

Compact air heat pump with 90° air hose deflection

Order reference: LIK 8ME Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit with 90° deflection enables direct corner installation without air ducts, or wall installation with air ducts at the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Compact design with optimal DHW preparation and integrated components for easy connection of an unmixed heating circuit: - Expansion vessel (24 I) - Heat circulating pump (free compression 45,000 Pa) - Overflow valve and safety components - Buffer tank (50 I) - Supplementary electric heating, 2 kW (must not be used for bivalent systems). Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) and 3 flexible connecting hoses (1", 500 mm) 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 LIK 8ME

Dimplex Compact air heat pump with 90° air hose deflection (Low temperature)					
Order reference		LIK 8ME			
Set-up / Colour		Indoors / White			
Temperature operating limits for heating water / Air		58 °C / -25 °C			
Temperature operating limits air		-25 °C to 35 °C			
Heat output / COP at A-7/W35*	kW/-	5,80 / 2,70			
Heat output / COP at A+2/W35*	kW/-	7,50 / 3,30			
Heat output / COP at A+7/W35*	kW/-	9,30 / 3,90			
Heat output / COP at A+10/W35*	kW/-	9,80 / 4,10			
Electrical nominal power consumption at A+2/W35	kW	2,30			
Sound power level	db(A)	53			
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	48			
Refrigerant R404A	kg	2,00			
flow rate (heat source) at ext. pressure differential	m³/h / Pa	20.0 / 2500			
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 675 x 1900			
Weight (incl. packing)	kg	245			
Control voltage	V	230			
Supply voltage		1/N/PE~230V, 50Hz			
Starting current with soft starter	Α	30 SA			
Fuse	Α	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.

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

System accessories LIK 8ME



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Compact air heat pump with 90° air hose deflection	LIK 8ME	352750	1		
Elasticated sound insulation underlay strips	SYL 250	352260	1		
Heat source accessories					
Long air duct	LKL 500	339710			
Short air duct	LKK 500	339720	1		
90° air duct bend	LKB 500	339730	1		
Tool kit	VSK 500	341200			
Sealing collar for air intake or air outlet	DMK 500	340260	1		
Heat pump rain guard	RSG 500	340220	1		
Hydraulic accessories					
3 kW radiator	HCT 300	351210			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351780			
DHW preparation accessories					
Hot water cylinder (300 I) 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 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					
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

Notes:

The recommended components for the air circuit are based on wall installation with the air intake via a light well and the air outlet above ground level. Further types of installation can be found in the project planning documentation.

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.

Phone: +49 (0)9221 709-201 Fax: +49 (0)9221 709-339



Compact air heat pump with 90° air hose deflection

Order reference: LIK 8MER

Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating and cooling for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as wired remote control using a wall-mounting kit (special accessory). The integrated air circuit with 90° deflection enables direct corner installation without air ducts, or wall installation with air ducts at the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Compact design with optimal DHW preparation and integrated components for easy connection with fan connectors: - Expansion vessel (24 I) - Heat circulating pump (free compression 45,000 Pa) - Overflow valve and safety components - Buffer tank (50 I) - Supplementary electric heating, 2 kW (must not be used for bivalent systems). Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) and 3 flexible connecting hoses (1", 500 mm) 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 LIK 8MER

cher referenceup / Colour Imperature operating limits for heating water / Air Imperature operating limits air Imperature operating limits for cooling It output / COP at A-7/W35* It output / COP at A+2/W35* It output / COP at A+10/W35* It output / COP at A+10/W35* It output / COP at A+27/W18* It output / COP at A+27/W18* It output / COP at A+35/W8* It output / COP at A+27/W18* It output / COP at A+2	Dimplex Compact air heat pump with 90° air hose deflection (Low temperature)					
Inperature operating limits for heating water / Air Inperature operating limits air Inperature operating limits for cooling It output / COP at A-7/W35* It output / COP at A+2/W35* It output / COP at A+2/W35* It output / COP at A+10/W35* It output / COP at A+27/W18* It output / COP at A+27/W18* It output / COP at A+35/W8* It output / COP at A+27/W18* It output / COP at A+27/W1	LIK 8MER					
Inperature operating limits air Inperature operating limits for cooling It output / COP at A-7/W35* It output / COP at A+2/W35* It output / COP at A+2/W35* It output / COP at A+10/W35* It output / COP at A+27/W18* It output / COP at A+35/W8* It output / COP at A+27/W18* It output / CO	Indoors / White					
Inperature operating limits for cooling at output / COP at A-7/W35* kW/- at output / COP at A+2/W35* kW/- at output / COP at A+10/W35* kW/- at output / COP at A+10/W35* kW/- bling capacity / COP at A+27/W18* kW/- bling capacity / COP at A+35/W8* kW/- ctrical nominal power consumption at A+2/W35 kW and power level db(A) and pressure level at a distance of 1 m (air outlet db(A) e) rigerant R404A kg arate (heat source) at ext. pressure differential m³/h / Pa atting water flow rate with an int. pressure m³/h / mbar erential of nensions (W x D x H)** mm sight (incl. packing) kg ontrol voltage	58 °C / -25 °C					
at output / COP at A-7/W35* at output / COP at A+2/W35* at output / COP at A+2/W35* at output / COP at A+10/W35* bling capacity / COP at A+27/W18* ctrical nominal power consumption at A+2/W35 and power level db(A) and pressure level at a distance of 1 m (air outlet db(A) e) rigerant R404A kg rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar genetial of nensions (W x D x H)** mm ight (incl. packing) kW/-	-25 °C to 35 °C					
at output / COP at A+2/W35* At output / COP at A+10/W35* At output / COP at A+10/W35* At output / COP at A+27/W18* At output / COP at A+27/W18* At output / COP at A+27/W18* At output / COP at A+35/W8* At output / COP at A+27/W18* At output / COP at A+2/W35 At output / COP	15 °C / 40 °C					
at output / COP at A+10/W35* At output / COP at A+27/W18* At output / COP at A+27/W18* At output / COP at A+27/W18* At output / COP at A+35/W8* At output / COP at A+35/W8* At output COP at A+27/W18* At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and but) At output COP at at a distance of 1 m (air outlet and	5,80 / 2,00					
bling capacity / COP at A+27/W18* kW/- bling capacity / COP at A+35/W8* kW/- ctrical nominal power consumption at A+2/W35 kW and power level db(A) and pressure level at a distance of 1 m (air outlet db(A) e) rigerant R404A kg rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of nensions (W x D x H)** mm sight (incl. packing) kg poply voltage	7,50 / 3,00					
bling capacity / COP at A+35/W8* kW/- ctrical nominal power consumption at A+2/W35 kW und power level db(A) und pressure level at a distance of 1 m (air outlet db(A) e) rigerant R404A kg v rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of nensions (W x D x H)** mm ight (incl. packing) kg only voltage	9,80 / 4,00					
ctrical nominal power consumption at A+2/W35 kW und power level db(A) und pressure level at a distance of 1 m (air outlet db(A) e) rigerant R404A kg v rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of nensions (W x D x H)** mm ight (incl. packing) kg poply voltage	9,00 / 3,00					
and power level db(A) and pressure level at a distance of 1 m (air outlet db(A) b) rigerant R404A kg rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of hensions (W x D x H)** mm hight (incl. packing) kg hoply voltage	7,00 / 2,00					
and pressure level at a distance of 1 m (air outlet db(A) p) rigerant R404A kg rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of hensions (W x D x H)** mm ight (incl. packing) kg poly voltage	2,00					
rigerant R404A kg v rate (heat source) at ext. pressure differential m³/h / Pa atring water flow rate with an int. pressure m³/h / mbar erential of hensions (W x D x H)** mm ight (incl. packing) kg oply voltage	53					
v rate (heat source) at ext. pressure differential m³/h / Pa ating water flow rate with an int. pressure m³/h / mbar erential of hensions (W x D x H)** mm ight (incl. packing) kg htrol voltage V	48					
ating water flow rate with an int. pressure m³/h / mbar erential of mensions (W x D x H)** mm ight (incl. packing) kg attrol voltage V oply voltage	3,30					
erential of enensions (W x D x H)** mm eight (incl. packing) kg entrol voltage V exply voltage	20.0 / 2500					
ight (incl. packing) kg htrol voltage V oply voltage	0.8 / 2700					
ortrol voltage V voltage	750 x 675 x 1900					
pply voltage	250					
. ,	230					
rting current with soft starter	1/N/PE~230V, 50Hz					
tang carron war con carror	30					
e A	20					
rosting / type of defrosting	Reverse cycle					
vice 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.

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

System accessories LIK 8MER



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Compact air heat pump with 90° air hose deflection	LIK 8MER	352790	1		
Elasticated sound insulation underlay strips	SYL 250	352260	1		
Heat source accessories					
Long air duct	LKL 500	339710			
Short air duct	LKK 500	339720	1		
90° air duct bend	LKB 500	339730	1		
Tool kit	VSK 500	341200			
Sealing collar for air intake or air outlet	DMK 500	340260	1		
Heat pump rain guard	RSG 500	340220	1		
Hydraulic accessories					
3 kW radiator	HCT 300	351210			
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 I) 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 I) 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					
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			
Control accessories (cooling)					
Heating/cooling on/off room temperature controller*	RTK 501	343080			
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:

The recommended components for the air circuit are based on wall installation with air intake via a light well and air outlet above ground level. Further types of installation can be found in the project planning documentation.

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.

Phone: +49 (0)9221 709-201 Fax: +49 (0)9221 709-339



Air-to-water heat pump with 90° air hose deflection

Order reference: LI 9TE
Installation location: Indoors
Flow temperature max 58 °C
Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can be used also as wired remote control using a wall-mounting kit (special accessory). The integrated air circuit with 90° deflection enables direct installation in corners without air ducts or on walls with air ducts at the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with optional DHW preparation and the possibility of flexible expansion for:

- Bivalent or bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated switchable supplementary heating (2/4/6 kW), soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 9TE

Order reference		LI 9TE
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °C to 35 °C
Heat output / COP at A-7/W35*	kW/-	5,80 / 2,70
Heat output / COP at A+2/W35*	kW/-	7,50 / 3,30
Heat output / COP at A+7/W35*	kW/-	9,30 / 3,90
Heat output / COP at A+10/W35*	kW/-	9,80 / 4,10
Electrical nominal power consumption at A+2/W35	kW	2,30
Sound power level	db(A)	53
Sound pressure level at a distance of 1 m (air outlet	db(A)	48
side) Refrigerant R404A	kg	1,90
flow rate (heat source) at ext. pressure differential	m³/h / Pa	20.0 / 2500
Heating water flow rate with an int. pressure	m³/h / mbar	0.8 / 2700
differential of	mym / mbar	0.872700
Dimensions (W x D x H)**	mm	750 x 650 x 1250
Weight (incl. packing)	kg	177
Control voltage	V	230
Supply voltage		3/N/PE~400 V, 50 Hz
Starting current with soft starter	А	19,5
Fuse	А	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.

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

System accessories LI 9TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Air-to-water heat pump with 90° air hose deflection	LI 9TE	352610	1		
Elasticated sound insulation underlay strips	SYL 250	352260	1		
Heat source accessories					
Long air duct	LKL 500	339710			
Short air duct	LKK 500	339720	2		
90° air duct bend	LKB 500	339730	_		
Tool kit	VSK 500	341200			
Sealing collar for air intake or air outlet	DMK 500	340260	2		
Heat pump rain guard	RSG 500	340220	1		
Hydraulic accessories		0.0220			
Heating water hose connection set	SAS 100	340320	1		
Floor-mounted buffer tank (200 I)*	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	340300	1		
	DDV 32	348450			
Dual differential pressureless manifold* Manifold better connecting two beating circuits	VTB 25	339870			
Manifold bar for connecting two heating circuits		346600			
Unmixed heating circuit module*	WWM 25				
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	14/14/OD 000	0.4004.0			
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			
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			
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		
riout pump (nouting only) start up	II O I VVI	UT 17 UU			

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation against a wall with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

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Air-to-water heat pump with horizontal air circuit

Order reference: LI 11ME

Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables corner or wall installation with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with optional DHW preparation and the option of flexible expansion for: - Bivalent or bivalent-renewable operating mode - Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 LI 11ME

Order reference		LI 11ME
Set-up / Colour		Indoors / White
emperature operating limits for heating water / Air		58 °C / -25 °C
emperature operating limits air		-25 °C to 35 °C
leat output / COP at A-7/W35*	kW/-	7,60 / 2,90
leat output / COP at A+2/W35*	kW/-	9,10 / 3,40
leat output / COP at A+7/W35*	kW/-	10,90 / 4,10
leat 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)	55
Sound pressure level at a distance of 1 m (air outlet ide)	db(A)	50
Refrigerant R404A	kg	2,50
ow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 2500
leating water flow rate with an int. pressure lifferential of	m³/h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	750 x 875 x 1360
Veight (incl. packing)	kg	200
Control voltage	V	230
Supply voltage		1/N/PE~230V, 50Hz
Starting current with soft starter	A	38 SA
use	A	25
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

 $^{^{\}star}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

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

System accessories LI 11ME



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Air-to-water heat pump with horizontal air circuit	LI 11ME	352760	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 11	337390			
Long air duct	LKL 600	339740	1		
Short air duct	LKK 600	339750			
90° air duct bend	LKB 600	339760	1		
Sealing collar for air intake and air outlet	DMK 600	340270	1		
Heat pump rain guard	RSG 600	340230	1		
Hydraulic accessories					
Heating water hose connection set	SAS 100	340320	1		
Built-under buffer tank (140 I) for LI 11-20*	PSP 140E	353970			
Floor-mounted buffer tank (200 I)*	PSW 200	339830			
Built-under buffer tank (140 I)	PSP 890	337890	1		
2 kW immersion heater for back-up heating	CTHK 631	336180	2		
Universal buffer tank (500 l)*	PSW 500	339210	2		
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			
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			
DHW preparation accessories					
Hot water cylinder (300 I) 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			
Hot water cylinder (500 I) 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	PWD 750	349100			
central flow*					
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	353790			
Remote diagnostics hardware package (USB)*	LDS USB	353770			
Thermostat for heating and domestic hot water	KRRV 003	322070			
-	14144 003	022010			
Start-up (no discount available)	13.1.6.1.1.15	0.44==0			
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

The recommended components for the air circuit are based on corner installation with air intake via a light well and air outlet above ground level. Further types of installation can be found in the project planning documentation.

Important information:

Internet: 05.03.2007

System accessories LI 11ME



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.

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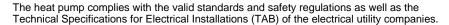


Reversible air-to-water heat pump

Order reference: LI 11MER
Installation location: Indoors
Flow temperature max 58 °C

Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating and cooling for indoor installation with WPM 2007 R integrated control and control panel that can also be used as wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables corner or wall installation with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Option of flexible expansion for: - Bivalent operating mode - Combined distribution systems for heating and cooling - Unmixed and mixed heating and cooling circuits. Silent cooling via panel heating/cooling systems requires the use of the room climate control station (special accessory) to regulate the flow temperature on the basis of the air temperature and humidity of a reference room. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) included in the scope of supply.





Technical data LI 11MER

Dimplex Reversible air-to-water heat pum	p (Low temperatui	re)	
Order reference		LI 11MER	
Set-up / Colour	Indoors / White		
Temperature operating limits for heating water / Air	58 °C / -25 °C		
Temperature operating limits air	-25 °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)	55	
Refrigerant R404A	kg	3,60	
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 2500	
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.0 / 3000	
Dimensions (W x D x H)**	mm	750 x 875 x 1360	
Weight (incl. packing)	kg	205	
Control voltage	V	230	
Supply voltage		1/N/PE~230V, 50Hz	
Starting current with soft starter	Α	38	
Fuse	Α	25	
Defrosting / type of defrosting		Reverse cycle	
Device connections for heating		1 1/4"	

 $^{^{\}star}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

Internet: 05.03.2007

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

System accessories LI 11MER



Description	Order ref.	Article	Sample	Item	Price
		number	item		
leat pumps					
Reversible air-to-water heat pump	LI 11MER	352800	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 11	337390			
ong air duct	LKL 600	339740	1		
Short air duct	LKK 600	339750			
90° air duct bend	LKB 600	339760	1		
Γοοl kit	VSK 600	341210			
Sealing collar for air intake and air outlet	DMK 600	340270	1		
Heat pump rain guard	RSG 600	340230	1		
Hydraulic accessories					
Heating water hose connection set	SAS 100	340320			
Built-under buffer tank (140 l) for LI 11-20*	PSP 140E	353970			
Floor-mounted buffer tank (200 l)*	PSW 200	339830	4		
Built-under buffer tank (140 l)	PSP 890	337890	1		
2 kW immersion heater for back-up heating Jniversal buffer tank (500 l)*	CTHK 631 PSW 500	336180 339210	2		
mmersion 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			
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			
Jnmixed 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 integrated thermostat*	HL 11C	351730			
Fan convector for heating/cooling with integrated thermostat* Fan convector for heating/cooling with integrated thermostat*	HL 16C HL 26C	351740 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			
OHW preparation accessories					
Hot water cylinder (300 I) 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 I) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 I) 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			
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 PWD 750	340310 349100			
Combi cylinder for heating and domestic hot water preparation with central flow*	L AND 120	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			

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System accessories LI 11MER



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Room climate control system for temperature and humidity	RKS WPM	342220	1		
measurement					
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on-off room temperature controller in flat switch	RTK 501 U	350960			
mounting frame for flush mounting*					
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on corner installation with air intake via a light well and air outlet above ground level. Further types of installation can be found in the project planning documentation. 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.

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Air-to-water heat pump with horizontal air circuit

Order reference: LI 11TE
Installation location: Indoors
Flow temperature max 58 °C
Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with optional DHW preparation and the possibility of flexible expansion for:

- Bivalent or bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated switchable supplementary heating (2/4/6 kW), soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 11TE

Order reference		LI 11TE
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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)	55
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	50
Refrigerant R404A	kg	2,50
low rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 2500
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.0 / 3000
Dimensions (W x D x H)**	mm	750 x 875 x 1360
Weight (incl. packing)	kg	200
Control voltage	V	230
Supply voltage		3/N/PE~400 V, 50 Hz
Starting current with soft starter	А	23
Fuse	А	16
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

 $^{^{\}star}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

Internet: 05.03.2007

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

System accessories LI 11TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
leat pumps					
Air-to-water heat pump with horizontal air circuit	LI 11TE	352630	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 11	337390			
ong air duct	LKL 600	339740	1		
Short air duct	LKK 600	339750			
90° air duct bend	LKB 600	339760	1		
Γool kit	VSK 600	341210			
Sealing collar for air intake and air outlet	DMK 600	340270	1		
Heat pump rain guard	RSG 600	340230	1		
Hydraulic accessories					
Heating water hose connection set	SAS 110	340330	1		
Built-under buffer tank (140 l) for LI 11-20	PSP 140E	353970	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 7.5 kW immersion heater for back-up heating	CTHK 634 CTHK 635	322150 322160			
9 kW immersion heater for back-up heating	CTHK 635	322170			
Floor-mounted buffer tank (200 I)*	PSW 200	339830			
Universal buffer tank (500 I)*	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			
Fan convector for heating/cooling with external thermostat* Fan convector for heating/cooling with external thermostat*	HL 26SK HL 36SK	351790 351800			
DHW preparation accessories	TIL 303IX	331000			
	\\\\\CD 222	246640	4		
Hot water cylinder (300 I) with temperature sensor Hot water connection set for compact brine heat pump	WWSP 332 VSW KS	346610 343120	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 (400 I) with temperature sensor*	WWSP 880	337880			
Hot water cylinder (500 I) 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		

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System accessories LI 11TE



* Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

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Reversible air-to-water heat pump with waste heat recovery

Order reference: LI 11TER+

Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating and cooling for indoor installation with WPM 2007 R integrated control and control panel that can be used also as wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Reversible design with additional heat exchanger for higher DHW temperatures in heating operation and waste heat recovery in cooling operation. Possibility of flexible expansion for:

- Bivalent operating mode
- Combined distribution systems for heating and cooling
- Unmixed and mixed heating and cooling circuits.

Silent cooling via panel heating/cooling systems requires the use of the room climate control station (special accessory) to regulate the flow temperature on the basis of the air temperature and humidity of a reference room. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 11TER+

Dimplex Reversible air-to-water heat pump with waste heat recovery (Low temperature)					
Order reference		LI 11TER+			
Set-up / Colour		Indoors / White			
Temperature operating limits for heating water / Air		58 °C / -25 °C			
Temperature operating limits air		-25 °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)	55			
Refrigerant R404A	kg	5,90			
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 2500			
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.0 / 3000			
Dimensions (W x D x H)**	mm	750 x 850 x 1360			
Weight (incl. packing)	kg	222			
Control voltage	V	230			
Supply voltage		3/PE~400V, 50 Hz			
Starting current with soft starter	Α	23			
Fuse	A	16			
Defrosting / type of defrosting		Reverse cycle			
Device connections for heating		1 1/4"			

 $^{^{\}ast}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

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

System accessories LI 11TER+



Description	Order ref.	Article	Sample	ltem	Price
		number	item		
Heat pumps					
Reversible air-to-water heat pump with waste heat recovery	LI 11TER+	352770	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 11	337390			
Long air duct	LKL 600	339740	1		
Short air duct	LKK 600	339750			
90° air duct bend	LKB 600	339760	1		
Tool kit	VSK 700	341220			
Sealing collar for air intake and air outlet	DMK 600	340270	1		
Heat pump rain guard	RSG 600	340230	1		
Hydraulic accessories					
Heating water hose connection set	SAS 110	340330			
Built-under buffer tank (140 I) for LI 11-20	PSP 140E	353970	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		
7.5 kW immersion heater for back-up heating	CTHK 635 CTHK 636	322160 322170			
9 kW immersion heater for back-up heating Floor-mounted buffer tank (200 I)*	PSW 200	339830			
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* Fan convector for heating/cooling with external thermostat*	HL 16SK HL 26SK	351780 351790			
Fan convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories	112 00011	00.000			
	WWCD 222	246640	4		
Hot water cylinder (300 I) with temperature sensor Hot water connection set for compact brine heat pump	WWSP 332 VSW KS	346610 343120	ı		
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 I) with temperature sensor*	WWSP 880	337880			
Design hot water cylinder (400 l)*	WWSP 442E	353370			
Hot water cylinder (500 I) 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			
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			

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System accessories LI 11TER+



Description	Order ref.	Article	Sample	Item	Price
		number	item		
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	RKS WPM	342220	1		
measurement					
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on-off room temperature controller in flat switch	RTK 501 U	350960			
mounting frame for flush mounting*					
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation. Room climate control station and mixer module enable silent cooling via panel heating systems.

Important information:
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.

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Air-to-water heat pump with horizontal air circuit

Order reference: LI 16TE Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with optional DHW preparation and the possibility of flexible expansion for:

- Bivalent or bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated switchable supplementary heating (2/4/6 kW), soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 16TE

Order reference		LI 16TE
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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	3,81
Sound power level	db(A)	57
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	52
Refrigerant R404A	kg	3,10
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 4000
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.4 / 4500
Dimensions (W x D x H)**	mm	750 x 875 x 1570
Weight (incl. packing)	kg	235
Control voltage	V	230
Supply voltage		3/N/PE~400 V, 50 Hz
Starting current with soft starter	А	25
Fuse	А	20
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

 $^{^{\}star}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

Internet: 05.03.2007

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

System accessories LI 16TE



Description	Order ref.	Article	Sample	ltem	Price
		number	item		
Heat pumps					
Air-to-water heat pump with horizontal air circuit	LI 16TE	352650	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 16	337400			
Long air duct	LKL 700	339770	1		
Short air duct	LKK 700	339780	·		
90° air duct bend	LKB 700	339790	1		
Tool kit	VSK 700	341220			
Sealing collar for air intake and air outlet	DMK 700	340280	1		
Heat pump rain guard	RSG 700	340240	1		
Hydraulic accessories					
Heating water hose connection set	SAS 110	340330	1		
Built-under buffer tank (140 l) for LI 11-20	PSP 140E	353970	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			
7.5 kW immersion heater for back-up heating	CTHK 635	322160			
9 kW immersion heater for back-up heating	CTHK 636	322170			
Floor-mounted buffer tank (200 I)*	PSW 200	339830			
Jniversal buffer tank (500 I)*	PSW 500	339210			
mmersion 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 WWM 25	339870 346600	1		
Jnmixed heating circuit module Circulating pump depending on heating system pressure drop	bauseits	340000	ı		
Vised 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			
an convector for heating/cooling with external thermostat*	HL 36SK	351800			
OHW preparation accessories					
Hot water cylinder (300 I) with temperature sensor*	WWSP 332	346610			
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 I) 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			
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					
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			

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System accessories LI 16TE



Description	Order ref.	Article number	Sample item	Item	Price
Start-up (no discount available)					
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

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Reversible air-to-water heat pump with waste heat recovery

Order reference: LI 16TER+

Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating and cooling for indoor installation with WPM 2007 R integrated control and control panel that can be used also as wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Reversible design with additional heat exchanger for higher DHW temperatures in heating operation and waste heat recovery in cooling operation. Possibility of flexible expansion for:

- Bivalent operating mode
- Combined distribution systems for heating and cooling
- Unmixed and mixed heating and cooling circuits.

Silent cooling via panel heating/cooling systems requires the use of the room climate control station (special accessory) to regulate the flow temperature on the basis of the air temperature and humidity of a reference room. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 16TER+

Order reference		LI 16TER+
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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	3,80
Sound power level	db(A)	57
Refrigerant R404A	kg	5,70
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 4000
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.4 / 4500
Dimensions (W x D x H)**	mm	750 x 875 x 1570
Weight (incl. packing)	kg	260
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	А	25
Fuse	А	20
Defrosting / type of defrosting		Reverse cycle
Device connections for heating		1 1/4"

 $^{^{\}star}$ The specified values have the following meaning, e.g. A+2/W35: heat source temperature +2 °C, heat outlet temperature 35 °C.

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

System accessories LI 16TER+



Description	Order ref.	Article	Sample	ltem	Price
		number	item		
Heat pumps					
Reversible air-to-water heat pump with waste heat recovery	LI 16TER+	352780	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Air duct hose set	LUS 16	337400			
ong air duct	LKL 700	339770	1		
Short air duct	LKK 700	339780			
90° air duct bend	LKB 700	339790	1		
Γool kit	VSK 700	341220			
Sealing collar for air intake and air outlet	DMK 700	340280	1		
Heat pump rain guard	RSG 700	340240	1		
Hydraulic accessories					
Heating water hose connection set	SAS 100	340320			
Built-under buffer tank (140 I) for LI 11-20	PSP 140E	353970	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	4		
6 kW immersion heater for back-up heating	CTHK 634	322150	1		
7.5 kW immersion heater for back-up heating 9 kW immersion heater for back-up heating	CTHK 635 CTHK 636	322160 322170			
9 kW immersion neater for back-up neating Floor-mounted buffer tank (200 l)*	PSW 200	322170			
Built-under buffer tank (140 I)*	PSP 890	337890			
Universal buffer tank (500 l)*	PSW 500	339210			
mmersion 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	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* Fan convector for heating/cooling with integrated thermostat*	HL 16C HL 26C	351740 351760			
Fan convector for heating/cooling with integrated thermostat*	HL 36C	351760			
Fan convector for heating/cooling with integrated thermostat*	HL 11SK	351760			
Fan convector for heating/cooling with external thermostat*	HL 16SK	351770			
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 I) with temperature sensor*	WWSP 332	346610			
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			
Design hot water cylinder (400 I) with temperature sensor*	WWSP 400 K	342080			
Hot water cylinder (500 I) 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 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with	PWD 750	349100			
central flow*					
Control accessories					
Heat pump manager remote control*	FWPM 470	337470			

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System accessories LI 16TER+



Description	Order ref.	Article	Sample	Item	Price
		number	item		
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	RKS WPM	342220	1		
measurement					
Heating/cooling on/off room temperature controller*	RTK 501	343080			
Heating/cooling on-off room temperature controller in flat switch	RTK 501 U	350960			
mounting frame for flush mounting*					
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:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation. 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.

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Air-to-water heat pump with two performance levels

Order reference: LI 20TE Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with two compressors for flexible capacity, optional DHW preparation and the possibility of flexible expansion for:

- Bivalent and bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 20TE

Dimplex Air-to-water heat pump with two	performance level	s (Low temperature)
Order reference		LI 20TE
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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 / 3,20 2 compressors: 14,90 / 3,10
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)	58
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	54
Refrigerant R404A	kg	3,70
flow rate (heat source) at ext. pressure differential	m³/h / Pa	5.0 / 5500
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.8 / 6500
Dimensions (W x D x H)**	mm	750 x 875 x 1570
Weight (incl. packing)	kg	255
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	Α	23
Fuse	Α	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.

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

System accessories LI 20TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Air-to-water heat pump with two performance levels	LI 20TE	352670	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories			_		
	LKL 700	339770	1		
ong air duct Short air duct	LKL 700 LKK 700	339770	l		
90° air duct bend	LKR 700	339790	1		
Fool kit	VSK 700	341220	•		
Sealing collar for air intake and air outlet	DMK 700	340280	1		
Heat pump rain guard	RSG 700	340240	1		
Hydraulic accessories	1100 100	0.102.10	·		
•	CAC 440	0.40000	4		
Heating water hose connection set	SAS 110	340330	1		
Built-under buffer tank (140 l) for LI 11-20 2 kW immersion heater for back-up heating	PSP 140E CTHK 631	353970 336180	1		
·	CTHK 631	335910			
2.9 kW immersion heater for back-up heating4.5 kW immersion heater for back-up heating	CTHK 632	322140			
6 kW immersion heater for back-up heating	CTHK 633	322140	2		
7.5 kW immersion heater for back-up heating	CTHK 635	322160	2		
9 kW immersion heater for back-up heating	CTHK 636	322170			
Floor-mounted buffer tank (200 l)*	PSW 200	339830			
Jniversal buffer tank (500 I)*	PSW 500	339210			
mmersion heater pipe assembly*	HDLR 450	337450			
8 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			
Jnmixed 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			
an convector for heating/cooling with external thermostat*	HL 16SK	351780			
an convector for heating/cooling with external thermostat*	HL 26SK	351790			
an convector for heating/cooling with external thermostat*	HL 36SK	351800			
DHW preparation accessories					
Hot water cylinder (300 I) 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 I) 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	PWD 750	349100			
central flow*					
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			
torrioto diagricolico riardivaro pachago (CCD)					

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System accessories LI 20TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

Notes

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

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High-temperature air-to-water heat pump

Order reference: LIH 22TE Installation location: Indoors Flow temperature max 75 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with low-temperature and high-temperature level, optional DHW preparation and the possibility of flexible expansion for:

- Bivalent and bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LIH 22TE

Dimplex High-temperature air-to-water heat pump (High temperature)					
Order reference		LIH 22TE			
Set-up / Colour		Indoors / White			
Temperature operating limits for heating water / Air		75 °C / -25 °C			
Temperature operating limits air		-25 °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	4,40			
Refrigerant R404A / R134a	kg	3,30			
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 8000			
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.8 / 3000			
Dimensions (W x D x H)**	mm	750 x 1025 x 1710			
Weight (incl. packing)	kg	370			
Control voltage	V	230			
Supply voltage		3/PE~400V, 50 Hz			
Starting current with soft starter	Α	25			
Fuse	Α	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.

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System accessories LIH 22TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
High-temperature air-to-water heat pump	LIH 22TE	352730	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
ong air duct	LKL 800	339800	1		
Short air duct	LKK 800	339810	· ·		
90° air duct bend	LKB 800	339820	1		
Fool kit	VSK 800	341230	·		
Sealing collar for air intake and air outlet	DMK 800	340290	1		
Heat pump rain guard	RSG 800	340250	1		
Hydraulic accessories					
•	CAC 440	240220	4		
Heating water hose connection set	SAS 110	340330	1		
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	1		
4.5 kW immersion heater for back-up heating	CTHK 633	322140 322150	1		
6 kW immersion heater for back-up heating Jniversal buffer tank (500 l)*	CTHK 634 PSW 500	339210	1		
mmersion 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 Circulating pump for main heat pump circuit	UP 80	340310			
Oual differential pressureless manifold*	DDV 32	348450			
Manifold bar for connecting two heating circuits	VTB 25	339870			
Jnmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits	040000	· ·		
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	112 00011	001000			
• •	WWSP 900	339220	1		
Hot water cylinder (500 I) with temperature sensor			1		
6 kW flange heater for hot water cylinder 2/2.7/4 kW flange heater for hot water cylinder	FLH 60 FLHU 70	338060 338070			
Flange heater for hot water cylinder Flange heater for hot water cylinder 230 V/2.5 kW	FLHU 70 FLH 25M	349430			
Safety valve combination	SVK 852				
Solar station for hot water	SST 25	326660 348430			
Solar station for not water Combination cylinder for heating and DHW preparation*	PWS 332	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 60	340300	1		
Circulating pump for main heat pump circuit	UP 80	340300	1		
Combi cylinder for heating and domestic hot water preparation with	PWD 750	349100	1		
central flow*	1 110 700	0-10100			
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		
ioat pump (licating only) start-up	IIN OT WE	341730	1		

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

Important information:

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System accessories LIH 22TE



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.

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Air-to-water heat pump with two performance levels

Order reference: LI 24TE Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with two compressors for flexible capacity, optional DHW preparation and the possibility of flexible expansion for:

- Bivalent and bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 24TE

Dimplex Air-to-water heat pump with two pe	erformance levels ((Low temperature)
Order reference		LI 24TE
Set-up / Colour		Indoors / White
Temperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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)	62
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A	kg	4,20
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 8000
Heating water flow rate with an int. pressure differential of	m³/h / mbar	2.3 / 5900
Dimensions (W x D x H)**	mm	750 x 1025 x 1710
Weight (incl. packing)	kg	310
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.

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

System accessories LI 24TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Air-to-water heat pump with two performance levels	LI 24TE	352690	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
ong air duct	LKL 800	339800	1		
Short air duct	LKK 800	339810	•		
90° air duct bend	LKB 800	339820	1		
Fool kit	VSK 800	341230			
Sealing collar for air intake and air outlet	DMK 800	340290	1		
Heat pump rain guard	RSG 800	340250	1		
Hydraulic accessories	1100 000	0.0200	·		
Heating water hose connection set	SAS 110	340330	1		
Floor-mounted buffer tank (200 I)	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	2		
mmersion heater pipe assembly*	HDLR 450	337450			
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	•		
Jnmixed heating circuit module	WWM 25	346600	1		
Circulating pump depending on heating system pressure drop	bauseits	0.10000			
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		33.553			
Hot water cylinder (400 I) with temperature sensor	WWSP 880	337880	1		
6 kW flange heater for hot water cylinder	FLH 60	338060	1		
2/2.7/4 kW flange heater for hot water cylinder	FLHU 70	338070			
Flange heater for hot water cylinder 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 I) with temperature sensor*	WWSP 900	339220			
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	PWD 750	349100			
central flow*		0.0.00			
Control accessories					
	DDC WDM	220700			
Swimming pool / remote fault indicator relay module	RBG WPM	339700			
Heat pump manager remote control* Remote diagnostics hardware package*	FWPM 470 RDS	337470 353790			
, ,	LDS	353790			
Remote diagnostics hardware package (serial)* Remote diagnostics hardware package (USB)*	LDS USB	353770			
Thermostat for heating and domestic hot water	KRRV 003	322070			
-	1/1/1/ 003	322010			
Start-up (no discount available)					
leat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

Internet: 05.03.2007



High-temperature air-to-water heat pump

Order reference: LIH 26TE Installation location: Indoors Flow temperature max 75 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with low-temperature and high-temperature level, optional DHW preparation and the possibility of flexible expansion for:

- Bivalent and bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LIH 26TE

Dimplex High-temperature air-to-water heat pump (High temperature)					
Order reference		LIH 26TE			
Set-up / Colour		Indoors / White			
Temperature operating limits for heating water / Air		75 °C / -25 °C			
Temperature operating limits air		-25 °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			
Refrigerant R404A / R134a	kg	3,70			
flow rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 8000			
Heating water flow rate with an int. pressure differential of	m³/h / mbar	1.8 / 3000			
Dimensions (W x D x H)**	mm	750 x 1025 x 1710			
Weight (incl. packing)	kg	377			
Control voltage	V	230			
Supply voltage		3/PE~400V, 50 Hz			
Starting current with soft starter	Α	30			
Fuse	Α	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.

Internet: 05.03.2007

System accessories LIH 26TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
High-temperature air-to-water heat pump	LIH 26TE	352740	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
	L IZI. 900	220000	1		
Long air duct Short air duct	LKL 800 LKK 800	339800 339810	1		
90° air duct bend	LKB 800	339820	1		
			1		
Tool kit	VSK 800	341230	4		
Sealing collar for air intake and air outlet	DMK 800	340290	1		
Heat pump rain guard	RSG 800	340250	1		
Hydraulic accessories					
Heating water hose connection set	SAS 110	340330	1		
Floor-mounted buffer tank (200 I)	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 I)*	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 (500 I) 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			
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 60	340300			
Circulating pump for main heat pump circuit	UP 80	340310	1		
Combi cylinder for heating and domestic hot water preparation with	PWD 750	349100			
central flow*	. 115 700	C + O 1 0 0			
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	353770			
Thermostat for heating and domestic hot water	KRRV 003	322070			
-	14144 003	322010			
Start-up (no discount available)	INI CA MAD	0.44750			
Heat pump (heating only) start-up	IN 01 WP	341750	1		

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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

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System accessories LIH 26TE



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.

Phone: +49 (0)9221 709-201 Fax: +49 (0)9221 709-339



Air-to-water heat pump with two performance levels

Order reference: LI 28TE Installation location: Indoors Flow temperature max 58 °C Casing, powder-coated

Heat pump for heating purposes for indoor installation with WPM 2007 plus integrated control and control panel that can also be used as a wired remote control using a wall-mounting kit (special accessory). The integrated air circuit enables installation in corners or on walls with air ducts at the air intake and the air outlet side; sound-optimised through low-noise axial-flow fan; energy-efficient defrosting by reverse circulation. Universal design with two compressors for flexible capacity, optional DHW preparation and the possibility of flexible expansion for:

- Bivalent and bivalent-renewable operating mode
- Distribution systems with unmixed and mixed heating circuits. Integrated soft starter, flow and return flow sensors; external sensor (standard NTC-2) 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 and is VDE certified.



Technical data LI 28TE

Order reference		LI 28TE
Set-up / Colour		Indoors / White
Femperature operating limits for heating water / Air		58 °C / -25 °C
Temperature operating limits air		-25 °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)	62
Sound pressure level at a distance of 1 m (air outlet side)	db(A)	58
Refrigerant R404A	kg	4,00
low rate (heat source) at ext. pressure differential	m³/h / Pa	25.0 / 8000
Heating water flow rate with an int. pressure	m³/h / mbar	2.3 / 5900
Dimensions (W x D x H)**	mm	750 x 1025 x 1710
Weight (incl. packing)	kg	314
Control voltage	V	230
Supply voltage		3/PE~400V, 50 Hz
Starting current with soft starter	А	25
- use	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.

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

System accessories LI 28TE



Description	Order ref.	Article	Sample	Item	Price
		number	item		
Heat pumps					
Air-to-water heat pump with two performance levels	LI 28TE	352710	1		
Elasticated sound insulation underlay strips	SYL 250	352260	2		
Heat source accessories					
Long air duct	LKL 800	339800	1		
Short air duct	LKK 800	339810			
90° air duct bend	LKB 800	339820	1		
Tool kit	VSK 800	341230			
Sealing collar for air intake and air outlet	DMK 800	340290	1		
Heat pump rain guard	RSG 800	340250	1		
Hydraulic accessories					
Heating water hose connection set	SAS 110	340330	1		
Floor-mounted buffer tank (200 I)	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 I)*	PSW 500	339210			
Immersion heater pipe assembly*	HDLR 450	337450			
Dual differential pressureless manifold	DDV 32	348450	1		
Circulating pump for DDV 32	UP 70-32	354020			
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 I) with temperature sensor*	WWSP 900	339220			
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	PWD 750	349100			
central flow*					
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)					
	IN 01 WP	341750	1		
Heat pump (heating only) start-up	IN UT WE	341730			

^{*} Other specific accessories available / required

Notes:

The recommended components for the air circuit are based on installation in a corner with the air intake via a light well and the air outlet installed above ground level. Further types of installation can be found in the project planning documentation.

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.

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