16E6V7	16E9W7	
Casing	Colour				White + Black						
	Material				Sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390							
Weight	Unit				42						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	18 ~ 70						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.				44						
Sound pressure level	Nom.				30						
Outdoor Unit				EPRA	14DV37/W17		16DV37/W17		18DV37/W17		
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533							
Weight	Unit				146/151						
Compressor	Quantity				1						
	Type				Hermetically sealed scroll compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Cooling	Min.~Max.	°CDB	10 ~ 43							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35							
Refrigerant	Type				R-32						
	GWP				675						
	Charge				4.20						
	Charge	TCO ₂ Eq			2.84						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)				54							
Sound pressure level (at 1 meter)				43						48	
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 / W1/3~/50/400						
Current	Recommended fuses			A	32/16						

This product contains fluorinated greenhouse gases.