



Designed and manufactured by Fresh in Sweden

INTELLIVENT[®] 2.0

Quieter • Stronger • Smarter



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Quieter, stronger and smarter INTELLIVENT® 2.0



Intellivent® 2.0 is the second generation of our unique bathroom fan, with an improved performance at a lower noise level. It also includes a new smart function, enabling you to easily remove the impeller for cleaning.

One model - all the functions

It couldn't be simpler for the electrician. Intellivent® 2.0 is only available in one design, packed full of features. Four anchor points and four cable inlets ensure installation is flexible.

Integrated safety switch

Intellivent® 2.0 has an integrated omnipolar switch as standard, removing the need for installation of a separate switch, which saves both money and time on installation.

Both Ø100 and Ø125 in the same fan

Intellivent® 2.0 can be connected to exhaust air ducts with a diameter of 98-100mm or 118-125mm using the two adapters supplied with the fan. The adapter for the 125mm duct boosts capacity and further reduces the noise level.

Intelligent and self-adjusting humidity control

Intellivent® 2.0 has intelligent, fully automatic humidity control, which means the fan learns each family's habits. An integrated "sniff function" controls the fan to produce optimum performance in each bathroom.

Removable impeller

The fan is now equipped with an impeller which can easily be removed for cleaning.





21
DB
SOUND LEVEL

GROUND FLOOR

5
WATT
ENERGY

EMERDA

5
YEAR
GUARANTEE

ROYAL WALE

Intellivent® 2.0 is only available in one design - packed full of functions

Self-adjusting humidity control

Fresh is now introducing a unique, fully automatic, intelligent humidity control. This means that the fan adapts to each family's habits and learns to run only when it can make a difference. The integrated "sniff function" means that the fan is continually asking itself whether it is making a difference. If it needs to lower the humidity of the air, it starts automatically. This "intelligence" is controlled via an integrated microprocessor, with software that has been thoroughly tested in different environments over several years. The fan also has two capacity modes for humidity control, silent or max.



Integrated safety switch

Intellivent® 2.0 has an integrated omnipolar switch as standard, no separate switch is required. According to the Swedish standard for household appliances and apparatus SS-EN 60 335, it must be possible to disconnect electrical equipment in this category from the mains supply. In a fixed installation, an omnipolar switch with a contact distance of at least 3mm must always be installed.



Life span

Thanks to the low voltage motor, which has an operating time of around 60,000 hours, the life span is up to five times longer compared with an ordinary fan. We are so confident of the quality of Intellivent® 2.0 that we offer a five year guarantee.

Virtually silent

The low voltage motor uses extremely quiet bearings and is almost silent when working. Those of you who previously had a fan with a conventional AC motor will hardly notice that the fan is running.



Cleanability

A very popular function is the ability to open the centre of the fan and gain free access to the duct. In the new Intellivent® 2.0 the impeller can easily be removed for cleaning.

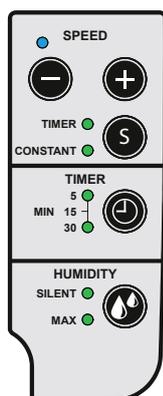
Control panel

The fan functions can easily be controlled via the panel. When the fan is connected to the mains supply, it also performs a self-test where all the LED lights on the control panel and the function of the motor are tested. The control panel buttons are built to withstand at least one million button presses.



Integrated speed control

Intellivent® 2.0 has an integrated speed control which controls the fan's capacity. During continuous operation the fan can run extremely quietly at low speed. When the fan next detects humidity it starts the function and speed you have chosen, either Silent or Max mode. You can choose different capacities for different functions. With the timer function, for instance, it is possible to have a higher speed for faster extraction.



Timer

Intellivent® 2.0 has an integrated timer which you can activate in several different ways, either via the light switch, pull cord or a separate switch, of standard or momentary type.

Airing function

Intellivent® 2.0 has a function that has the fan running an airing program for 60 minutes to air and exchange the air in the bathroom if the fan has been inactive for 26 hours. This function means you can avoid stuffy, musty odours in the bathroom when you have been away for a while.

Communication

Intellivent® 2.0 always lets you know what it is doing with the help of an LED indicator in different colours. A blue light means the fan is working to expel hazardous moisture; a yellow light means the timer is activated; a purple light means the fully automatic airing function is active.



Back draught protection

When there is a risk of backdraught when the fan is mounted on the wall, leave the fan running continuously at low speed or install the back draught protection accessory.

Power consumption

Thanks to Intellivent® 2.0 being operated by a low-voltage motor, it has been possible to substantially reduce energy consumption. The fan only consumes five watts, about a third of what a conventional bathroom fan uses.

Front covers

Intellivent® 2.0 is delivered fully assembled in white or black design. A number of different coloured front covers are available as extras, or choose a colour yourself.

Intellivent® 2.0 bears comparison!

Functions

Built for continuous operation/long life	✓
Adjustable speed control	✓
Intelligent, self-adjusting humidity control	✓
Opportunity for fully surface-mounted installation	✓
Integrated safety switch	✓
Control panel for simple and exact adjustment	✓
Cleanable/easy access to duct	✓
LED light indicates the different functions of the fan	✓
Several different colour options	✓
Airing function	✓
Acceleration function	✓
Suitable for installation on an uneven surface	✓

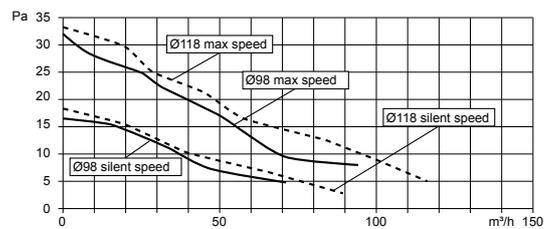
Technical data

Maximum capacity (free blowing)	134 m ³ /h
Sound pressure level 3m (Silent mode)	21 dB(A)
Power consumption	2.1 - 5.5 W
Mounting dimensions in wall	0-30 mm
Holes	105-130 mm
Material	ABS plastic
Protection rating	IP44
Insulation class	□
Voltage	100-240 V
Frequency	50-60 Hz
Certificates	Ⓢ Ⓜ Ⓜ Ⓜ

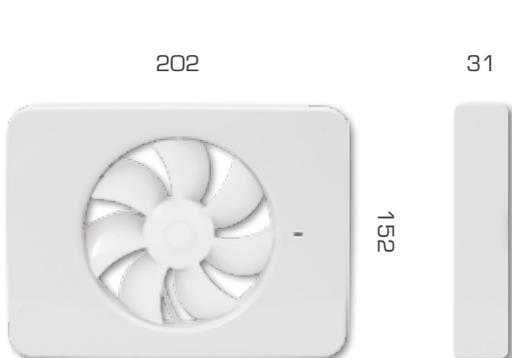
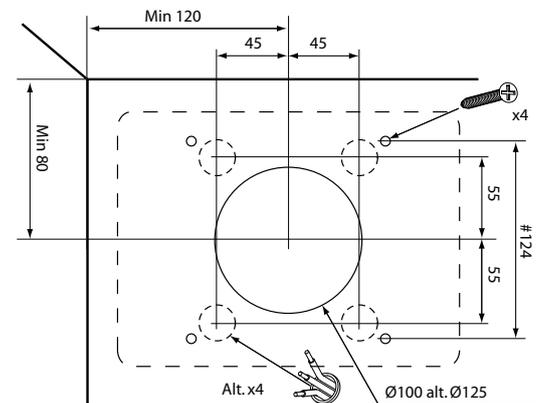
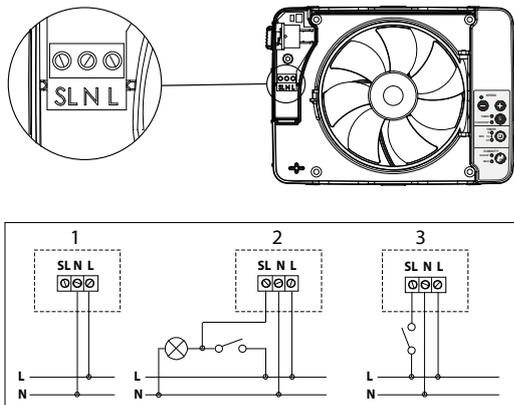
Noise and Capacity data

Adapter diameter	Max / Silent	Capacity (free blowing)	Sound pressure level 3m
Ø 98	Max	107 m ³ /h	28 dB(A)
Ø 98	Silent	74 m ³ /h	21 dB(A)
Ø 98	Constant	42 m ³ /h	12 dB(A)
Ø 118	Max	134 m ³ /h	29 dB(A)
Ø 118	Silent	86 m ³ /h	21 dB(A)
Ø 118	Constant	55 m ³ /h	13 dB(A)

Capacity



Wiring diagram



Adapters



Manual



INTELLIVENT® CELSIUS™

Move excess heat effectively!

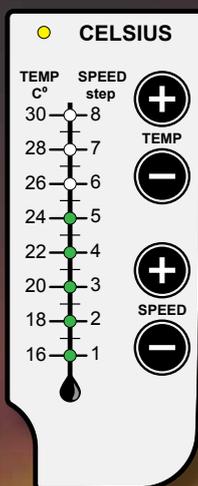
- Both low-speed and acceleration functions
- Integrated safety switch
- Built-in calibration bar thermostat and speed control



Intellivent® Celsius™ is an extractor fan with an integrated thermostat and speed control. The fan can also be programmed for continuous operation with acceleration when required. Delivered with a white injection-moulded front cover. Noise level from 10 dB(A) to 29 dB(A).

Art. no. 197216

Duct diameter	Speed steps 1-8	Capacity, free blowing (m³/h)	Sound pressure level 3m (dB A)
Ø 100	1	32	10
Ø 100	2	41	12
Ø 100	3	49	14
Ø 100	4	61	18
Ø 100	5	70	21
Ø 100	6	77	23
Ø 100	7	85	25
Ø 100	8	105	28
Ø 125	1	41	11
Ø 125	2	55	13
Ø 125	3	64	14.5
Ø 125	4	79	18
Ø 125	5	89	21
Ø 125	6	98	24
Ø 125	7	108	27
Ø 125	8	134	29



Accessories

G100

Inlet kit Ø100
Art. no. 135114



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FANS

Art no	EAN	Product
197276	7318111972769	Intellivent® 2.0 White
197278	7318111972783	Intellivent® 2.0 Black

HEAT TRANSPORTER

Art no	EAN	Product
197216	7318111972165	Intellivent® Celsius



ACCESSORIES

Art no	EAN	Product
197222	7318111972226	Intellivent® Front cover Silver
197224	7318111972240	Intellivent® Front cover Titan
197226	7318111972264	Intellivent® Front cover Red
197228	7318111972288	Intellivent® Front cover Champagne
197218	7318111972189	Intellivent® Front cover White
197220	7318111972202	Intellivent® Front cover Black
197236	7318111972363	Intellivent® Cover plate White
197238	7318111972387	Intellivent® Cover plate Black
188010	7318111880100	Wall pipe 98/102x100
185150	7318111851507	Wall pipe 118/122x150
440111	7318114401112	Alu grille with adapter 100/130
440211	7318114402119	Alu grille with adapter 125/150
669801	7318116698015	Back draught protection 100
669812	7318116698121	Back draught protection 125
197244	7318111972448	VG100 Mounting kit
197245	7318111972455	VG125 Mounting kit
135114	7318111351144	G100 Inlet kit Celsius



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