

Range overview

Brine-to-water heat pumps.  
Water-to-water heat pumps.



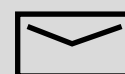
# Heat pumps.

## Range overview.

Products	Applications				Max. area to be heated in m <sup>2</sup>				Installation position of heat pump			Application			Technical details						
	One/two-family house	Multiple-family house	Residential building	Commercial building	15 W/m <sup>2</sup> (passive house)	30 W/m <sup>2</sup> (new build standard)	m <sup>2</sup>		Outside	Indoors	Split	Heating	cooling	Domestic hot water preparation * (litre)	Central ventilation in the system **	Central ventilation	Heat output in kW (B0 / W35) (W10 / W35)	COP at B0 / W35 (W10 / W35)	Max. flow temperature	Energy efficiency class NT <sup>4</sup>	Energy efficiency class NT <sup>4</sup>
							50 W/m <sup>2</sup> (after the German WSVO 95 regulation on thermal insulation)	80 W/m <sup>2</sup> (before the German WSVO 95 regulation on thermal insulation)													
<b>SI - brine-to-water-heat pumps</b>																					
SIW 6TES	•				390	200	120	70	•			•		• 170 l		○	5.9	4.7	62	A+++	A++
SIW 8TES	•				520	260	160	100	•			•		• 170 l		○	7.8	4.8	62	A+++	A++
SIW 11TES	•				700	350	210	130	•			•		• 170 l		○	10.5	5	62	A+++	A++
SIK 6TES	•				390	200	120	70	•			•		○		○	5.9	4.7	62	A+++	A++
SIK 8TES	•				520	260	160	100	•			•		○		○	7.8	4.8	62	A+++	A++
SIK 11TES	•				710	350	210	130	•			•		○		○	10.6	5	62	A+++	A++
SIK 14TES	•				870	440	260	160	•			•		○		○	13.1	4.7	62	A+++	A++
SI 6TU	•			•	410	200	120	80	•			•		○		○	6.1	4.7	62	A+++	A++
SI 8TU	•			•	540	270	160	100	•			•		○		○	8.1	4.8	62	A+++	A++
SI 11TU	•			•	730	360	220	140	•			•		○		○	10.9	4.9	62	A+++	A++
SI 14TU	•			•	930	460	280	170	•			•		○		○	13.9	5	62	A+++	A+++
SI 18TU	•	•		•	1,170	580	350	220	•			•		○		○	17.5	4.7	62	A+++	A++
SI 22TU		•		•	1,530	760	460	290	•			•		○		○	22.9	4.4	58	A+++	A++
SIH 20TE		•		•	1,430	710	430	270	•			•		○			21.4	4.6	70	A+++	A++
SI 26TU		•		•	1,780	890	530	330	•			•		○			26.7	5.1	62	A+++	A++
SI 35TU		•		•	2,320	1160	700	440	•			•		○			34.8	5.2	62	A+++	A++
SI 50TU		•		•	3,470	1730	1,040	650	•			•		○			52	5.4	62	A+++	A++
SI 75TU		•		•	4,900	2450	1,470	920	•			•		○			73.5	5	62		
SI 90TU		•		•	5,730	2870	1,720	1080	•			•		○			86	5	62		
SI 130TU		•		•	9,210	4600	2,760	1730	•			•		○			138.1	4.7	62		
SIH 90TU		•		•	5,910	2950	1,770	1110	•			•		○			88.6	4.7	70		
SI 35TUR		•		•	2,250	1120	670	420	•			•	•	○			33.7	5.1	62	A+++	A++
SI 50TUR		•		•	3,230	1610	970	610	•			•	•	○			48.4	4.9	62	A+++	A++
SI 130TUR+		•		•	7,200	3620	2,170	1360	•			•	•	○			108.5	4.2	58		
<b>WI - water-to-water-heat pumps</b>																					
WI 10TU	•				640	320	190	120	•			•		○		○	9.6	5.9	62	A+++	A+++
WI 14TU	•				890	440	270	170	•			•		○		○	13.3	6.1	62	A+++	A+++
WI 18TU	•	•		•	1,140	570	340	210	•			•		○		○	17.1	5.8	62	A+++	A+++
WI 22TU		•		•	1,490	740	450	280	•			•		○		○	22.3	5.7	62	A+++	A+++
WI 35TU		•		•	2,370	1190	710	450	•			•		○			35.6	6.3	62	A+++	A+++
WI 45TU		•		•	3,080	1540	920	580	•			•		○			46.2	6.2	62	A+++	A+++
WI 65TU		•		•	4,590	2300	1,380	860	•			•		○			68.9	6.5	62	A+++	A+++
WI 95TU		•		•	6,590	3300	1,980	1240	•			•		○			98.9	6.1	62		
WI 120TU		•		•	7,900	3950	2,370	1480	•			•		○			118.5	6.1	62		
WI 180TU		•		•	12,000	6000	3,600	2250	•			•		○			180.1	5.6	62		
WI 140TUR+		•		•	9,550	4777	2,866	1791	•			•		○			143.3	5.2	58		
WIH 120TU		•		•	8,440	4220	2,530	1580	•			•		○			126.6	5.9	70		



The information is to provide a quick and easy overview of the range of Dimplex heat pumps and is not to be used as a substitute for detailed planning.



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Range overview

Air-to-water heat pumps.

Products	Applications				Max. area to be heated in m <sup>2</sup>				Installation position of heat pump			Application					Technical details							
	One/two-family house	Multiple-family house	Residential building	Commercial building	15 W/m <sup>2</sup> (passive house)	30 W/m <sup>2</sup> (new build standard)	50 W/m <sup>2</sup> (after the German WSVO 95 regulation on thermal)	80 W/m <sup>2</sup> (before the German WSVO 95 regulation on thermal)	Outside	Indoors	Split	Heating	cooling	Domestic hot water preparation * (litre)	Central ventilation in the system **	Central ventilation	Heat output in kW (A-7 / W35)	COP at A2 / W35	Sound power in dB(A) (normal / reduced)	Distance (in m) from the next room in need of protection in accordance with TA Lärm* (General residential area <sup>3</sup> )	Max. flow temperature	Energy efficiency class NT*	Energy efficiency class MT*	
<b>System M</b>																								
	Compact 06 kW	•		•		260	130	80	50			•		•	180 l	○		3.9	3.5	57/53	3.0	60	A+	A+
	Compact Plus 04-06 kW	•		•		310	160	90	60			•		•	180 l	○		4.7	3.7	57/53	3.0	60	A++	A+
	Comfort 09 kW	•				330	170	100	60			•		•	○ 220 l / 350 l	○		5.0	3.9	54/53	3.0	60	A++	A+
	Comfort 12 kW	•				470	230	140	90			•		•	○ 220 l / 350 l	○		7.0	3.8	55/54	3.0	60	A++	A+
	Comfort Cooling 09 kW	•				330	170	100	60			•	•	•	○ 220 l / 350 l	○		5.0	3.9	54/53	3.0	60	A++	A+
	Comfort Cooling 12 kW	•				470	230	140	90			•	•	•	○ 220 l / 350 l	○		7.0	3.8	55/54	3.0	60	A++	A+
	Comfort Plus 09-16 kW	•	•		•	630	310	190	120			•	•		○ 220 l / 350 l	○		9.4	4.2	55/47	1.5	60	A+++	A++
	Comfort Plus Cooling 09-16 kW	•	•		•	630	310	190	120			•	•	•	○ 220 l / 350 l	○		9.4	4.2	55/47	1.5	60	A+++	A++
	M Flex 6-9	•		•		400	200	120	70			•	•		○	○		6.1	4.2	55/47	1.5	60	A++	A+
M Flex 9-16	•	•		•	630	310	190	120			•	•		○	○		9.3	4.3	55/47	1.5	60	A+++	A++	
<b>Heat pumps/package solutions</b>																								
	HPL 6S-TUW2	•		•		270	130	80	50	•		•		•	200 l	○		4.0	3.8	56/52	2.5	60	A++	A+
	HPL 9S-TUW2	•				370	180	110	70	•		•		•	200 l	○		5.5	4.3	53/53	3.0	60	A++	A++
	HPL 6S-TUW	•				270	130	80	50	•		•		•	300 l	○		4.0	3.8	56/52	2.5	60	A++	A+
	HPL 9S-TUW	•				370	180	110	70	•		•		•	300 l	○		5.5	4.3	53/53	3.0	60	A+++	A++
	HPL 12S-TUW	•				480	240	140	90	•		•		•	300 l	○		7.2	4.1	54/53	3.0	60	A++	A++
	HPL 18S-TUW	•			•	370	350	210	130	•		•		•	300 l	○		10.6	4.3	54/53	3.0	60	A+++	A++
	HPL 6S-TURW	•				270	130	80	50	•		•	•	•	300 l	○		4.0	3.8	56/52	2.5	60	A++	A+
	HPL 9S-TURW	•				370	180	110	70	•		•	•	•	300 l	○		5.5	4.3	53/53	3.0	60	A+++	A++
	HPL 12S-TURW	•				480	240	140	90	•		•	•	•	300 l	○		7.2	4.1	54/53	3.0	60	A++	A++
	HPL 18S-TURW	•			•	370	350	210	130	•		•	•	•	300 l	○		10.6	4.3	54/53	3.0	60	A+++	A++
	<b>LA S-TUR</b>																							
		LA 6S-TUR	•		•		270	130	80	50	•		•	•	○	○		4.0	3.8	56/52	2.5	60	A++	A+
LA 9S-TUR		•				370	180	110	70	•		•	•	○	○		5.5	4.2	53/53	3.0	60	A+++	A++	
LA 12S-TUR		•	•			490	240	150	90	•		•	•	○	○		7.3	4.0	54/53	3.0	60	A++	A++	
LA 18S-TUR		•	•		•	370	350	210	130	•		•	•	○	○		10.6	4.2	54/53	3.0	60	A+++	A++	
<b>LA TU-2/ TBS</b>																								
	LA 25TU-2		•		•	1,087	540	330	200	•		•		○			16.3	3.7	67/67		55	A++	A+	
	LA 40TU-2		•		•	1,510	750	450	280	•		•		○			22.6	3.6	70/70		55	A+	A+	
	LA 60S-TU		•		•	2,530	1,270	760	480	•		•		○			38.0	3.6	75/66		62	A++	A+	
	LA 60S-TUR		•		•	2,530	1,270	760	480	•		•	•	○			38.0	3.6	75/66		62	A++	A+	
	LA 28TBS		•		•	1,130	560	340	210	•		•		○			16.9	3.4	61/58	4.5	65	A++	A+	
	LA 35TBS		•		•	1,450	730	440	270	•		•		○			21.8	3.6	61/58	4.0	64	A++	A++	
<b>LAK/LAW</b>																								
	LAK 9IMR	•				420	210	120	80			•	•	•	○	○		6.3	3.6	63/61	9.0	55	A++	A+
	LAK 14ITR	•				930	460	270	170			•	•	•	○	○		13.9	3.6	67/64	13.0	55	A++	A+
	LAW 9IMR	•				420	210	120	80			•	•	•	• 300 l	○		6.3	3.6	63/61	9.0	55	A++	A+
	LAW 14ITR	•				930	460	270	170			•	•	•	• 300 l	○		13.9	3.6	67/64	13.0	55	A++	A+
<b>LI</b>																								
	LIK 8TES	•				350	180	110	70			•	•	•	○	○		5.3	3.6	53/53		60	A++	A+
	LIK 12TU	•				470	240	140	90			•	•	•	○	○		7.1	4.2	50/50		60	A+++	A++
	LI 9TU	•				360	180	110	70			•	•	•	○	○		5.4	3.9	49/49		60	A++	A+
	LI 12TU	•				470	240	140	90			•	•	•	○	○		7.1	4.0	50/50		60	A++	A++
	LI 16I-TUR	•				470	320	190	120			•	•	•	○	○		9.5	4.3	50/50		60	A+++	A++
	LI 20TES		•		•	460	430	260	160			•	•	•	○	○		12.8	3.4	57/57		60	A++	A+
	LI 24TES		•		•	550	520	310	200			•	•	•	○	○		15.7	3.4	61/61		60	A+	A+
	LI 28TES		•		•	760	720	430	270			•	•	•	○	○		21.6	3.3	61/61		60	A+	A+

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\* TA Lärm: german noise regulations - note country specific noise regulations