



# Technical data/scope of delivery

## Unit designation

<b>Accessory for heat pump model</b>	LWD 50A - LWD 90A	• applicable   — not applicable	
	Functionally relevant	• applicable   — not applicable	
<b>Installation location</b>	Indoors   Outdoors	• applicable   — not applicable	
<b>Conformity</b>		CE	
<b>Heating circuit</b>	Heating circuit efficiency pump	integrated: • yes — no	
	Free compression heat pump $\Delta p$   Flow rate	bar   l/h	
	Flow rate: minimum throughout   Maximum throughput	l/h	
	max. permissible operating pressure	bar	
	max. permissible operating temperature	°C	
	Expansion vessel: Volume   Normal inlet pressure	l   bar	
	Volume of buffer tank	l	
	3-way valve, heating/hot water	integrated: • yes — no	
	Heat metering	integrated: • yes — no	
<b>Domestic hot water tank</b>	Net contents	l	
	Corrosion protection: Impressed current anode   Magnesium sacrificial anode	• applicable   — not applicable	
	Hot water temperature	Up to °C	
	Output capacity at 38°C   45 °C if removed at 10 l/min, storage temperature 60 °C	l   l	
	Output capacity at 38°C   45 °C if removed at 10 l/min, storage temperature 50 °C**	l   l	
	Heat exchanger area, heat pump	m <sup>2</sup>	
	max. permissible operating pressure	bar	
<b>General unit data</b>	Housing dimensions (Height   Width   Depth)	mm   mm   mm	
	Total weight	kg	
	Connections	Heating circuit	...
		Heat pump	...
		Cold water	...
		Domestic hot water	...
Circulation	...		
<b>Electrics</b>	Voltage code   all-pole circuit breaker heat pump *)	...   A	
	Voltage code   circuit breaker control voltage *)	...   A	
	Voltage code   circuit breaker electric heating element *)	...   A	
	Protection type	IP	
	Output, electric heating element 3   2   1 phase	kW   kW   kW	
Circulating pump, heating circuit: maximum power consumption   current consumption	kW   A		
<b>Heating and heat pump regulator</b>		Included in scope of delivery: • yes — no	
<b>Safety equipment</b>	Safety assembly heating circuit   Safety assembly heat source	Included in scope of delivery: • yes — no	
<b>Overflow valve</b>		integrated: • yes — no	
	Factory setting (adjust when commissioning the system)	bar	
<b>Sound</b>	Sound pressure level in free field/sound power level	dB(A) / dB(A)	

\* comply with local regulations

\*\* Factory setting



## HTD

•

•

• | —

•

•

0,40 | 1600

900 | 2000

3

70

12 | 1,5

62

•

•

180

— | •

62

285 | 230

215 | 170

2,3

10

1800 | 600 | 834

150

Rp 1" IG

Rp 1" IG

R 1" AG

R 1" AG

R ¾" AG

3~/N/PE/400V/50Hz | C16

1~/N/PE/230V/50Hz | B16

3~/N/PE/400V/50Hz | B10

20

6 | 4 | 2

0,07 | 0,31

•

• | —

•

0,55

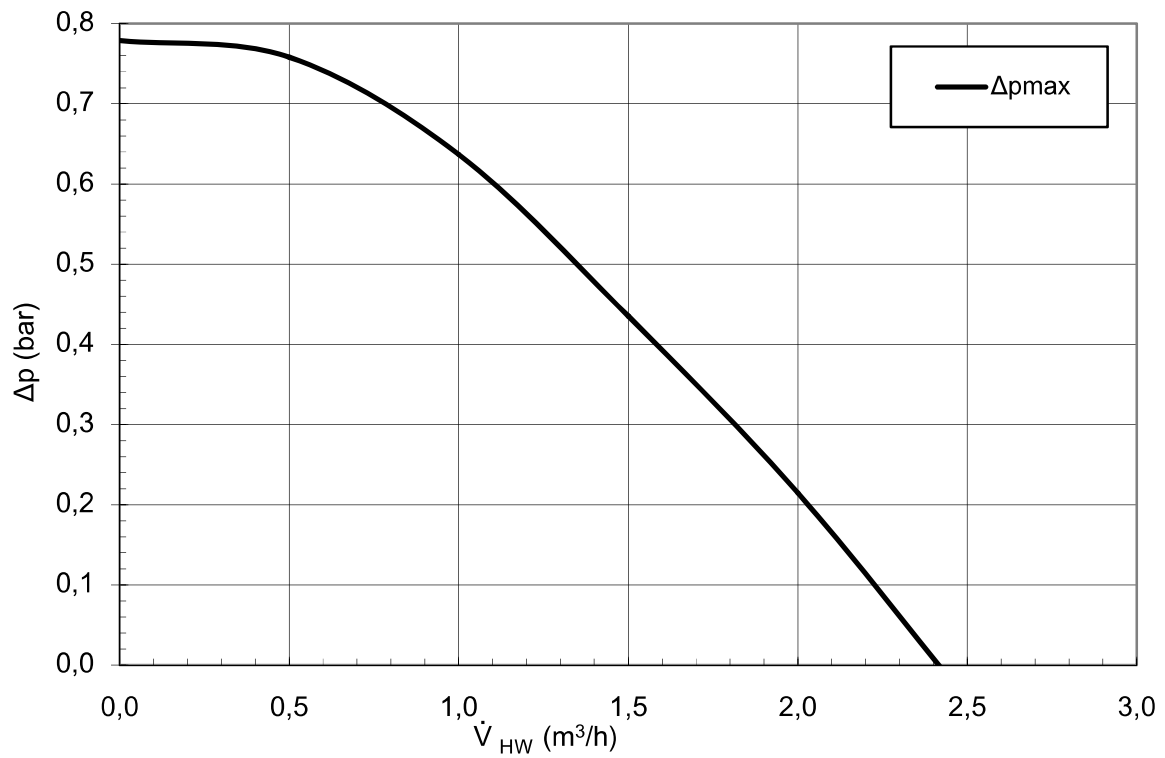
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# Free compression

HTD



Legend: UK812022

$\dot{V}_{HW}$  Flow rate, heating water

$\Delta p$  (bar) Free compression, heating circuit