

Introduction



C o n t e n t s

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Introduction

AVGSystems is proud to present the SystemIntovate 1, the unique concept for climate control in your (holiday) home. SystemIntovate1 is a concept based on 30 years of experience in heating and cooling technology.

It is a total concept of heating, cooling, swimming pool heating and hot water supply. SystemIntovate 1 particularly shows its strength when used in homes in sunny climates. SystemIntovate1 is an innovative system which can be used all over the world. It can be expanded in such a way that the system can be operated remotely. The system makes a great contribution to your comfort and health. Moreover, the system is easy

maintenance and energy efficient.

This introduction will give you information on the composition of the SystemIntovate1 and the various options for use. In addition, this introduction will convince you as to the qualities and the advantages it has to offer you.



Marius van Genugten
Director of AVGSystems bv

A stylized, handwritten signature in black ink, appearing to read 'Marius van Genugten'.

Comfort and Health

Everyone who chooses SystemIntovate 1, chooses comfort, health and durability.

Comfort

- Always a pleasant temperature
- Pleasant, even cooling because of floor cooling
- No cold tile floors
- Individual control per room by radiographic (programmable) thermostats
- Optional: integrated swimming pool heating for 4 to 6 months extra swimming pleasure
- Optional: integrated hot water supply through heat pump boiler with a big reservoir
- Optional: remote operation of system via modem

Health

- No draft
- No bacteria formation
- No noise from individual cooling units

Durable and cost-saving

- More environmentally friendly than gas-operated systems (decreased greenhouse effect – reduction in CO₂)
- Less maintenance due to application of one system
- No gas installation necessary
- Lower energy costs
- Increases worth of home due to advanced installation

Universal thermostat controller

In all versions referred to hereafter, the system is steered by one universal controller.

This is unique. This controller indicates the radiographic thermostats per room. The radiographic thermostat in the living room can be programmed to control all installations and has a hydrostat for condensation control.

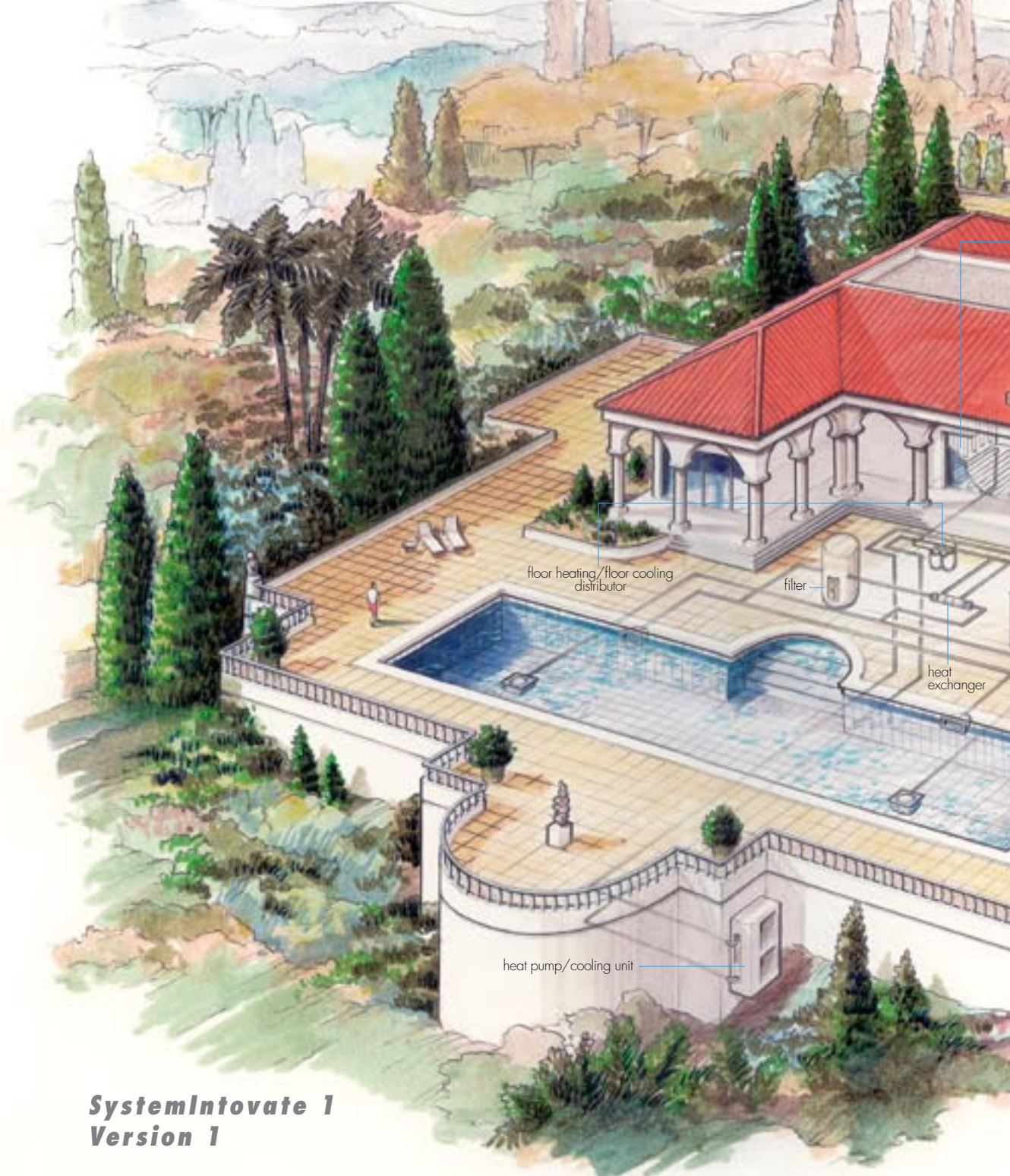
The thermostats in the other rooms can be individually programmed for heating and cooling.

The universal controller can be equipped with a modem for remote steering via a mobile phone.

Simplicity

- System design taking simplicity as its basis
- Easy to install (plug and play)
- Easy to operate
- Standard components which are easy to replace
- No obstacles in the room like radiators, pipes and/or ceiling-mounted cooling units





**SystemIntovate 1
Version 1**



wall heating/cooling

floor heating/cooling

heat pump boiler

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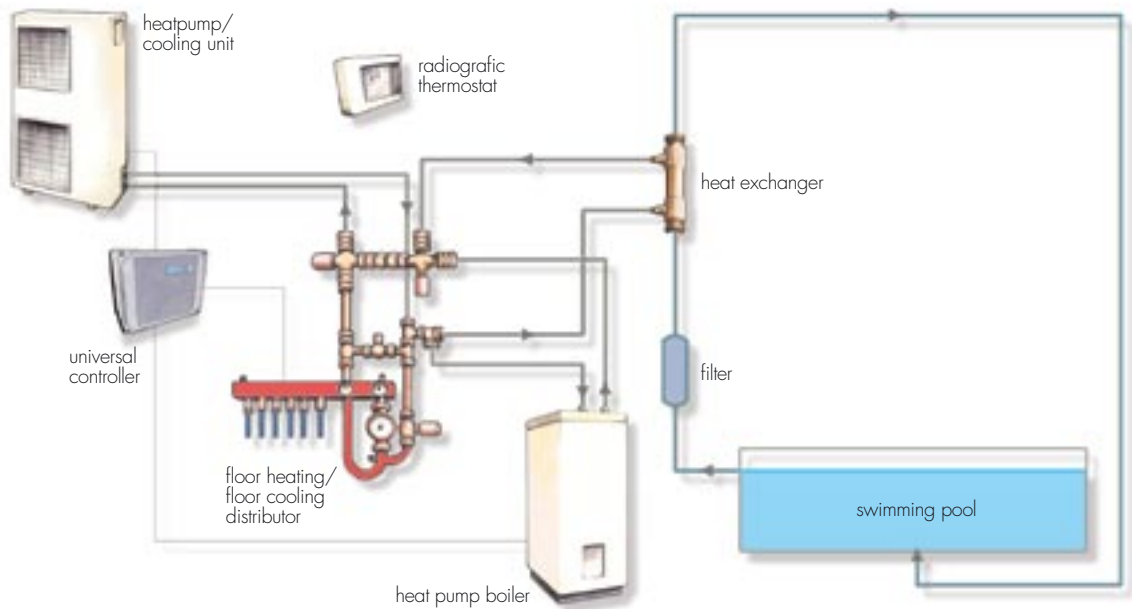
SystemIntovate 1 a n t o t a l c o n c e p t

SystemIntovate 1 is completely flexible and can be aligned to the personal wishes of the customer and the possibilities on site. Version 1 contains all components, the other versions present different options.

Version 1

Heat pump/cooling unit for floor heating
and floor cooling

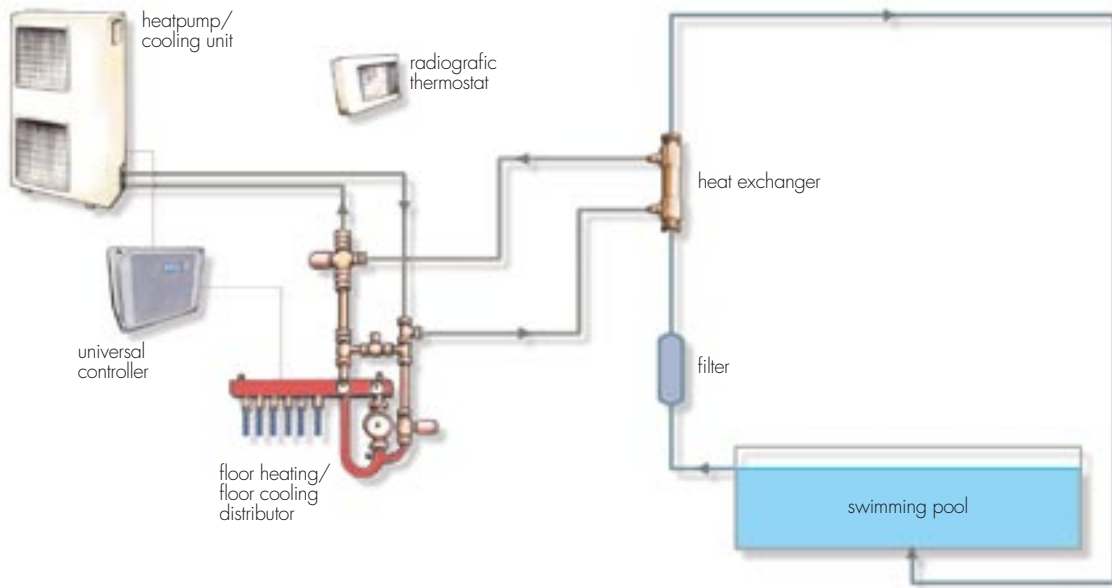
Integrated swimming pool heat exchanger
Integrated heat pump boiler

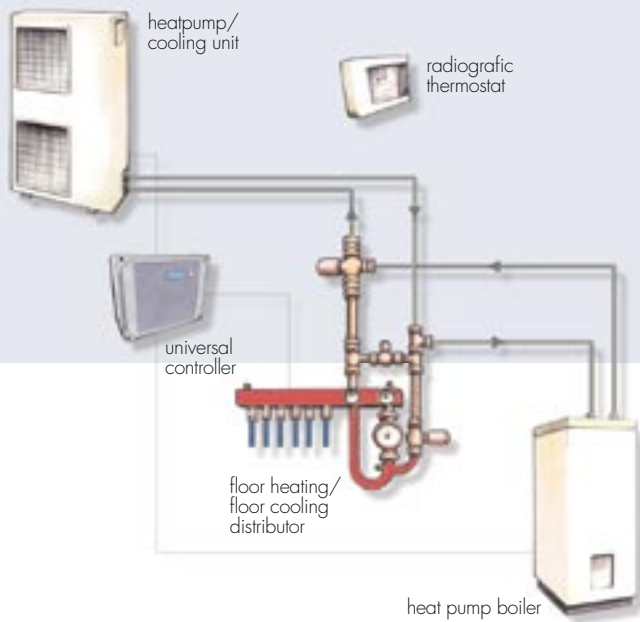


Version 2

Heat pump/cooling unit for floor heating and floor cooling

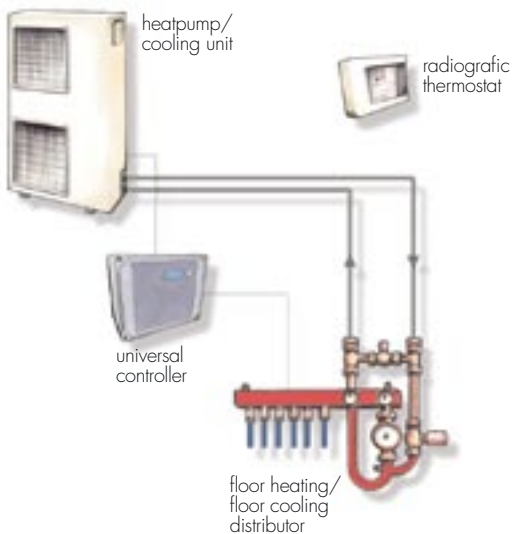
Integrated swimming pool heat exchanger





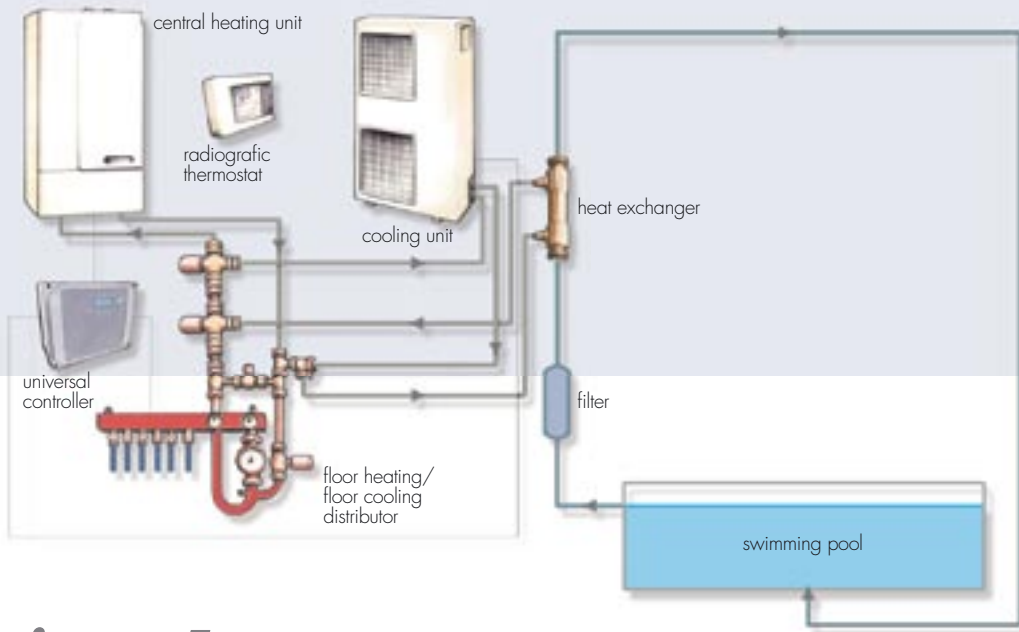
Version 3

Heat pump/cooling unit for floor heating
and floor cooling
Integrated heat pump boiler



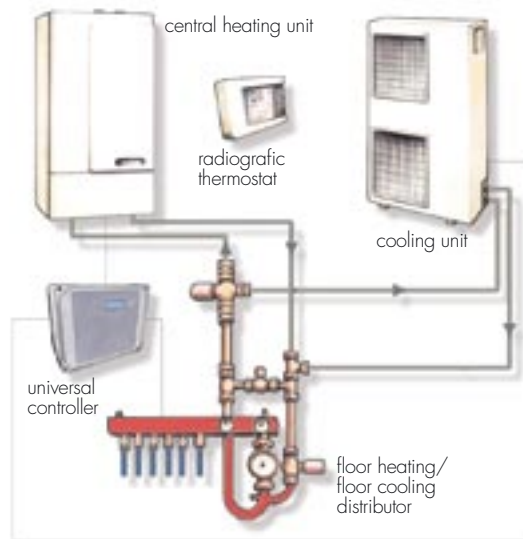
Version 4

Heat pump/cooling unit for floor
heating and floor cooling



Version 5

- Central heating boiler for floor heating
- Cooling unit for floor cooling
- Integrated swimming pool heat exchanger



Version 6

- Central heating boiler for floor heating
- Cooling machine for floor cooling

Quality Guaranteed

Cooperation with European top suppliers means that SystemIntovate 1 ensures you have the highest quality. All companies working together on this product have a long and rich history in the area of quality and innovation. The floor heating and floor cooling system is produced by WTH Vloerverwarming, a market leader in this area in the Netherlands.

WTH
Vloerverwarming

The same applies to the suppliers of the control installation, the radiographic thermostat, the heat exchanger for the swimming pool and the heat pump boiler. A pleasant certainty. All components used are perfectly aligned to each other and give you the guarantee of maximum enjoyment of your home. Thanks to the simple

and universal set-up the system is user-friendly and easy to replace. By choosing the unique SystemIntovate 1 you are choosing the very best.

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