

End customer
alterra SWC/SWCV



FLEXIBLE ALLROUNDER

Brine/Water heat station
Indoor installation
alterra **SWC/SWCV**

the better way to heat

THE ALLROUNDER

The brine/water heat pumps SWC/SWCV from alpha inno-tec are as flexible in their installation as hardly any other device. They can be optionally combined with other energy supplies such as photovoltaic systems and thus adapt optimally to different conditions and requirements.

But the device is not only convincing on the inside, the “packaging“ is also impressive: With its elegant and modern design, the heat pump fits into any living environment and can therefore also be placed in living rooms – perfect if there is no cellar for example. And don't worry: the heat pump is almost inaudible during operation! In addition, the frequency-controlled variants adapt themselves optimally to the current requirements of the building and its owners.

With the SWC/SWCV you can heat your home in an environmentally friendly and efficient way, prepare domestic hot water, enjoy the individual feel-good climate in the whole house and the hot water when showering and bathing.

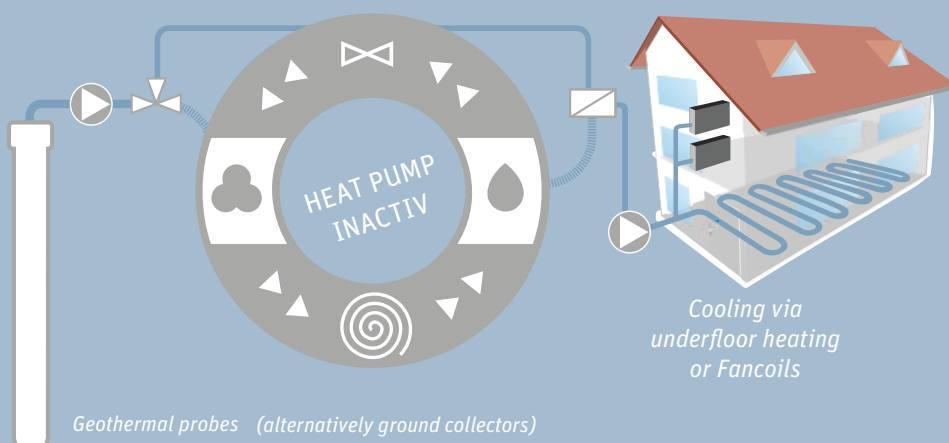
All advantages at a glance

- + Energy-efficient, low consumption costs
- + Heating and domestic hot water preparation (cooling optionally via integrated cooling exchanger)
- + Flexible heating system for all needs
- + Can be combined with ventilation, solar system, wood or pellet stove
- + With alpha app and alpha web very comfortable adjustable – worldwide via smartphone
- + Highest domestic hot water comfort
- + Made in Germany
- + Combination with photovoltaic system possible

COOLING INCLUDED

No other heating system can do this: heating in winter, cooling in summer. Natural cooling is a very cost-effective way of using the low temperatures in the ground for pleasant and environmentally friendly cooling of rooms in summer, because the heat pump remains switched off during the cooling phase. The room temperature is lowered via the panel heating or convectors. Depending on the equipment, the cooling function is already integrated or available as an optional accessory.

NATURAL COOLING



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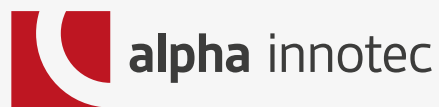
TECHNICAL DATA



V-line
This label immediately identifies the
inverter-controlled heat pumps

Type	Item num.	Performance data				Device					Energy efficiency class	
		Heating capacity BO/W35 [kW]	Cooling capacity B15/W25 max. [kW]	COP BO/W35 partial load	CO ₂ equivalent [t CO ₂]	Hermetically sealed	Refrigerant Filling quantity [kg]	Dimensions W x D x H [mm]	Weight total	Weight without module box	Combination with controller (A+++ bis G)	Space heating 35 °C (A+++ bis D)
SWC 42H3	10068041	4,70	–	4,70	2,2	✓	1,05 ³⁾	598 x 665 x 1500	155	65	A++	A+++
SWC 82H3	10068241	7,70	–	4,90	3,6	✓	1,72 ³⁾	598 x 665 x 1500	175	65	A++	A+++
SWC 102H3	10068342	9,34	–	5,05	4,1	✓	1,98 ³⁾	598 x 665 x 1500	180	65	A++	A+++
SWC 122H3	10068442	12,18	–	5,00	4,7	✓	2,25 ³⁾	598 x 665 x 1500	185	65	A++	A+++
SWC 142H3	10068542	13,50	–	5,08	5,0	✓	2,38 ³⁾	598 x 665 x 1500	200	65	A++	A+++
SWC 172H3	10068642	16,86	–	4,93	5,5	✓	2,65 ³⁾	598 x 665 x 1500	205	65	A+++	A+++
SWC 192H3	10068742	18,60	–	4,87	5,8	✓	2,80 ³⁾	598 x 665 x 1500	210	65	A++	A+++
SWC 42K3	10069041	4,70	4,3	4,70	2,2	✓	1,05 ³⁾	598 x 665 x 1500	163	65	A++	A+++
SWC 82K3	10069241	7,70	7,0	4,90	3,6	✓	1,72 ³⁾	598 x 665 x 1500	183	65	A++	A+++
SWC 102K3	10069342	9,34	8,6	5,05	4,1	✓	1,98 ³⁾	598 x 665 x 1500	188	65	A++	A+++
SWC 122K3	10069442	12,18	10,8	5,00	4,7	✓	2,25 ³⁾	598 x 665 x 1500	193	65	A++	A+++
SWC 142K3	10069542	13,50	12,5	5,08	5,0	✓	2,38 ³⁾	598 x 665 x 1500	212	65	A++	A+++
SWC 172K3	10069642	16,86	14,9	4,93	5,5	✓	2,65 ³⁾	598 x 665 x 1500	217	65	A+++	A+++
SWC 192K3	10069742	18,60	16,6	4,87	5,8	✓	2,80 ³⁾	598 x 665 x 1500	222	65	A++	A+++
SWCV 62H3	10071541	1,25/ 5,95 ²⁾	–	4,86 ¹⁾	2,1	✓	1,16 ⁴⁾	598 x 665 x 1500	145	65	A+++	A+++
SWCV 92H3	10076741	1,77/ 8,65 ²⁾	–	4,76 ¹⁾	2,2	✓	1,25 ⁴⁾	598 x 665 x 1500	149	65	A+++	A+++
SWCV 122H3	10072841	2,48/ 13,56 ²⁾	–	4,87 ¹⁾	3,5	✓	2,00 ⁴⁾	598 x 665 x 1500	168	65	A+++	A+++
SWCV 162H3	10071641	3,20/ 17,20 ²⁾	–	4,92 ¹⁾	3,9	✓	2,20 ⁴⁾	598 x 665 x 1500	180	65	A+++	A+++
SWCV 62K3	10071741	1,25/ 5,95 ²⁾	5,8	4,86 ¹⁾	2,1	✓	1,16 ⁴⁾	598 x 665 x 1500	153	65	A+++	A+++
SWCV 92K3	10076841	1,77/ 8,65 ²⁾	7,8	4,76 ¹⁾	2,2	✓	1,25 ⁴⁾	598 x 665 x 1500	157	65	A+++	A+++
SWCV 122K3	10072941	2,48/ 13,56 ²⁾	12,3	4,87 ¹⁾	3,5	✓	2,00 ⁴⁾	598 x 665 x 1500	176	65	A+++	A+++
SWCV 162K3	10071841	3,20/ 17,20 ²⁾	14,9	4,92 ¹⁾	3,9	✓	2,20 ⁴⁾	598 x 665 x 1500	188	65	A+++	A+++

Data according to EN 14511 | ¹⁾ Specifications at partial load | ²⁾ Specifications min./max. | ³⁾ filled with refrigerant R410A, GWP 2.088 | ⁴⁾ filled with refrigerant R407C, GWP 1.774



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