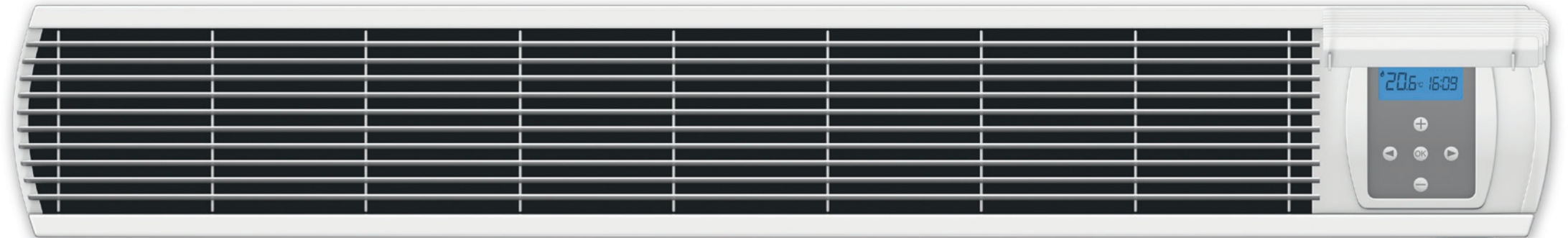


THE WORLD'S **COOLEST** **FAN CONVECTOR**

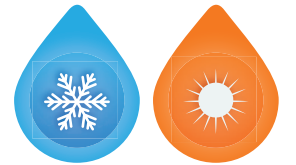


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VIDO OFFERS ENHANCED INDOOR COMFORT CONTROL
WITH INTELLIGENT **HEATING & COOLING** OPTIONS



HAND IN HAND

Cool is not everything, because efficiency also is important. With Vido these two go hand in hand. This all new Vido generation can create quickly a pleasant and comfortable indoor climate at low costs and low system water temperatures.

That's why also Vido carries the 'Clever' label, since it's more efficient and uses less energy compared to other heating solutions.

Clever design starts with clever thinking.

For decades, Radson has been refining and perfecting the art of radiators, as part of the family company Rettig ICC, the world's number one for indoor comfort. Radson has a complete range of designs, sizes and colours, as well as a wide selection of electric radiators and underfloor systems.



COOLING



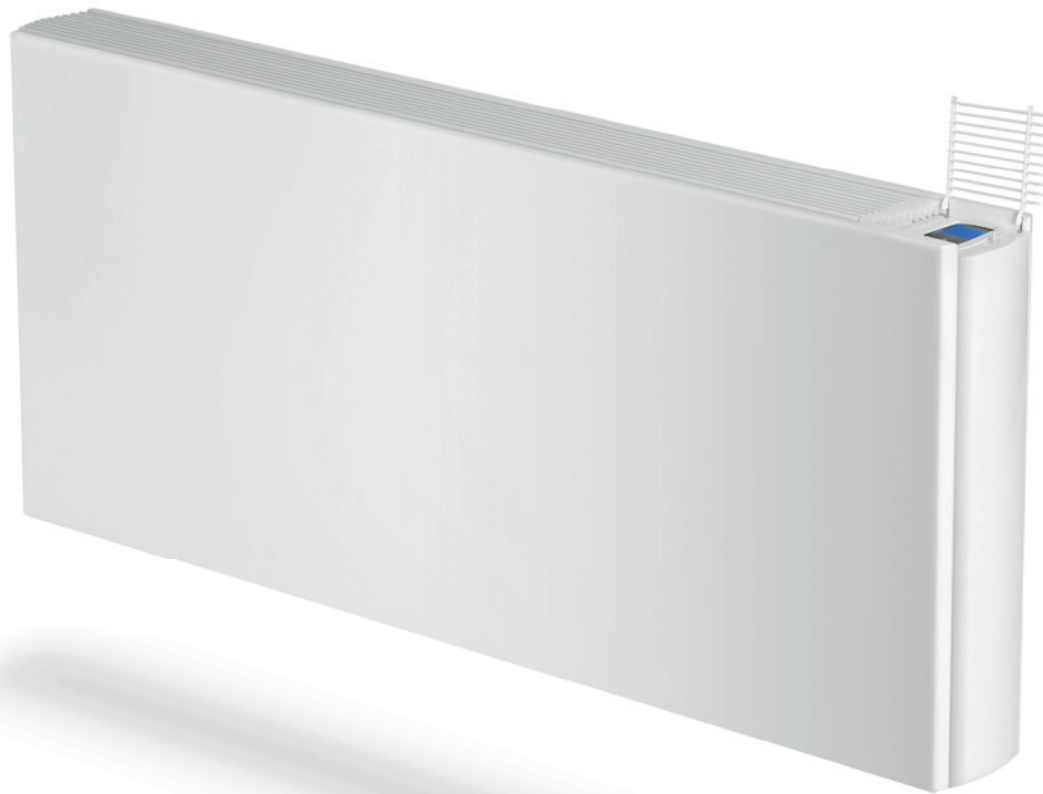
LOW TEMPERATURE
COMPATIBILITY



HIGH OUTPUTS



RAPID HEAT



INTELLIGENT CONTROLS



SILENT OPERATION



SPACE SAVING



MODERN DESIGN

The new Vido range from Radson heats your home rapidly in cold weather and cools it in warm weather. This energy-efficient innovation delivers quick, accurate temperatures all year round, with a heat output up to 9,266 Watts, and cooling power up to 4,147 Watts. The Vido is a promising energy-efficient innovation that delivers rapid, accurate temperature control, with a range of automatic and user-friendly programs.



A SILENT AND REFRESHING CHANGE



A HEATING SYSTEM THAT KEEPS YOU COOL?

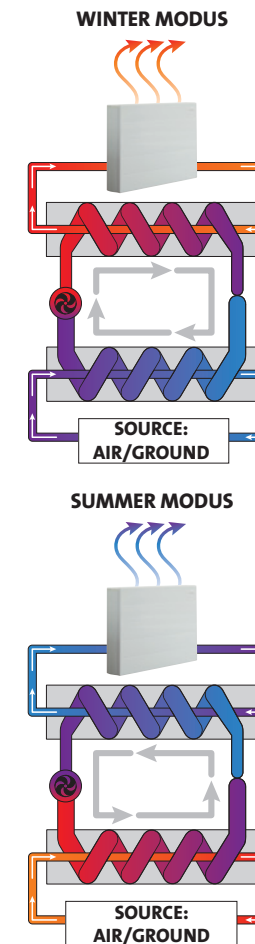
That's the Vido, the innovative wall-mounted convector from Radson. Within the Vido's slimline design is a heat exchanger with a large surface area. In the winter months, hot water pumps through this, and is distributed into the room via an integrated fan. During the summer months, the same system is used to cool down the home.

How does it work? The Vido's heat exchanger is filled with cooled water via a heat pump set to operate in reverse cycle, or via a specialized cooling system. Using its variable speed integrated fan, the Vido fills the room with refreshing, chilled air, lowering the temperature and providing fast relief from those uncomfortably hot summer days.

The Vido provides individually programmable output for every room in your home. If some of your family prefer things a little warmer than others, their room can be quickly set to a higher comfort setting. Similarly, if you want bedrooms to be heated up at a certain time of the evening, or the living room to have less heating after everyone goes to bed, that can all be controlled at the touch of a finger.

As the very latest innovation from Radson, the Vido brings energy efficiency to the heart of the home, using between 5 and 10% of the water content of a traditional radiator with equivalent output. It delivers excellent heat output, even with lower water temperatures, and is ideal for use with traditional boilers and renewable heat sources.

Next to that, there are now two models to choose from - the original 2-pipe Vido and the newly introduced 4-pipe version which is built with cooling in mind.





COOLING

When connected to a chilled water supply, it can rapidly cool spaces.



LOW TEMPERATURE COMPATIBILITY

The Vido works efficiently with both low temperature systems, such as heat pumps, and traditional systems, such as gas/oil-fired boilers.



HIGH OUTPUTS

The Vido has a large surface area heat exchanger. This feature combined with forced convection from its in-built fan produces high heat outputs.



RAPID HEAT

The Vido has a much lower water content than other heat emitters, such as panel radiators and underfloor heating. In fact, the water content is less than 10% of that of a traditional radiator. Its lower thermal mass means the Vido works quickly and efficiently.



INTELLIGENT CONTROLS

The Vido has the most advanced controller that Radson has ever developed and it is flexible enough to suit all lifestyle requirements with both 'easy' and 'full' operating modes plus an in-built option to link to a building management system (BMS).



SILENT OPERATION

Sound levels were a key consideration during the development stage of the Vido. Radson is proud to have now delivered the quietest fan convector we have ever made, with no compromise on heat outputs.



SPACE SAVING

Due to these high heat outputs, Vido's are much smaller than panel radiators with equivalent outputs and so take up less wall space.



MODERN DESIGN

With its compact size and modern design, the Vido is a product that delivers indoor comfort without compromising on style.

INTELLIGENT AND EASY TO USE CONTROLS

The intelligent, electronic control system in every Vido provides a wide range of easy to use heating and cooling operating options. Its two-tier level of programming incorporates an 'easy' mode for basic operation and a 'full' mode for more advanced functions.

- Each Vido is individually programmable
- 24/7 programmer with 1 hour time periods
- Lockable LCD backlit display
- Automatic and manual options for control of fan speeds
- Available in RAL 9016
- Option to link to building management systems
- Night set-back function
- Programmes saved in memory for 12 hours in case of power failure
- Radson offers a 5-year quality guarantee on Vido and a 2-year guarantee on electrical components.

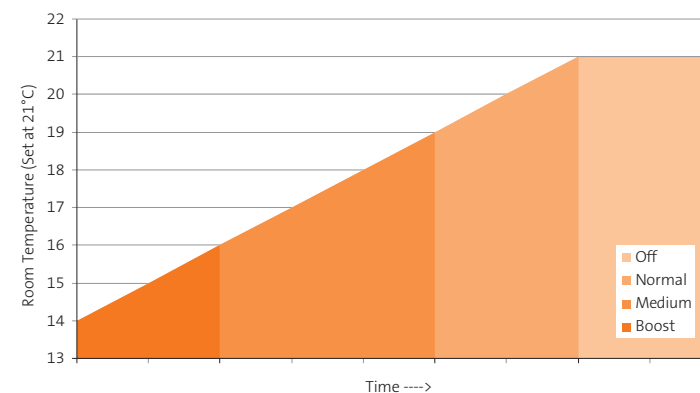


	VIDO				
	600x800	600x1000	600x1200	600x1400	600x1600
Length (mm)	800	1.000	1.200	1.400	1.600
Height (mm)	600	600	600	600	600
Depth (mm)	153	153	153	153	153

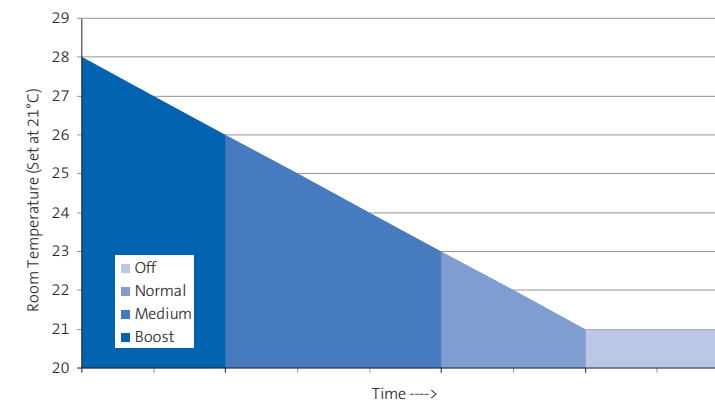


ISO9001 + 14001

WINTER HEATING - If the room temperature is 5°C or lower than the set point then the Vido will activate boost mode, which will ensure the room heats up quickly. When the room is within 5°C of the set point then the Vido will automatically switch to medium until the room temperature is within 2°C, then the normal fan speed will be selected. The Vido will then maintain the normal fan speed until the set point has been achieved.



SUMMER COOLING - The process is the same as the Winter Heating cycle however the temperatures will be above the set point rather than below.



COMFORTABLE WARMTH FOR EVERYONE



2- OR 4-PIPE

The new Vido range exist out of 5 different sized models that are suited for 2- or 4-pipe connections, and is available with a range of accessories including new control valves and a condensate pump for cooling installations. As you would expect from a Radson innovation, the Vido comes complete with an innovative, intelligent and easy-to-use control. Whatever the desired indoor climate, Vido will create it quickly. In summer and winter.



The main difference between the 2 and 4-pipe Vido is that the 4-pipe Vido has 2 heat exchangers, one for heating and one for cooling.



This means that each heat exchanger has its own set of flow and return pipes, one from a boiler and one from a chiller.



Critically this means, from a system design point of view, that if a system has multiple Vido's installed some can be used for heating whilst others can be used for cooling at the same time.



When would this facility be required? A large building may experience different temperatures in different areas. For example, a south facing façade will typically be warmer than a north facing one. This means that while heating may be required on the north side of the building, the south side with its increased solar gains may require cooling.



This means that the Vido allows a system to work to its full flexibility and buildings can maintain an all-round comfortable temperature throughout the year.



2-PIPE MODEL

A system using 2-pipe Vido's can normally be used for either heating or cooling. For heating purposes, the Vido's in a system all need to be connected to a heat source, i.e. boiler or heat pump, and for cooling operation they have to be connected to a chiller.

However, if a reverse cycle heat pump is installed in the system then it is possible for all Vido's on the system to either heat or cool, depending on which cycle the heat pump is in. A key point to note is that both the heated and chilled water flow through the same 2 pipes, therefore, the entire system must either be in heating or cooling mode.



2-Pipe 3/4" BSP-connection



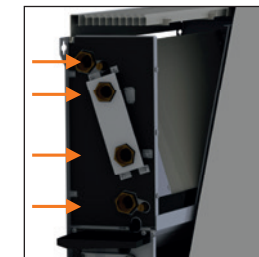
CONDITION	FAN SETTING	600x800	600x1000	600x1200	600x1400	600x1600
75-65-20	Normal	1997	2739	3288	3867	4460
	Medium	2678	3661	4448	5265	6082
	Boost	3682	5124	6521	7894	9266
45-35-20	Normal	738	1012	1214	1428	1647
	Medium	989	1352	1643	1945	2246
	Boost	1360	1892	2409	2916	3422



CONDITION	FAN SETTING		600x800	600x1000	600x1200	600x1400	600x1600
7-12-27	Normal	TOT	707	1011	1520	1490	1729
		SENSE	527	1753	931	1110	1288
	Medium	TOT	1126	1600	1960	2320	2679
		SENSE	829	1178	1442	1707	1972
	Boost	TOT	1648	2304	2918	3533	4147
		SENSE	1227	1716	2173	2631	3088

4-PIPE MODEL

The 4-pipe Vido model has two pipes connecting to a heat source and two pipes connecting to a chiller. This feature enables an enhanced facility for indoor comfort within a building whereby the Vido can provide both heating and cooling to different parts of the same building at the same time -an extremely useful option when one area is in shade whilst another concurrently has a sunny aspect i.e. north and south facing aspects.



4-Pipe 3/4" BSP-connection



CONDITION	FAN SETTING	600x800	600x1000	600x1200	600x1400	600x1600
75-65-20	Normal	1398	1917	2302	2707	3122
	Medium	1875	2563	3114	3686	4257
	Boost	2577	3587	4565	5526	6486
45-35-20	Normal	517	708	850	1000	1153
	Medium	692	946	1150	1362	1572
	Boost	952	1324	1686	2041	2395



CONDITION	FAN SETTING		600x800	600x1000	600x1200	600x1400	600x1600
7-12-27	Normal	TOT	672	960	1444	1416	1643
		SENSE	501	715	884	1055	1224
	Medium	TOT	1070	1520	1862	2204	2545
		SENSE	788	1119	1370	1622	1873
	Boost	TOT	1566	2189	2772	3356	3940
		SENSE	1166	1630	2064	2499	2934

VIDO 2-PIPE CONNECTION		600x800	600x1000	600x1200	600x1400	600x1600
Weight	Packed (kg)	25.6	30.8	35.8	41.1	46.4
	Unpacked (kg)	22.8	27.7	32.5	37.5	42.6
Water content	(l)	0.66	0.92	1.19	1.45	1.72
Sound level (dBA)	Normal	24.8	27	24	24.9	27
	Medium	37.7	35.8	40.5	35.5	35
	Boost	47.9	47.9	51.7	54.8	56.3
Voltage	(V)	230	230	230	230	230
Power	(Watts)	32	35	44	53	65

VIDO 4-PIPE CONNECTION		600x800	600x1000	600x1200	600x1400	600x1600
Weight	Packed (kg)	25.6	30.8	35.8	41.1	46.4
	Unpacked (kg)	24.8	30.1	35.3	40.7	46.2
Water content (l)	Heating	0.33	0.46	0.60	0.73	0.86
	Cooling	0.66	0.92	1.19	1.45	1.72
Sound level (dBA)	Normal	24.8	27	24	24.9	27
	Medium	37.7	35.8	40.5	35.5	35
	Boost	47.9	47.9	51.7	54.8	56.3
Voltage	(V)	230	230	230	230	230
Power	(Watts)	32	35	44	53	65

CLEVER AND FLEXIBLE HEATING SOLUTIONS

The Vido is a flexible heating solution. It has been designed to operate efficiently in a variety of systems and situations. The Vido has a powerful combination of features that enable it to provide a fast, accurate and co-ordinated response to the heating requirements of every room in a building.

The Vido has proven to be a popular choice within the commercial sector, having been installed in a variety of locations, such as schools, universities, care homes and retail facilities. The Vido has also been installed in special areas such as a boat house, garden centres and car showrooms.



A cost effective option for use with both traditional boilers and renewable heat sources.



Easy to install alone or add to an existing heating system in individual rooms, as and when required.



Operates efficiently alongside other heat emitters on the same low water temperature system. For example, underfloor heating could be installed on a ground floor and the Vido on upper floors. It can also be combined with radiators and towel warmers in the same building.

