



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες θερμότητας



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστέιδου 40 & Ελ.Βενιζέλου 3
ΤΚ | 55133 | Καλαμαριά | Θεσσαλονίκη
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Daikin Altherma 3 H HT 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



Efficiency data				ETVH + EPRA	16S18D6V(G)/ D9W(G) + 14DV/W	16S23D6V(G)/ D9W(G) + 14DV/W	16S18D6V(G)/ D9W(G) + 16DV/W	16S23D6V(G)/ D9W(G) + 16DV/W	16S18D6V(G)/ D9W(G) + 18DV/W	16S23D6V(G)/ D9W(G) + 18DV/W
Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency)	3,58 / 3,57					
			Seasonal space heating eff. class		140					
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency)	4,51 / 4,71					
			Seasonal space heating eff. class		177 / 186					
Domestic hot water heating	Average climate	General	Declared load profile		L	XL	L	XL	L	XL
			COP _{dhw}		2,62 / 2,51	2,61 / 2,55	2,62 / 2,51	2,61 / 2,55	2,62 / 2,51	2,61 / 2,55
			η _{wh} (water heating efficiency)	%	110 / 106	108 / 107	110 / 106	108 / 107	110 / 106	108 / 107
			Water heating energy efficiency class		A					

Indoor Unit				ETVH	16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)	16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)	16S18D6V(G)/ D9W(G)	16S23D6V(G)/ D9W(G)
Casing	Colour	White + Black								
	Material	Precoated sheet metal								
Dimensions	Unit	Height x Width x Depth	mm	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625	
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	Water side Min.~Max.	°C	15 ~ 70						
	Domestic hot water	Water side Max.	°C	63						
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
Outdoor Unit				EPRA	14DV3/W1		16DV3/W1		18DV3/W1	
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533						
Weight	Unit		kg	146/151						
Compressor	Quantity			1						
	Type			Hermetically sealed scroll compressor						
Operation range	Cooling	Min.~Max.	°CDB	10 ~ 43						
	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		TCO ₂ Eq	2,84						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level (at 1 meter)	Nom.			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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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Daikin Altherma 3 H HT F

Floor standing air to water heat pump for
heating, cooling 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6,9 kW
- › Heat pump operation down to -28 °C



011-IW0353-354
011-IW0357-358
011-IW0361-362



Efficiency data				ETVX + EPRA		16S18D6V(G)/ D9W(G) + 14DV/W		16S23D6V(G)/ D9W(G) + 14DV/W		16S18D6V(G)/ D9W(G) + 16DV/W		16S23D6V(G)/ D9W(G) + 16DV/W		16S18D6V(G)/ D9W(G) + 18DV/W		16S23D6V(G)/ D9W(G) + 18DV/W			
	Space heating	Average climate	General	SCOP	%	3,62 / 3,63													
		water outlet 55 °C		rys (Seasonal space heating efficiency)															
	Average climate	General	SCOP	%	142														
	water outlet 35 °C		rys (Seasonal space heating efficiency)																
					Seasonal space heating eff. class														
				A++															
	Domestic hot water heating	General	Declared load profile																
		Average	COPdhw																
		climate	ηwh (water heating efficiency)	%															
						180 / 190													
						A+++													
				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					
				A															
Indoor Unit				ETVX		16S18D6V(G)/ D9W(G)		16S23D6V(G)/ D9W(G)		16S18D6V(G)/ D9W(G)		16S23D6V(G)/ D9W(G)		16S18D6V(G)/ D9W(G)		16S23D6V(G)/ D9W(G)			
Casing	Colour																		
	Material	White + Black																	
Dimensions	Unit	Height x Width x Depth	mm	Precoated sheet metal															
Weight	Unit		kg	1,650 x 595 x 625		1,850 x 595 x 625		1,650 x 595 x 625		1,850 x 595 x 625		1,650 x 595 x 625		1,850 x 595 x 625					
Tank	Water volume		l	109		118		109		118		109		118					
	Maximum water temperature		°C	180		230		180		230		180		230					
	Maximum water pressure		bar	70															
	Corrosion protection			10															
	Operation range	Heating	Water side	Min.~Max.	°C	Pickling													
	Cooling	Water side	Min.~Max.	°C	15 ~ 70														
	Domestic hot water	Water side	Max.	°C	5 ~ 50														
					°C	63													
Sound power level	Nom.		dBA	44															
Sound pressure level	Nom.		dBA	30															
Outdoor Unit				EPRA		14DV3/W1		16DV3/W1				18DV3/W1							
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533															
Weight	Unit		kg	146/151															
Compressor	Quantity			1															
Operation range	Type			Hermetically sealed scroll compressor															
	Cooling	Min.~Max.	°CDB	10 ~ 43															
	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 (at 1 meter)	Nom.			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															

Daikin Altherma 3 H HT F

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

- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



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



Efficiency data				ETVZ + EPRA		16S18D6V/D9W + 14DV/W	16S23D6V/D9W + 14DV/W	16S18D6V/D9W + 16DV/W	16S23D6V/D9W + 16DV/W	16S18D6V/D9W + 18DV/W	16S23D6V/D9W + 18DV/W			
 Space heating	Average climate water outlet 55 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency)	%	3,58 / 3,57								
			Seasonal space heating eff. class					140						
	Average climate water outlet 35 °C	General	SCOP	η _{sp} (Seasonal space heating efficiency)	%	A++								
			Seasonal space heating eff. class					4,51 / 4,71						
 Domestic hot water heating	General	Declared load profile				L	XL	L	XL	L	XL			
			Average climate	COP _{dhw}	η _{wh} (water heating efficiency)	%	2,62 / 2,51	2,61 / 2,55	2,62 / 2,51	2,61 / 2,55	2,62 / 2,51	2,61 / 2,55		
			Water heating energy efficiency class				110 / 106	108 / 107	110 / 106	108 / 107	110 / 106	108 / 107		
				A										
Indoor Unit				ETVZ		16S18D6V/D9W	16S23D6V/D9W	16S18D6V/D9W	16S23D6V/D9W	16S18D6V/D9W	16S23D6V/D9W			
Casing	Colour	White + Black												
	Material	Precoated sheet metal												
Dimensions	Unit	Height x Width x Depth	mm	1,650 x 595 x 625								1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit		kg	120								128	120	128
Tank	Water volume		l	180								230	180	230
	Maximum water temperature		°C	70										
	Maximum water pressure		bar	10										
	Corrosion protection			Pickling										
Operation range	Heating	Water side Min.~Max.	°C	15 ~ 70										
		Domestic hot water Water side Max.	°C	63										
Sound power level	Nom.		dB(A)	44										
Sound pressure level	Nom.		dB(A)	30										
Outdoor Unit				EPRA		14DV3/W1		16DV3/W1		18DV3/W1				
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533										
Weight	Unit		kg	146/151										
Compressor	Quantity			1										
	Type			Hermetically sealed scroll compressor										
Operation range	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)	Nom.			54										
Sound pressure level (at 1 meter)	Nom.			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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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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
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Heat pump operation down to -28 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump



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

Efficiency data				ETSH + EPRA		16P30D + 14DV/W	16P50D + 14DV/W	16P30D + 16DV/W	16P50D + 16DV/W	16P30D + 18DV/W	16P50D + 18DV/W
Space heating	Average climate water outlet 55 °C	General	SCOP	%	3,58 / 3,57						
			η _s (Seasonal space heating efficiency)		140						
			Seasonal space heating eff. class		A++						
	Average climate water outlet 35 °C	General	SCOP	%	4,51 / 4,71						
			η _s (Seasonal space heating efficiency)		177 / 186						
			Seasonal space heating eff. class		A+++						
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL	
	Average	COP _{dhw}			2,38	2,75 / 2,67	2,38	2,75 / 2,67	2,38	2,75 / 2,67	
	climate	η _{wh} (water heating efficiency)			101	115 / 111	101	115 / 111	101	115 / 111	
		Water heating energy efficiency class			A						
Indoor Unit				ETSH	16P30D	16P50D	16P30D	16P50D	16P30D	16P50D	
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	Height x Width x Depth	mm	1,891 x 590 x 615			1,896 x 785 x 785		1,891 x 590 x 615		1,896 x 785 x 785
Weight	Unit		kg	73	90	73	90	73	90	73	90
Tank	Water volume		l	294	477	294	477	294	477	294	477
	Maximum water temperature			85							
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	15 ~ 70						
	Domestic hot water	Ambient	Min.~Max.	°CDB	-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	14DV3/W1	16DV3/W1		18DV3/W1			
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533							
Weight	Unit		kg	146 / 151							
Compressor	Quantity			1							
	Type			Hermetically sealed scroll compressor							
Operation range	Cooling	Min.~Max.	°CDB	-28 ~ 35							
	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 (at 1 meter)	Nom.			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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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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
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation
- › Heat pump operation down to -28 °C



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

Efficiency data				ETSHB-D + EPRA	18P30D + 14DV/W	16P50D + 14DV/W	18P30D + 16DV/W	18P50D + 16DV/W	18P30D + 18DV/W	18P50D + 18DV/W
 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	Seasonal space heating eff. class	A++						
			SCOP	4,51 / 4,71						
 Domestic hot water heating	Average climate	General	η _{wh} (water heating efficiency)	%	177 / 186					
			Water heating energy efficiency class		A+++					
	Average climate	Declared load profile	L	XL	L	XL	L	XL		
			2,38	2,58 / 2,75	2,38	2,58 / 2,75	2,38	2,58 / 2,75		
Average climate	COP _{dhw}	101	108 / 115	101	108 / 115	101	108 / 115			
		A								
Indoor Unit				ETSHB	16P30D	16P50D	16P30D	16P50D	16P30D	16P50D
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	Height x Width x Depth	mm	1,891 x 590 x 615			1,896 x 785 x 785		1,891 x 590 x 615	
Weight	Unit		kg	75	96	75	96	75	96	
Tank	Water volume		l	294	477	294	477	294	477	
	Maximum water temperature		°C	85						
Operation range	Heating	Ambient	Min.~Max.	-28 ~ 35						
		Water side	Min.~Max.	15 ~ 70						
	Domestic hot water	Ambient	Min.~Max.	-28 ~ 35						
		Water side	Min.~Max.	10 ~ 73						
Sound power level	Nom.		dBA	45.6						
Sound pressure level	Nom.		dBA	32.8						
Outdoor Unit				EPRA	14DV3/W1	16DV3/W1		18DV3/W1		
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533						
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		TCO ₂ Eq	2,84						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level (at 1 meter)	Nom.			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.

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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
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Outdoor unit extracts heat from the outdoor air, even at -28 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump



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

Efficiency data				ETSX + EPRA		16P30D + 14DV/W		16P50D + 14DV/W		16P30D + 16DV/W		16P50D + 16DV/W		16P30D + 18DV/W		16P50D + 18DV/W		
	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	A++																
	Average climate water outlet 35 °C	General	SCOP	%	4,57 / 4,81													
η _s (Seasonal space heating efficiency)			180 / 190															
	Domestic hot water heating	Average climate	General	Declared load profile	%	L	XL	L	XL	L	XL	L	XL					
				COP _{dhw}		2,38	2,75 / 2,67	2,38	2,75 / 2,67	2,38	2,75 / 2,67	2,38	2,75 / 2,67					
	η _{wh} (water heating efficiency)	101	115 / 111	101	115 / 111	101	115 / 111	101	115 / 111									
	Water heating energy efficiency class	A																
Indoor Unit					ETSX		16P30D		16P50D		16P30D		16P50D		16P30D		16P50D	
Casing		Colour	Traffic white (RAL9016) / Dark grey (RAL7011)															
		Material	Impact resistant polypropylene															
Dimensions		Unit	Height x Width x Depth	mm	1,891 x 590 x 615	1,896 x 785 x 785	1,891 x 590 x 615	1,896 x 785 x 785	1,891 x 590 x 615	1,896 x 785 x 785	1,891 x 590 x 615	1,896 x 785 x 785						
Weight		Unit		kg	73	90	73	90	73	90	73	90						
Tank		Water volume		l	294	477	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.	°CDB	10~43												
			Water side	Min.~Max.	°C	5~22												
		Domestic hot water	Ambient	Min.~Max.	°CDB	-28~-35												
Sound power level		Nom.		dBA	45,6													
Sound pressure level		Nom.		dBA	32,8													
Outdoor Unit					EPRA		14DV3/W1		16DV3/DW1		18DV3/DW1							
Dimensions		Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533													
Weight		Unit		kg	146/151													
Compressor		Quantity			1													
Operation range		Type			Hermetically sealed scroll compressor													
		Heating	Min.~Max.	°CDB	-28 ~ 43													
		Cooling	Min.~Max.	°CDB	10 ~ 43													
		Domestic hot water	Min.~Max.	°CDB	-25 ~35													
Refrigerant		Type			R-32													
		GWP			675,0													
		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 (at 1 meter)					Nom.													
Power supply					43,0													
Current					48,0													
Name/Phase/Frequency/Voltage					V3/1~/50/230 / W1/3~/50/400													
Recommended fuses					32/16													

This product contains fluorinated greenhouse gases.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
TK | 55133 | Καλαμαριά | Θεσσαλονίκη
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E: info@klimamichaniki.gr
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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
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation



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

Efficiency data				ETSXB-D + EPRA	16P30D + 14DV/W	16P50D + 14DV/W	16P30D + 16DV/W	16P50D + 16DV/W	16P30D + 18DV/W	16P50D + 18DV/W	
 Space heating	Average climate water outlet 55 °C	General	SCOP	%	3,62 / 3,63						
			η _{sp} (Seasonal space heating efficiency)		142						
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class	A++							
			SCOP	4,57 / 4,81							
 Domestic hot water heating	Average climate	General	η _{sp} (Seasonal space heating efficiency)	%	180 / 190						
			Seasonal space heating eff. class		A+++						
	Declared load profile	L	XL	L	XL	L	XL				
		Average COP _{dhw}	2,38	2,58 / 2,75	2,38	2,58 / 2,75	2,38	2,58 / 2,75			
climate	η _{wh} (water heating efficiency)	%	101	108 / 115	101	108 / 115	101	108 / 115			
			A								
Indoor Unit				ETSXB-D	16P30D	16P50D	16P30D	16P50D	16P30D	16P50D	
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	Height x Width x Depth	mm	1,891 x 590 x 615	1,896 x 785 x 785	1,891 x 590 x 615	1,896 x 785 x 785	1,891 x 590 x 615	1,896 x 785 x 785		
Weight	Unit		kg	75	96	75	96	75	96		
Tank	Water volume		l	294	477	294	477	294	477		
Operation range	Heating	Ambient	Maximum water temperature	°C	85						
			Min.~Max.	°C	-25~35						
	Cooling	Ambient	Water side Min.~Max.	°C	15~70						
			Min.~Max.	°CDB	10~43						
	Domestic hot water	Ambient	Water side Min.~Max.	°C	5~22						
			Min.~Max.	°CDB	-28~35						
Sound power level	Nom.	Water side	Min.~Max.	°C	10~63						
			Min.~Max.	dBA	45,6						
Sound pressure level	Nom.			dBA	32,8						
Outdoor Unit				EPRA	14DV3/DW1	16DV3/W1		18DV3/W1			
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533							
Weight	Unit		kg	146/151							
Compressor	Quantity			1							
Operation range	Heating	Min.~Max.	°CDB	Hermetically sealed scroll compressor							
			°C	-28 ~ 35							
	Cooling	Min.~Max.	°CDB	10 ~ 43							
			°C	-25 ~ 35							
Refrigerant	Domestic hot water	Min.~Max.	°CDB	R-32							
			°C	675,0							
	Type	GWP		kg	4,20						
					Charge	TCO ₂ Eq	2,84				
	Control	Expansion valve									
		54									
LW(A) Sound power level (according to EN14825)											
Sound pressure level (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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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Daikin Altherma 3 H HT 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
- › Heat pump operation down to -28 °C



up to



A+++

70 °C

R-32



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

Efficiency data				ETBH + EPRA	16D6V + 14DV/DW	16D9W + 14DV/DW	16D6V + 16DV/W	16D9W + 16DV/W	16D6V + 18DV/DW	16D9W + 18DV/DW
	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	A++					
	Average climate water outlet 35 °C	General	SCOP	4,51 / 4,71						
			ηs (Seasonal space heating efficiency)	177 / 186						
			Seasonal space heating eff. class	A+++						
Indoor Unit				ETBH	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour Material	Unit	Height x Width x Depth	mm	White + Black Sheet metal					
					840 x 440 x 390					
Weight	Unit			kg	42					
Operation range	Heating	Water side	Min.~Max.	°C	18 ~ 70					
	Domestic hot water	Water side	Min.~Max.	°C	25 ~ 80					
Sound power level	Nom.			dBA	44					
Sound pressure level	Nom.			dBA	30					
Outdoor Unit				EPRA	14DV3/DW1	16DV3/W1		18DV3/DW1		
Dimensions	Unit		Height x Width x Depth	mm	1,003 x 1,270 x 533					
Weight	Unit			kg	146/151					
Compressor	Quantity				1					
	Type				Hermetically sealed scroll compressor					
Operation range	Cooling		Min.~Max.	°CDB	-28 ~ 35					
	Domestic hot water		Min.~Max.	°CDB	-25 ~ 35					
Refrigerant	Type				R-32					
	GWP				675.0					
	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 (at 1 meter)	Nom.				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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

Κεντρικά Γραφεία: Ελ. Βενιζέλου 5 | Έκθεση: Αριστείδου 40 & Ελ. Βενιζέλου 3
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Daikin Altherma 3 H HT W

Wall mounted **reversible** 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
- › Heat pump operation down to -28 °C



up to



A+++

70 °C

R-32



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

Efficiency data				ETBX + EPRA	16D6V + 014DV/W	16D9W + 14DV/W	16D6V + 16DV/W	16D9W + 16DV/W	16D6V + 18DV/W	16D9W + 18DV/W	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,62 / 3,63						
				ηs (Seasonal space heating efficiency)	142						
				Seasonal space heating eff. class	A++						
	Average climate water outlet 35 °C	General	SCOP	4,57 / 4,81							
			ηs (Seasonal space heating efficiency)	180 / 190							
			Seasonal space heating eff. class	A+++							
Indoor Unit				ETBX	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W	
Casing	Colour										
	Material										
Dimensions	Unit			Height x Width x Depth	mm						
Weight	Unit			kg							
Operation range	Heating	Water side	Min.~Max.	°C							
	Cooling	Water side	Min.~Max.	°C							
	Domestic hot water	Water side	Min.~Max.	°C							
Sound power level	Nom.			dBA							
Sound pressure level	Nom.			dBA							
Outdoor Unit				EPRA	14DV3/DW1	16DV3/W1			18DV3/DW1		
Dimensions	Unit			Height x Width x Depth	mm	1,003 x 1,270 x 533					
Weight	Unit			kg		146/151					
Compressor	Quantity					1					
	Type					Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB		10 ~ 43					
		Heating		°CDB		-28 ~ 35					
	Domestic hot water	Min.~Max.		°CDB		-25 ~ 35					
Refrigerant	Type					R-32					
	GWP					675,0					
	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.

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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