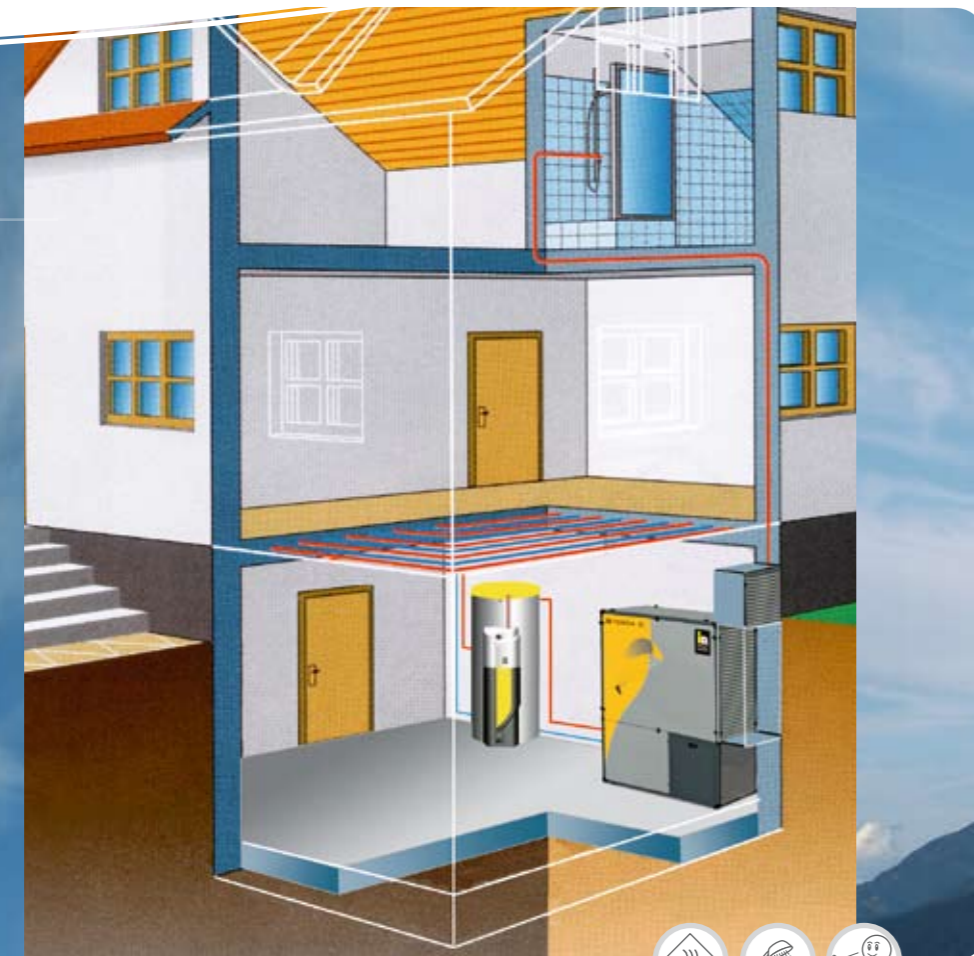


Versatility From Air

With a performance range of 8 to 33 kW, the Terra CL Air Source Heat Pump offers more application options than many other heat pump models. Suitable for buildings with a floor space of up to 500 m², it can also be used to heat swimming pools. The Terra CL is extremely versatile and can be installed in new or existing buildings – both inside or outdoors.



Full Heating – Reduced Costs

Whether the Terra CL operates alone or with an existing heating system you enjoy the heat and save money.

In fact, you can save at least 50% energy costs during 80% of the year!

TERRA-CL AIR SOURCE HEAT PUMP

Technical specifications

Type	08	10	12	15	22	27	33
Heat output at A2/W35 in kW	8,6	10,5	12,6	15,4	21,2	27,4	33,2
COP according to EN 255 at A2/W35 (ΔT =10K)	3,8	3,8	3,8	3,7	3,8	3,7	3,6
Sound pressure level in dB(A) 5m (indoor)	31	33	36	38	43	45	49
Dimensions HxWxD – cm	153x110x75	153x110x75	163x120x78	163x120x78	173x120x88	193x130x98	193x130x98
Weight – kg	240	255	290	310	395	410	480

System Supplied: Speed-controlled radial fan, evaporator defrosting through process inverter circuit and innovative defrosting electronics; with heat control for 2 mixer circuits and connection of a 2nd level (heating immerser or oil tank), integrated charging pump, integrated electric heating immerser 6.0 kW (up to 15 CL); 2 flexible connection hoses included; upgrade set for outdoor placement (eg cover hood, weather-protection grid, etc) upon request.

The Air You Heat Is The Air You Breathe

IDM uses what is available around us – energy that doesn't cost the earth. No matter how cold the winter becomes, the Terra CL Air Source Heat Pump will provide your heating needs. At IDM we've developed a range of modern systems that save energy and protect the environment. The Terra CL is another member of the IDM energy family of which we're proud. **Terra CL – Powerful. Durable. Quiet. Reliable.**

THE IDM ENERGY FAMILY

Heat pump	Heat pump	Fresh water system	Solar Thermal
TERRA	TERRA-MAX	HYGIENIK	EVA + solar panel
soil, water	soil, water	hot water production	heating + hot water
4 – 45 kW	50 – 200 kW	25 – 140 l/min	1,000 – 4,000 l



THE POWERFAMILY

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AIR SOURCE HEAT PUMP

TERRA-CL

www.idm-energie.com

Quiet Power!



THE POWERFAMILY

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THE LIBERATOR

Air provides freedom – and not just to paragliders. It also offers opportunities to anyone who wants to exploit its ability to provide heating and hot water.. Energy extracted from air means reduced dependence on conventional heating sources and in a world where we're looking for solutions to reduce our energy consumption and bills, the Terra CL air source heat pump delivers a real option.

The Terra CL air source heat pump reduces the upheaval that the installation and siting of many conventional heating systems require. No boiler room is needed; because of its low noise levels, it can be installed almost anywhere close to your building.

TERRA-CL

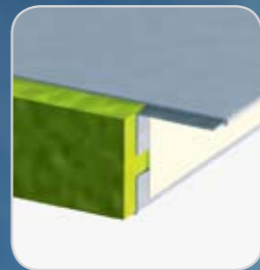
AIR SOURCE HEAT PUMP



THE EXPERTS' OPINION

The Terra CL has also impressed researchers: The international research institute at the University of Buchs' heat pump test centre in Switzerland performed a scientific evaluation of the Terra CL Air Source Heat Pump. They certified it the most efficient and silent heat pump in its category.

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High absorption rate through thermally insulated casing



Extra savings – highly efficient radial fan



Easy-to-use, quiet performance, highly energy efficient

Quiet Power!

+ only 31 dB(A)

+ COP 3,8 (A2/W35)

+ 8 to 33 kW



HYGIENIK

Quiet Power

The Terra CL heat pump is one of the quietest air source heat pumps on the market. This is because its fully thermally insulated casing separates the machine's interior from the outside environment. This results in considerable sound insulation and optimised thermal insulation.

Three Times More Heat Than Conventional Systems

The Terra CL Compact Air Source Heat Pump delivers the best energy-saving performance of its type on the market. A conventional heating system only delivers as much heat energy as it consumes (oil, gas, electric). The Terra CL's its extremely powerful radial fan provides for high air pressure which maximises its capacity. **Every 1 kW power it uses delivers 3.8 kW output.**

Your comfort first

The compact design of the Terra CL Air Source Heat Pump ensures that right from the start, it's easy to use. At night time, the rotation speed of the heat control makes the machine even quieter.

HOT WATER ON DEMAND

The Terra CL Air Source Heat Pump delivers comfortable room temperatures throughout the house and a complete fresh hot water supply for the family

at the same time. Combined with the HYGIENIK fresh water system*, the Terra CL provides water for all the family. With the Hygienik Tank, fresh hot

water is available on demand. As this water has never been stored, there is no chance for micro-organisms such as legionella to develop.



Lower Cost Heating from Air.



THE POWERFAMILY