

Reversible air-to-water heat pump for close to the wall installation

Order reference: LA 6MR

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation, reversible refrigeration cycle for heating and cooling and built-in heat pump control. A remote control contained in the scope of delivery enables manual setting of the desired return temperature as well as external control via a higher-order control unit, energy-efficient defrosting through cycle reversal. Important assemblies of the heating cycle are already integrated into the unit: Heating circulating pump, expansion vessel, safety assembly, return and outside temperature sensor.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.

Technical data LA 6MR

Dimplex Reversible air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 6MR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 45 °C	
Heat output / COP at A+7/W35*	kW/-	6,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/-	6,00 / 2,00
Sound power level	db(A)	72
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	47
Refrigerant R407C	kg	0,00
Dimensions (W x D x H)**	mm	1270 x 670 x 860
Weight (incl. packing)	kg	159
Control voltage	V	230
Supply voltage	1/N/PE~230V, 50Hz	
Starting current with soft starter	A	0
Fuse	A	20
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump for close to the wall installation	LA 6MR	350790	1		
Hydraulic accessories					
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump for close to the wall installation

Order reference: LA 8AS

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and stainless steel base frame. Diagonal airducts enable the unit to be installed close to the wall (minimum clearance of air intake: 30cm); if exposed to the elements, the air discharge must not point into the main direction of the wind; sound-optimised through use of slow-running sickle-blade axial fans; energy-efficient defrosting through cycle reversal and inclined evaporator; return sensor and outside temperature sensor are supplied with the unit, soft starter is integrated. Electric connecting cable between heat pump and heat pump controller to be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 8AS

Dimplex Air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 8AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	5,10 / 2,50
Heat output / COP at A+2/W35*	kW/-	6,60 / 3,10
Heat output / COP at A+7/W35*	kW/-	8,30 / 3,70
Heat output / COP at A+10/W35*	kW/-	8,80 / 3,80
Electrical nominal power consumption at A+2/W35	kW	2,10
Sound power level	db(A)	62
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	32
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	49
Refrigerant R404A	kg	1,90
Heating water flow rate with an int. pressure differential of	m³/h / mbar	0.8 / 2700
Dimensions (W x D x H)**	mm	750 x 650 x 1280
Weight (incl. packing)	kg	166
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	19,5
Fuse	A	16
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump for close to the wall installation	LA 8AS	342230	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Floor-mounted buffer tank (100 l)*	PSW 100	351090			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor*	WWSP 332	346610			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Combination cylinder for heating and DHW preparation	PWS 332	348620	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140	1		
6 kW immersion heater for back-up heating	CTHK 634	322150			
7.5 kW immersion heater for back-up heating	CTHK 635	322160			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump for close to the wall installation

Order reference: LA 8MR

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation, reversible refrigeration cycle for heating and cooling and built-in heat pump control. A remote control contained in the scope of delivery enables manual setting of the desired return temperature as well as external control via a higher-order control unit, energy-efficient defrosting through cycle reversal. Important assemblies of the heating cycle are already integrated into the unit: Heating circulating pump, expansion vessel, safety assembly, return and outside temperature sensor.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.

Technical data LA 8MR

Dimplex Reversible air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 8MR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 45 °C	
Heat output / COP at A+7/W35*	kW/-	7,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/-	7,00 / 2,00
Refrigerant R407C	kg	0,00
Dimensions (W x D x H)**	mm	1270 x 670 x 860
Weight (incl. packing)	kg	165
Control voltage	V	230
Supply voltage	1/N/PE~230V, 50Hz	
Starting current with soft starter	A	0
Fuse	A	20
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump for close to the wall installation	LA 8MR	350800	1		
Control line for heating/cooling heat pump manager (10 m)	EVL 10 R	342510	1		
Control line for heating/cooling heat pump manager (20 m)	EVL 20 R	342520			
Control line for heating/cooling heat pump manager (30 m)	EVL 30 R	342530			
Hydraulic accessories					
1" connecting hose (10 m)	AS 976	322180	2		
Hose nozzle for 1" / 1" connecting hose	SCHT 975-1	322250	2		
Nozzle for 1" connecting hose	TUE 430	337430	2		
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870			
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310			
Control accessories					
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Control accessories (cooling)					
Room climate control system for temperature and humidity measurement	RKS WPM	342220	1		
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on-off room temperature controller in flat switch mounting frame for flush mounting*	RTK 501 U	350960			
Extended dew point monitoring*	TPW WPM	350970			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Medium-temperature air-to-water heat pump

Order reference: LA 9PS

Installation location: Outdoors

Flow temperature max 65 °C

Casing, powder-coated

Medium-temperature air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) sound-optimised through use of slow-running sickle-blade axial fans; energy-efficient defrosting through cycle reversal; return sensor and outside temperature sensor are supplied with the unit. Electric connecting cable between heat pump and heat pump controller to be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 9PS

Dimplex Medium-temperature air-to-water heat pump (Medium temperature)

Order reference	LA 9PS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	65 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	5,60 / 2,60
Heat output / COP at A+2/W35*	kW/-	7,10 / 3,20
Heat output / COP at A+7/W35*	kW/-	8,50 / 3,60
Heat output / COP at A+10/W35*	kW/-	9,60 / 4,00
Electrical nominal power consumption at A+2/W35	kW	2,20
Sound power level	db(A)	62
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	32
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	49
Refrigerant R290	kg	1,00
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.2 / 9000
Dimensions (W x D x H)**	mm	660 x 770 x 1320
Weight (incl. packing)	kg	168
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	28
Fuse	A	16
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Medium-temperature air-to-water heat pump	LA 9PS	340000	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Built-under buffer tank (140 l) for LI 11-20*	PSP 140E	353970			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
Universal buffer tank (500 l)*	PSW 500	339210			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor*	WWSP 332	346610			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Design hot water cylinder (400 l)*	WWSP 442E	353370			
Combination cylinder for heating and DHW preparation	PWS 332	348620	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
7.5 kW immersion heater for back-up heating	CTHK 635	322160			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump for close to the wall installation

Order reference: LA 10MR

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation, with a reversible refrigeration cycle for heating and cooling and built-in heat pump control. A remote control contained in the scope of delivery enables manual setting of the desired return temperature as well as external control via a higher-order control unit, energy-efficient defrosting through cycle reversal. Important assemblies of the heating cycle are already integrated into the unit: Heating circulating pump, expansion vessel, safety assembly, return and outside temperature sensor.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.

Technical data LA 10MR

Dimplex Reversible air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 10MR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 45 °C	
Heat output / COP at A+7/W35*	kW/-	8,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/-	8,00 / 2,00
Refrigerant R407C	kg	0,00
Dimensions (W x D x H)**	mm	1270 x 670 x 860
Weight (incl. packing)	kg	170
Control voltage	V	230
Supply voltage	1/N/PE~230V, 50Hz	
Starting current with soft starter	A	0
Fuse	A	25
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump for close to the wall installation	LA 10MR	350810	1		
Hydraulic accessories					
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
DHW preparation accessories					
Combination cylinder for heating and DHW preparation*	PWS 332	348620			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection hoods

Order reference: LA 11MS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 11MS

Dimplex Air-to-water heat pump with air deflection hoods (Low temperature)

Order reference	LA 11MS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	7,60 / 2,90
Heat output / COP at A+2/W35*	kW/-	9,10 / 3,40
Heat output / COP at A+7/W35*	kW/-	10,90 / 4,10
Heat output / COP at A+10/W35*	kW/-	12,00 / 4,60
Electrical nominal power consumption at A+2/W35	kW	2,65
Sound power level	db(A)	63
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	33
Refrigerant R404A	kg	2,50
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	1360 x 850 x 1360
Weight (incl. packing)	kg	219
Control voltage	V	230
Supply voltage		1/N/PE~230V, 50Hz
Starting current with soft starter	A	38 SA
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection hoods	LA 11MS	342420	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)	AS 976	322180	2		
Hose nozzle for 1" / 1" connecting hose	SCHT 975-1	322250	2		
Nozzle for 1" connecting hose	TUE 430	337430	2		
Floor-mounted buffer tank (100 l)	PSW 100	351090	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
3 kW radiator	HCT 300	351210	1		
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430	1		
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Combination cylinder for heating and DHW preparation*	PWS 332	348620			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection hoods

Order reference: LA 11AS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 11AS

Dimplex Air-to-water heat pump with air deflection hoods (Low temperature)

Order reference	LA 11AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	7,10 / 2,90
Heat output / COP at A+2/W35*	kW/-	8,80 / 3,20
Heat output / COP at A+7/W35*	kW/-	11,30 / 3,80
Heat output / COP at A+10/W35*	kW/-	12,20 / 4,10
Electrical nominal power consumption at A+2/W35	kW	2,74
Sound power level	db(A)	63
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	33
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	50
Refrigerant R404A	kg	2,50
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	1360 x 850 x 1360
Weight (incl. packing)	kg	219
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	23
Fuse	A	16
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection hoods	LA 11AS	339950	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Heat source accessories					
Rock covering for LA 11	ROCK 136	354040			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Floor-mounted buffer tank (100 l)*	PSW 100	351090			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
Universal buffer tank (500 l)*	PSW 500	339210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor*	WWSP 332	346610			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Combination cylinder for heating and DHW preparation	PWS 332	348620	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
7.5 kW immersion heater for back-up heating	CTHK 635	322160			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump with additional heat exchanger

Order reference: LA 11ASR

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and reversible refrigeration cycle for heating and cooling. An additional heat exchanger increases the hot water temperature in the heating mode and uses the waste heat generated in the cooling mode; sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable EVL..R between heat pump and heat pump controller must be ordered separately.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.

Technical data LA 11ASR

Dimplex Reversible air-to-water heat pump with additional heat exchanger (Low temperature)

Order reference	LA 11ASR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 40 °C	
Heat output / COP at A-7/W35*	kW/-	7,10 / 2,90
Heat output / COP at A+2/W35*	kW/-	8,80 / 3,20
Heat output / COP at A+7/W35*	kW/-	11,30 / 3,80
Heat output / COP at A+10/W35*	kW/-	12,20 / 4,10
Cooling capacity / COP at A+27/W18*	kW/-	10,90 / 3,30
Cooling capacity / COP at A+35/W8*	kW/-	7,80 / 2,20
Electrical nominal power consumption at A+2/W35	kW	2,00
Sound power level	db(A)	63
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	33
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	50
Refrigerant R404A	kg	5,90
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	1360 x 850 x 1360
Weight (incl. packing)	kg	241
Control voltage	V	230
Supply voltage	3/PE~400V, 50 Hz	
Starting current with soft starter	A	23
Fuse	A	16
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump with additional heat exchanger	LA 11ASR	342730	1		
Control line for heating/cooling heat pump manager (10 m)	EVL 10 R	342510	1		
Control line for heating/cooling heat pump manager (20 m)	EVL 20 R	342520			
Control line for heating/cooling heat pump manager (30 m)	EVL 30 R	342530			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Control accessories					
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Control accessories (cooling)					
Room climate control system for temperature and humidity measurement	RKS WPM	342220	1		
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on/off room temperature controller in flat switch mounting frame for flush mounting*	RTK 501 U	350960			
Extended dew point monitoring*	TPW WPM	350970			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Notes:

Room climate control station and mixer module enable silent cooling via panel heating systems.

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection hoods

Order reference: LA 11MS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 11MS

Dimplex Air-to-water heat pump with air deflection hoods (Low temperature)

Order reference	LA 11MS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	7,60 / 2,90
Heat output / COP at A+2/W35*	kW/-	9,10 / 3,40
Heat output / COP at A+7/W35*	kW/-	10,90 / 4,10
Heat output / COP at A+10/W35*	kW/-	12,00 / 4,60
Electrical nominal power consumption at A+2/W35	kW	2,65
Sound power level	db(A)	63
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	33
Refrigerant R404A	kg	2,50
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	1360 x 850 x 1360
Weight (incl. packing)	kg	219
Control voltage	V	230
Supply voltage		1/N/PE~230V, 50Hz
Starting current with soft starter	A	38 SA
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection hoods	LA 11MS	342420	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)	AS 976	322180	2		
Hose nozzle for 1" / 1" connecting hose	SCHT 975-1	322250	2		
Nozzle for 1" connecting hose	TUE 430	337430	2		
Floor-mounted buffer tank (100 l)	PSW 100	351090	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
3 kW radiator	HCT 300	351210	1		
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430	1		
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Combination cylinder for heating and DHW preparation*	PWS 332	348620			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump with air deflection hoods

Order reference: LA 11MSR

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and reversible refrigeration cycle for heating and cooling. Sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable EVL..R between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 11MSR

Dimplex Reversible air-to-water heat pump with air deflection hoods (Low temperature)

Order reference	LA 11MSR	
Set-up / Colour	Outdoors / White	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 40 °C	
Heat output / COP at A-7/W35*	kW/-	7,50 / 2,00
Heat output / COP at A+2/W35*	kW/-	8,90 / 3,00
Heat output / COP at A+10/W35*	kW/-	12,10 / 4,00
Cooling capacity / COP at A+27/W18*	kW/-	10,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/-	7,00 / 2,00
Electrical nominal power consumption at A+2/W35	kW	2,00
Sound power level	db(A)	67
Refrigerant R404A	kg	3,60
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	1360 x 850 x 1360
Weight (incl. packing)	kg	224
Control voltage	V	230
Supply voltage	1/N/PE~230V, 50Hz	
Starting current with soft starter	A	38
Fuse	A	25
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump with air deflection hoods	LA 11MSR	342690	1		
Hydraulic accessories					
Dual differential pressureless manifold*	DDV 32	348450			
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Combination cylinder for heating and DHW preparation*	PWS 332	348620			
Control accessories					
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Control accessories (cooling)					
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Medium-temperature air-to-water heat pumps

Order reference: LA 11PS

Installation location: Outdoors

Flow temperature max 65 °C

Casing, powder-coated

Medium-temperature air-to-water heat pumps for outside installation with external temperature controlled WPM 2006 plus heat pump manager; sound-optimised through the use of low-noise crescent wing axial-flow fans and air deflection covers; stainless steel base frame; energy-efficient hot gas defrosting. Integrated soft starter; return flow sensor and external temperature sensor included in the scope of supply.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 11PS

Dimplex Medium-temperature air-to-water heat pumps (Medium temperature)

Order reference	LA 11PS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	65 °C / -25 °C	
Temperature operating limits air	-25 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	6,70 / 2,40
Heat output / COP at A+2/W35*	kW/-	9,20 / 3,10
Heat output / COP at A+7/W35*	kW/-	11,50 / 3,80
Heat output / COP at A+10/W35*	kW/-	12,50 / 4,10
Electrical nominal power consumption at A+2/W35	kW	2,98
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	34
Refrigerant R290	kg	1,50
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.1 / 2600
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	259
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	30
Fuse	A	16
Defrosting / type of defrosting		
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Medium-temperature air-to-water heat pumps	LA 11PS	353320	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070			
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Combination cylinder for heating and DHW preparation*	PWS 332	348620			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump for close to the wall installation

Order reference: LA 12TR

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation, reversible refrigeration cycle for heating and cooling and built-in heat pump control. A remote control contained in the scope of delivery enables manual setting of the desired return temperature as well as external control via a higher-order control unit, energy-efficient defrosting through cycle reversal. Important assemblies of the heating cycle are already integrated into the unit: Heating circulating pump, expansion vessel, safety assembly, return and outside temperature sensor.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.

Technical data LA 12TR

Dimplex Reversible air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 12TR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 45 °C	
Heat output / COP at A+7/W35*	kW/-	10,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/-	10,00 / 2,00
Refrigerant R407C	kg	0,00
Dimensions (W x D x H)**	mm	1270 x 670 x 860
Weight (incl. packing)	kg	185
Control voltage	V	230
Supply voltage	3/PE~400V, 50 Hz	
Starting current with soft starter	A	0
Fuse	A	16
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump for close to the wall installation	LA 12TR	350820	1		
Hydraulic accessories					
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection covers

Order reference: LA 16MS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outside installation with outside temperature controlled heat pump manager; sound-optimised through the use of low-noise crescent wing axial-flow fans and air deflection covers; stainless steel base frame; energy-efficient defrosting by reverse circulation and inclined evaporator. Return flow sensor and external temperature sensor included in the scope of supply, integrated soft starter. Electric cable connecting heat pump and heat pump manager must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 16MS

Dimplex Air-to-water heat pump with air deflection covers (Low temperature)

Order reference	LA 16MS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	9,80 / 2,60
Heat output / COP at A+2/W35*	kW/-	12,70 / 3,20
Heat output / COP at A+7/W35*	kW/-	15,40 / 3,70
Heat output / COP at A+10/W35*	kW/-	16,10 / 3,80
Electrical nominal power consumption at A+2/W35	kW	3,95
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	34
Refrigerant R404A	kg	3,10
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 4500
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	264
Control voltage	V	230
Supply voltage		1/N/PE~230V, 50Hz
Starting current with soft starter	A	45 SA
Fuse	A	32
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection covers	LA 16MS	351270	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)	AS 976	322180	2		
Hose nozzle for 1" / 1" connecting hose	SCHT 975-1	322250			
Nozzle for 1" connecting hose	TUE 430	337430			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump for close to the wall installation

Order reference: LA 16TR

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation, reversible refrigeration cycle for heating and cooling and built-in heat pump control. A remote control contained in the scope of delivery enables manual setting of the desired return temperature as well as external control via a higher-order control unit, energy-efficient defrosting through cycle reversal. Important assemblies of the heating cycle are already integrated into the unit: Heating circulating pump, expansion vessel, safety assembly, return and outside temperature sensor.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.

Technical data LA 16TR

Dimplex Reversible air-to-water heat pump for close to the wall installation (Low temperature)

Order reference	LA 16TR
Set-up / Colour	Outdoors / White aluminium
Temperature operating limits for heating water / Air	55 °C / -20 °C
Temperature operating limits air	-20 °C to 35 °C
Temperature operating limits for cooling	15 °C / 45 °C
Heat output / COP at A+7/W35*	kW/- 13,00 / 3,00
Cooling capacity / COP at A+35/W8*	kW/- 12,00 / 2,00
Refrigerant R407C	kg 0,00
Dimensions (W x D x H)**	mm 1270 x 670 x 860
Weight (incl. packing)	kg 196
Control voltage	V 230
Supply voltage	3/PE~400V, 50 Hz
Starting current with soft starter	A 0
Fuse	A 16
Defrosting / type of defrosting	Reverse cycle
Device connections for heating	1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump for close to the wall installation	LA 16TR	350830	1		
Hydraulic accessories					
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection hoods

Order reference: LA 16AS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 16AS

Dimplex Air-to-water heat pump with air deflection hoods (Low temperature)

Order reference	LA 16AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	9,80 / 2,60
Heat output / COP at A+2/W35*	kW/-	12,20 / 3,20
Heat output / COP at A+7/W35*	kW/-	15,40 / 3,70
Heat output / COP at A+10/W35*	kW/-	16,10 / 3,80
Electrical nominal power consumption at A+2/W35	kW	3,00
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	34
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	51
Refrigerant R404A	kg	3,10
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.4 / 4500
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	264
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	25
Fuse	A	20
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection hoods	LA 16AS	339960	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Heat source accessories					
Rock covering for LA 11	ROCK 136	354040			
Hydraulic accessories					
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Reversible air-to-water heat pump with additional heat exchanger

Order reference: LA 16ASR

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and reversible refrigeration cycle for heating and cooling. An additional heat exchanger increases the hot water temperature in the heating mode and uses the waste heat generated in the cooling mode; sound-optimized through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor supplied with the unit, soft starter is integrated. Electric connecting cable EVL..R between heat pump and heat pump controller must be ordered separately.



The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.

Technical data LA 16ASR

Dimplex Reversible air-to-water heat pump with additional heat exchanger (Low temperature)

Order reference	LA 16ASR	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Temperature operating limits for cooling	15 °C / 40 °C	
Heat output / COP at A-7/W35*	kW/-	10,60 / 3,00
Heat output / COP at A+2/W35*	kW/-	12,80 / 3,40
Heat output / COP at A+7/W35*	kW/-	15,10 / 3,80
Heat output / COP at A+10/W35*	kW/-	16,70 / 4,10
Cooling capacity / COP at A+27/W18*	kW/-	16,40 / 2,80
Cooling capacity / COP at A+35/W8*	kW/-	11,10 / 2,10
Electrical nominal power consumption at A+2/W35	kW	3,00
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	34
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	51
Refrigerant R404A	kg	5,70
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.4 / 4500
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	289
Control voltage	V	230
Supply voltage	3/PE~400V, 50 Hz	
Starting current with soft starter	A	25
Fuse	A	20
Defrosting / type of defrosting	Reverse cycle	
Device connections for heating	1"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Reversible air-to-water heat pump with additional heat exchanger	LA 16ASR	340090	1		
Control line for heating/cooling heat pump manager (10 m)	EVL 10 R	342510	1		
Control line for heating/cooling heat pump manager (20 m)	EVL 20 R	342520			
Control line for heating/cooling heat pump manager (30 m)	EVL 30 R	342530			
Hydraulic accessories					
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140	2		
6 kW immersion heater for back-up heating	CTHK 634	322150			
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat*	HL 16C	351740			
Fan convector for heating/cooling with integrated thermostat*	HL 26C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with external thermostat*	HL 11SK	351770			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Control accessories (cooling)					
Room climate control system for temperature and humidity measurement	RKS WPM	342220	1		
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on/off room temperature controller in flat switch mounting frame for flush mounting*	RTK 501 U	350960			
Extended dew point monitoring*	TPW WPM	350970			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Notes:

Room climate control station and mixer module enable silent cooling via panel heating systems.

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with air deflection covers

Order reference: LA 16MS

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outside installation with outside temperature controlled heat pump manager; sound-optimised through the use of low-noise crescent wing axial-flow fans and air deflection covers; stainless steel base frame; energy-efficient defrosting by reverse circulation and inclined evaporator. Return flow sensor and external temperature sensor included in the scope of supply, integrated soft starter. Electric cable connecting heat pump and heat pump manager must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 16MS

Dimplex Air-to-water heat pump with air deflection covers (Low temperature)

Order reference	LA 16MS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	9,80 / 2,60
Heat output / COP at A+2/W35*	kW/-	12,70 / 3,20
Heat output / COP at A+7/W35*	kW/-	15,40 / 3,70
Heat output / COP at A+10/W35*	kW/-	16,10 / 3,80
Electrical nominal power consumption at A+2/W35	kW	3,95
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	34
Refrigerant R404A	kg	3,10
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.0 / 4500
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	264
Control voltage	V	230
Supply voltage		1/N/PE~230V, 50Hz
Starting current with soft starter	A	45 SA
Fuse	A	32
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with air deflection covers	LA 16MS	351270	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)	AS 976	322180	2		
Hose nozzle for 1" / 1" connecting hose	SCHT 975-1	322250			
Nozzle for 1" connecting hose	TUE 430	337430			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
3 kW radiator	HCT 300	351210			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Medium-temperature air-to-water heat pumps with two performance levels

Order reference: LA 17PS

Installation location: Outdoors

Flow temperature max 65 °C

Casing, powder-coated

Medium-temperature air-to-water heat pumps for outside installation with external temperature controlled WPM 2006 plus heat pump manager and two compressors for flexible capacity; sound-optimised through the use of low-noise crescent wing axial-flow fans and air deflection covers; stainless steel base frame; energy-efficient hot gas defrosting. Integrated soft starter; return flow sensor and external temperature sensor included in the scope of supply.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 17PS

Dimplex Medium-temperature air-to-water heat pumps with two performance levels (Medium temperature)

Order reference		LA 17PS
Set-up / Colour		Outdoors / White aluminium
Temperature operating limits for heating water / Air		65 °C / -25 °C
Temperature operating limits air		-25 °C to 35 °C
Heat output / COP at A-7/W35*	kW/-	1 compressors: 6,70 / 2,50 2 compressors: 11,40 / 2,60
Heat output / COP at A+2/W35*	kW/-	1 compressors: 8,70 / 3,20 2 compressors: 14,50 / 3,20
Heat output / COP at A+7/W35*	kW/-	1 compressors: 10,10 / 3,60 2 compressors: 17,30 / 3,50
Heat output / COP at A+10/W35*	kW/-	1 compressors: 12,00 / 4,30 2 compressors: 19,80 / 3,90
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	37
Refrigerant R290	kg	0,00
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	330
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Medium-temperature air-to-water heat pumps with two performance levels	LA 17PS	353330	1		
Heat pump manager control line (10 m)	EVL 996-1	321990	1		
Heat pump manager control line (20m)	EVL 997-1	322000			
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1" connecting hose (10 m)*	AS 976	322180			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140	1		
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070			
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with two capacities

Order reference: LA 20AS

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and two compressors for flexible adaptation of the output to individual requirements; stainless steel base frame; sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor are supplied with the unit; soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 20AS

Dimplex Air-to-water heat pump with two capacities (Low temperature)

Order reference	LA 20AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	1 compressors: 7,00 / 2,50 2 compressors: 12,40 / 2,70
Heat output / COP at A+2/W35*	kW/-	1 compressors: 9,30 / 3,10 2 compressors: 14,90 / 3,00
Heat output / COP at A+7/W35*	kW/-	1 compressors: 9,80 / 3,20 2 compressors: 16,60 / 3,10
Heat output / COP at A+10/W35*	kW/-	1 compressors: 10,30 / 3,30 2 compressors: 17,80 / 3,30
Electrical nominal power consumption at A+2/W35	kW	4,90
Sound power level	db(A)	64
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	37
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A	kg	3,70
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.8 / 6500
Dimensions (W x D x H)**	mm	1550 x 850 x 1570
Weight (incl. packing)	kg	284
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	23
Fuse	A	20
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with two capacities	LA 20AS	339970	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Heat source accessories					
Rock covering for LA 11	ROCK 136	354040			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	2		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

High-temperature air-to-water heat pump

Order reference: LA 22HS

Installation location: Outdoors

Flow temperature max 75 °C

Casing, powder-coated

High-temperature air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator; soft starter is integrated, return and outside temperature sensors are supplied with the unit. For hot water production in the summer, a flow temperature of 60°C is available. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 22HS

Dimplex High-temperature air-to-water heat pump (High temperature)

Order reference	LA 22HS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	75 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	11,00 / 2,60
Heat output / COP at A+2/W35*	kW/-	13,60 / 3,10
Heat output / COP at A+7/W35*	kW/-	15,40 / 3,40
Heat output / COP at A+10/W35*	kW/-	16,50 / 3,50
Electrical nominal power consumption at A+2/W35	kW	4,00
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A / R134a	kg	3,30
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.8 / 3000
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	411
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	25
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
High-temperature air-to-water heat pump	LA 22HS	340120	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140	1		
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310			
Differential pressureless manifold extension module	EB KPV	348650	1		
Dual differential pressureless manifold*	DDV 32	348450			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Medium-temperature air-to-water heat pump with two capacities

Order reference: LA 22PS

Installation location: Outdoors
 Flow temperature max 65 °C
 Casing, powder-coated

Medium-temperature air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and two compressors for flexible adaptation of the output to individual requirements; sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-optimised hot gas defrosting. Soft starter is integrated, return sensor and outside temperature sensor are supplied with the unit. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 22PS

Dimplex Medium-temperature air-to-water heat pump with two capacities (Medium temperature)

Order reference	LA 22PS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	65 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	1 compressors: 7,70 / 2,40 2 compressors: 13,60 / 2,60
Heat output / COP at A+2/W35*	kW/-	1 compressors: 10,60 / 3,00 2 compressors: 16,70 / 3,10
Heat output / COP at A+7/W35*	kW/-	1 compressors: 12,60 / 3,80 2 compressors: 22,00 / 3,80
Heat output / COP at A+10/W35*	kW/-	1 compressors: 13,70 / 4,20 2 compressors: 23,40 / 4,00
Electrical nominal power consumption at A+2/W35	kW	5,00
Sound power level	db(A)	68
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R290	kg	2,20
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	2.0 / 4500
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	360
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	25
Fuse	A	20
Defrosting / type of defrosting		
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Medium-temperature air-to-water heat pump with two capacities	LA 22PS	348420	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	2		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (300 l) with temperature sensor	WWSP 332	346610	1		
Hot water connection set for compact brine heat pump	VSW KS	343120			
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (400 l) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with two capacities

Order reference: LA 24AS

Installation location: Outdoors
 Flow temperature max 55 °C
 Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and two compressors for flexible adaptation of the output to individual requirements; stainless steel base frame; sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor are supplied with the unit; soft starter is integrated. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 24AS

Dimplex Air-to-water heat pump with two capacities (Low temperature)

Order reference	LA 24AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	1 compressors: 8,90 / 2,60 2 compressors: 16,10 / 2,70
Heat output / COP at A+2/W35*	kW/-	1 compressors: 10,90 / 3,00 2 compressors: 19,20 / 3,20
Heat output / COP at A+7/W35*	kW/-	1 compressors: 13,10 / 3,40 2 compressors: 24,80 / 3,60
Heat output / COP at A+10/W35*	kW/-	1 compressors: 14,10 / 3,50 2 compressors: 26,60 / 3,80
Electrical nominal power consumption at A+2/W35	kW	6,10
Sound power level	db(A)	68
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A	kg	4,20
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	2.3 / 5900
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	351
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	24
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with two capacities	LA 24AS	339980	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	2		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve*	KPV 25	346590			
Dual differential pressureless manifold	DDV 32	348450	1		
Circulating pump for DDV 32	UP 70-32	354020	1		
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870			
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

High-temperature air-to-water heat pump

Order reference: LA 26HS

Installation location: Outdoors
 Flow temperature max 75 °C
 Casing, powder-coated

High-temperature air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager); sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-efficient defrosting through cycle reversal and inclined evaporator. Soft starter is integrated, return sensor and outside temperature sensor are supplied with the unit. For hot water production in the summer, a flow temperature of 60°C is available. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 26HS

Dimplex High-temperature air-to-water heat pump (High temperature)		LA 26HS
Order reference		LA 26HS
Set-up / Colour		Outdoors / White aluminium
Temperature operating limits for heating water / Air		75 °C / -20 °C
Temperature operating limits air		-20 °C to 35 °C
Heat output / COP at A-7/W35*	kW/-	13,00 / 2,80
Heat output / COP at A+2/W35*	kW/-	15,90 / 3,20
Heat output / COP at A+7/W35*	kW/-	19,80 / 3,80
Heat output / COP at A+10/W35*	kW/-	20,40 / 3,90
Electrical nominal power consumption at A+2/W35	kW	5,00
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A / R134a	kg	3,70
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	1.8 / 3000
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	418
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	30
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
High-temperature air-to-water heat pump	LA 26HS	340130	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140	1		
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650			
Circulating pump for main heat pump circuit	UP 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (500 l) with temperature sensor	WWSP 900	339220	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Medium-temperature air-to-water heat pump with two capacities

Order reference: LA 26PS

Installation location: Outdoors
 Flow temperature max 65 °C
 Casing, powder-coated

Medium-temperature air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and two compressors for flexible adaptation of the output to individual requirements; sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; stainless steel base frame; energy-optimised hot gas defrosting. Soft starter is integrated, return sensor and outside temperature sensor are supplied with the unit. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies.



Technical data LA 26PS

Dimplex Medium-temperature air-to-water heat pump with two capacities (Medium temperature)

Order reference	LA 26PS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	65 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	1 compressors: 8,70 / 2,40 2 compressors: 14,40 / 2,60
Heat output / COP at A+2/W35*	kW/-	1 compressors: 11,70 / 3,00 2 compressors: 18,80 / 3,00
Heat output / COP at A+7/W35*	kW/-	1 compressors: 13,70 / 3,60 2 compressors: 24,00 / 3,70
Heat output / COP at A+10/W35*	kW/-	1 compressors: 15,00 / 4,10 2 compressors: 26,20 / 4,00
Electrical nominal power consumption at A+2/W35	kW	6,20
Sound power level	db(A)	68
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Refrigerant R290	kg	2,50
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	2.0 / 100
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	371
Control voltage	V	230
Supply voltage	3/PE~400V, 50 Hz	
Starting current with soft starter	A	30
Fuse	A	25
Defrosting / type of defrosting		
Device connections for heating	1 1/4"	

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Medium-temperature air-to-water heat pump with two capacities	LA 26PS	351890	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	2		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve	KPV 25	346590	1		
Differential pressureless manifold extension module	EB KPV	348650	1		
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310			
Dual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits				
Mixed heating circuit with temperature sensor*	MMH 25	348640			
Mixer module for bivalent systems	MMB 25	348880			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870	1		
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.

Air-to-water heat pump with two capacities

Order reference: LA 28AS

Installation location: Outdoors

Flow temperature max 55 °C

Casing, powder-coated

Air-to-water heat pump for outdoor installation with outside temperature controlled heat pump controller (manager) and two compressors for flexible adaptation of the output to individual requirements; stainless steel base frame; sound-optimised through use of low-noise sickle-blade axial fans and air deflection hoods; energy-efficient defrosting through cycle reversal and inclined evaporator. Return sensor and outside temperature sensor are supplied with the unit. Electronic soft starter for start-up currents up to max. 30A is integrated as standard. Electric connecting cable between heat pump and heat pump controller must be ordered separately.

The heat pump complies with the valid standards and safety regulations as well as the Technical Specifications for Electrical Installations (TAB) of the electrical utility companies and is VDE certified.



Technical data LA 28AS

Dimplex Air-to-water heat pump with two capacities (Low temperature)

Order reference	LA 28AS	
Set-up / Colour	Outdoors / White aluminium	
Temperature operating limits for heating water / Air	55 °C / -20 °C	
Temperature operating limits air	-20 °C to 35 °C	
Heat output / COP at A-7/W35*	kW/-	1 compressors: 9,90 / 2,40 2 compressors: 19,10 / 2,70
Heat output / COP at A+2/W35*	kW/-	1 compressors: 12,80 / 3,00 2 compressors: 22,30 / 3,00
Heat output / COP at A+7/W35*	kW/-	1 compressors: 14,20 / 3,10 2 compressors: 25,80 / 3,40
Heat output / COP at A+10/W35*	kW/-	1 compressors: 14,70 / 3,10 2 compressors: 29,10 / 3,60
Electrical nominal power consumption at A+2/W35	kW	7,40
Sound power level	db(A)	68
Sound pressure level at a distance of 10 m (air outlet side)	db(A)	41
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A	kg	4,20
Heating water flow rate with an int. pressure differential of	m ³ /h / mbar	2.3 / 5900
Dimensions (W x D x H)**	mm	1680 x 1000 x 1710
Weight (incl. packing)	kg	355
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	A	25
Fuse	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

* The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

** Please note that additional space is required for pipe connections, operation and maintenance.

Description	Order ref.	Article number	Sample item	Item	Price
Heat pumps					
Air-to-water heat pump with two capacities	LA 28AS	339990	1		
Heat pump manager control line (10 m)	EVL 996-1	321990			
Heat pump manager control line (20m)	EVL 997-1	322000	1		
Heat pump manager control line (30m)	EVL 998-1	322010			
Hydraulic accessories					
1 1/4" connecting hose (10 m)*	AS 976-1	330530			
Floor-mounted buffer tank (200 l)	PSW 200	339830	1		
2 kW immersion heater for back-up heating	CTHK 631	336180			
2.9 kW immersion heater for back-up heating	CTHK 632	335910			
4.5 kW immersion heater for back-up heating	CTHK 633	322140			
6 kW immersion heater for back-up heating	CTHK 634	322150	2		
Universal buffer tank (500 l)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Compact manifold with overflow valve*	KPV 25	346590			
Dual differential pressureless manifold	DDV 32	348450	1		
Circulating pump for DDV 32	UP 70-32	354020	1		
Manifold bar for connecting two heating circuits	VTB 25	339870			
Unmixed heating circuit module*	WWM 25	346600			
Mixed heating circuit with temperature sensor	MMH 25	348640	1		
Circulating pump depending on heating system pressure drop	bauseits				
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
Fan convector for heating/cooling with external thermostat*	HL 26SK	351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (400 l) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060			
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070	1		
Flange heater for hot water cylinder 230 V/2.5 kW	FLH 25M	349430			
Safety valve combination	SVK 852	326660			
Solar station for hot water	SST 25	348430			
Hot water cylinder (500 l) with temperature sensor*	WWSP 900	339220			
Manifold bar for KPV 25 and HHM 25 connection	VTB 25	339870			
Hot water module	WWM 25	346600	1		
Circulating pump for main heat pump circuit	UP 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with central flow*	PWD 750	349100			
Control accessories					
External temperature sensor with casing	FG 3115	336620			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control*	FWPM 470	337470			
Remote diagnostics hardware package*	RDS	353790			
Remote diagnostics hardware package (serial)*	LDS	353770			
Remote diagnostics hardware package (USB)*	LDS USB	353780			
Thermostat for heating and domestic hot water	KRRV 003	322070			
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.