

jaga
CLIMATE DESIGNERS



NEW

STRADA HYBRID MM



The most ecological heat pump radiator with central connection

FOR MORE INFORMATION:
+32 11 29 41 12 info@jaga.com jaga.com

jaga

CLIMATE
DESIGNERS

STRADA HYBRID MM

Also suitable
for Jaga Light
Cooling

Strada Hybrid MM T11
H50 x L120
⊞ 45/40/20: 1171 Watts
⊞ 16/18/20: 473 Watts



THE ULTIMATE PLUG & PLAY HEAT PUMP OUTPUT SYSTEM

- Hybrid technology for extra high output at low water temperature. No larger units required.
- Gets the best out of every heat pump, for heating as well as non-condensing cooling.
- Ready-made unit, completely pre-assembled, including concealed faucets.
- Operate the invisible integrated thermoelectric motor with the intuitive fingertip control.. Choose your desired temperature setting with one push of the button.
- No complex mathematics to calculate this connection. It stays the same, regardless of height, length and type of the model of your choosing

THE MOST ENERGY-EFFICIENT TECHNOLOGY IN A SUPER TIGHT DESIGN

LOW-H₂O HEAT EXCHANGER

The Low-H₂O heat exchanger is the hyper-reactive, aluminium and copper motor of the ecological Jaga products.

THERMOELECTRIC MOTOR 24VDC

is pre-assembled invisibly inside the casing and controlled via the temperature that is set with the fingertip control.



VALVE INTEGRATED in the brass collector.

H-BLOCK with sleeve couplings for hydronic connection is supplied as standard.

FAST AND EASY INSTALLATION WITH CENTRAL CONNECTION!

Universal central connection and wall distance, regardless of length, height or type (thickness) of the unit.

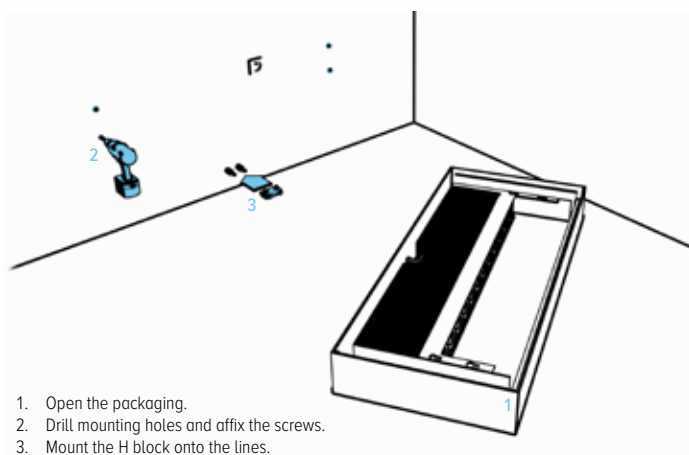
HYBRID TECHNOLOGY



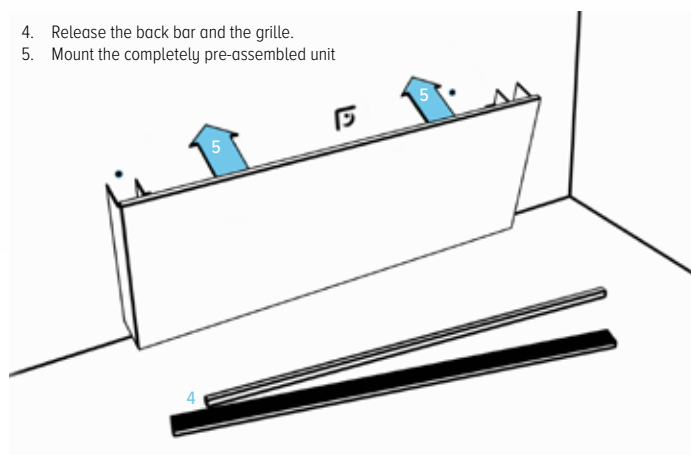
The DBH rail is a booster specifically designed for Jaga Low-H₂O convectors to increase the output and to cool with a very low energy consumption.



NEVER BEEN EASIER TO INSTALL



1. Open the packaging.
2. Drill mounting holes and affix the screws.
3. Mount the H block onto the lines.



4. Release the back bar and the grille.
5. Mount the completely pre-assembled unit

INCLUDING 24VDC POWER SUPPLY

Plugin 230VC power adapter to 24VDC power cable in or next to the casing.

FINGERTIP CONTROL for temperature setting, switching between heating/cooling and boost function for maximum output.



SUPER TIGHT DESIGN

Flat front panel with ultra solid aluminium designer grille.

NEW COLOUR CHART WITH THREE STANDARD COLOURS

In addition to Traffic white (133) and Sandblast grey (001), we now also offer Off-black (145) as a standard colour.

Sleek and stylish in all its simplicity!



TRAFFIC WHITE 133 SANDBLAST GREY 001 OFF-BLACK 145

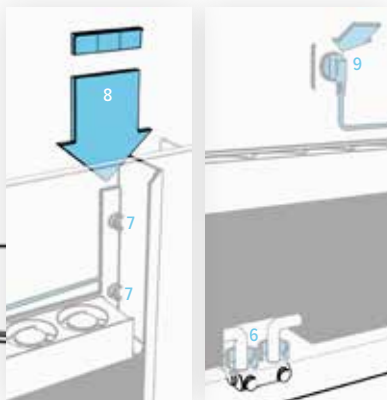
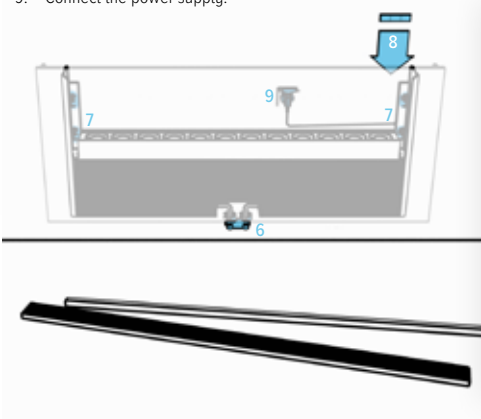
Be uniquely you. Stand out. Shine. Be colourful.

Jaga is releasing a new colour chart. Our new colour collections allow us to react perfectly to current and future interior design trends.

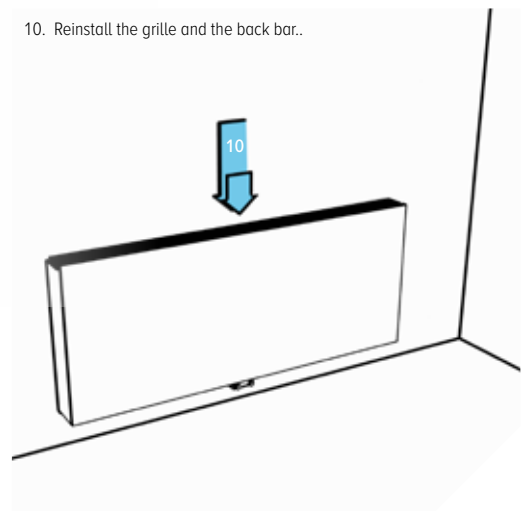


FULL-AUTOMATIC CONTROL SYSTEM thanks to accurate water and room temperature sensors. Controls the thermoelectric valve and the rotational speed of the boosters.

6. Tighten the H block.
7. Tighten the screws.
8. Attach the fingertip control to the front panel.
9. Connect the power supply.



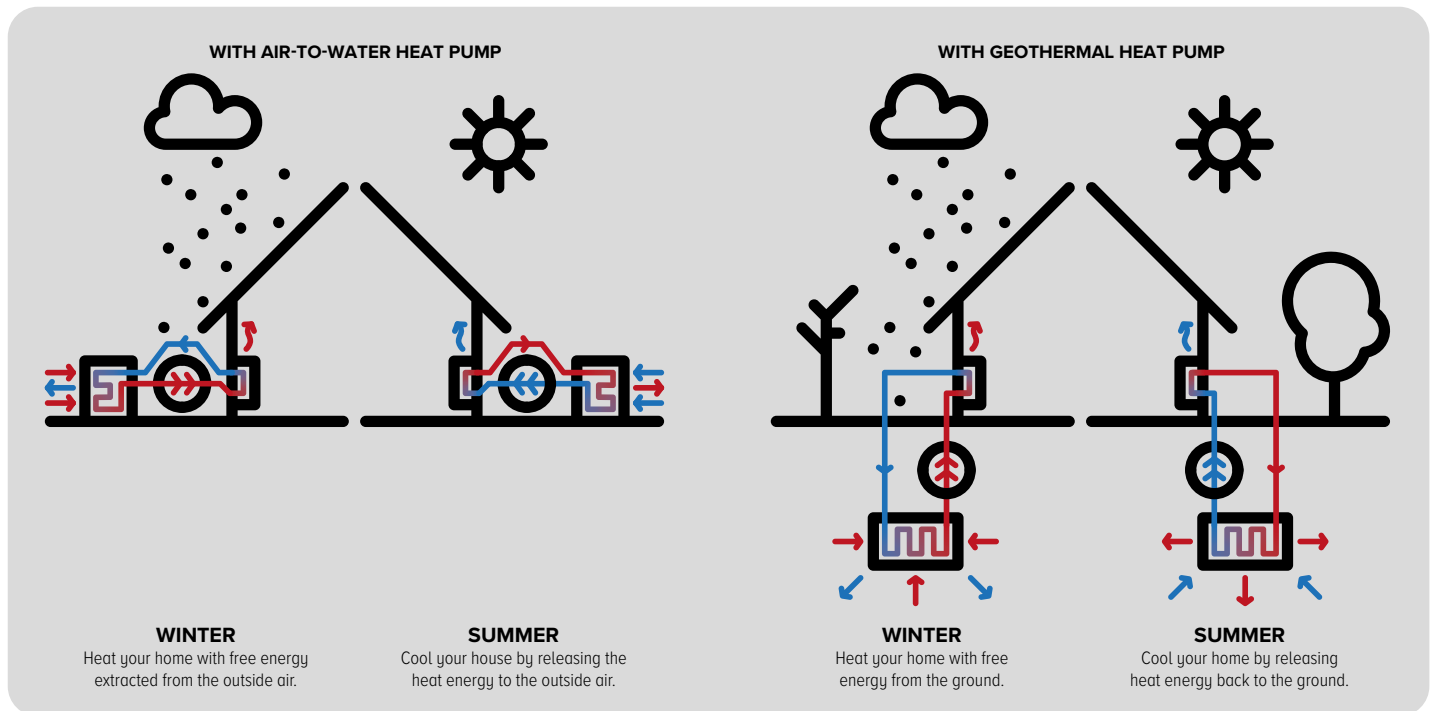
10. Reinstall the grille and the back bar..





Strada Hybrid MM T16
H50 x L120
🔌 45/40/20: 1441 Watts
🌬️ 16/18/20: 532 Watts

HEAT PUMP RADIATORS: HEAT WITH LOWER WATER TEMPERATURES WITHOUT EXPANDING YOUR UNITS



IDEAL FOR RENOVATIONS AND A SWITCH TO A LOWER WATER TEMPERATURE NO LARGER UNITS REQUIRED

The lower the water temperature, the less heat the heater can emit. Therefore, this requires extra large heating units.

But this is not the case with the Strada Hybrid. The DBH system provides sufficient additional power, and you can now switch to a very low water temperature with convectors of identical dimensions.

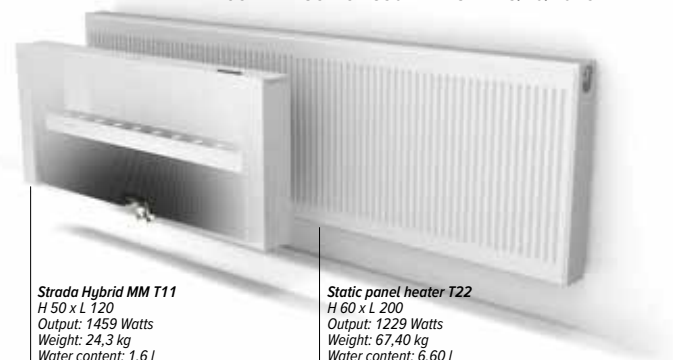
That is why the Strada Hybrid is the very best heat pump heating unit.

HIGH OUTPUT WITH ALL WATER TEMPERATURES, HOT AND COLD

For optimum yield, new, environmentally-friendly installations require an improved output system. This ensures a comfortable heat at a low water temperature and a sufficient coolness with non-condensing cooling. Jaga Hybrid heating units are equipped with the brand new DBH system; DB stands for Dynamic Boost, to considerably increase the power of the heater. The H of Hybrid stands for the dual effect: heating and cooling.

- the reaction speed and power of the hybrid system ensure an ideal thermal comfort at the lowest water temperature.
- standard and without change-over suitable for energy-efficient non-condensing cooling combined with every heat pump.

COMPARISON OF 850 WATTS AT 45/40/20° C



Strada Hybrid MM T11
H 50 x L 120
Output: 1459 Watts
Weight: 24,3 kg
Water content: 1,6 l

Static panel heater T22
H 60 x L 200
Output: 1229 Watts
Weight: 67,40 kg
Water content: 6,60 l

MOST RESPONSIVE OUTPUT SYSTEM CRUCIAL FOR HEATING AND COOLING DOWN

HEATING

Are the oven and dishwasher on? Does the sun shine into your house? Your home is a dynamic given with constantly changing temperature conditions and comfort requirements. A quickly reacting unit such as the Strada Hybrid will anticipate this and accurately control the temperature in all circumstances.

JAGA LIGHT COOLING

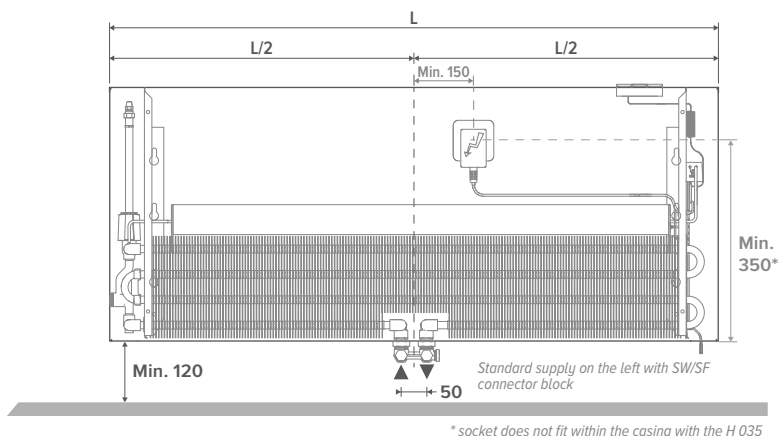
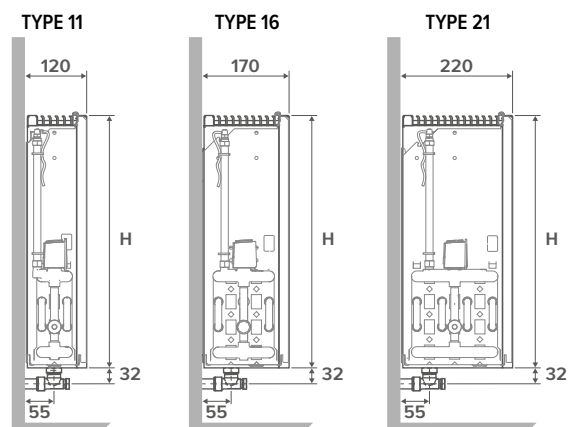
The reaction capacity is also crucial for non-condensing cooling. In order to prevent moisture problems, central condensation monitoring must be provided. This can only work efficiently with a very fast-acting delivery system, which immediately adjusts the cooling system in case of a sudden rise in humidity.

More than ever, the responsiveness determines your energy consumption and your comfort.

TECHNICAL INFORMATION



DIMENSIONS (in mm)



STANDARD DELIVERY

Completely pre-assembled with:

- Low-H₂O heat exchanger with valve insert, thermoelectric motor and extended air vent
- fan unit with operating panel, control system and 24 VDC power supply
- tight designer casing
- thermostatic control with touch-control operation in temperature mode
- Euroconus connector block to wall or floor
- packaging can be used as protection cover during construction works

! This heater is not equipped with a condensation monitor. It has to be integrated into the installation (only for cooling).

OUTPUTS

Output measured in accordance with EN 16430

FUNCTIONING OF THE DEVICE

The Strada Hybrid Convector has accurate sensors for both the room and water temperature.

Depending on the measured water and room temperature, the unit will have a modulating effect between 26db (A) (speed1) and 30 dB(A) (speed 2). Maximum power is obtained with the manual boost (= speed 3)

The more the room temperature deviates from the desired temperature, the higher the rotational speed of the fan unit. The closer the room temperature to the desired temperature, the slower the system will run.

- Noise level monitoring, officially measured according to ISO 3741: 2010
- Colored LEDs indicate the feature and the fan speed.

! The control system of the convector regulates the water supply in the unit with the integrated thermoelectric valve. The heat pump or water heater are not controlled by the Strada Hybrid MM.

NOISE AND POWER ACCORDING TO THE LATEST EUROPEAN STANDARDS

The heat output of the Strada Hybrid was measured according to the latest European standards regarding heating units with integrated fans. Jaga is one of the first to comply with the new reference standard **EN16430**.

The sound power (L_w) of the Strada Hybrid is measured in accordance with **ISO 3741:2010**.

As is customary for the sound pressure (L_p), room attenuation of 8 dB(A) is assumed for room content of 100 m³ and a reverberation time of 0.5 sec.

How loud is a decibel?

dB(A)	Perception	Examples
10	hardly to hear	breathing, a falling leaf
20	just audible	radio studio, rustling of tree leaves
30	very quiet	library (30 to 40), whispering
40	quiet	living room, quiet classroom, soft buzz, fridge
50	limited sound	air conditioning, normal conversation, dishwasher

ORDERING CODE

STRW 035 060 11 XXX MM HT XX XXX

Sleeve coupling code Eurocone
Connector block
Colour
 Type
 Length
 Height

COLOUR

STANDARD COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

- **133:** Traffic white RAL 9016. Soft touch: finely-textured matte look, gloss degree < 10%
- **001:** Sandblast grey. fine texture metallic powder coating
- **145:** Off-black. Soft touch: finely-textured matte look, gloss degree < 10%

OTHER COLOURS

See colour chart.

CONNECTOR BLOCK - LEFT SUPPLY

To the wall - Eurocone
H-block Two pipe / One pipe

CODE: SW



To the floor - Eurocone
H-block Two pipe / One pipe

CODE: SF



CONNECTOR BLOCK - RIGHT SUPPLY

To the wall - Eurocone
Crossflow H-block Two pipe

CODE: CW



To the floor - Eurocone
Crossflow H-block Two pipe

CODE: CF

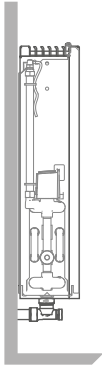


SLEEVE COUPLING CODE EUROCONE

Precision metal tube		Synthetic or RPE/ALU			
CODE	Tube Ø	CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2	615	15/2.5
114	14/1	614	14/2	619	16/1.5
115	15/1	616	16/2	620	20/2
116	16/1	618	18/2		
118	18/1				

OUTPUTS STRADA HYBRID MM

TYPE 11

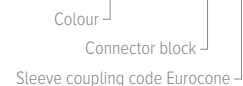


Depending on the measured water and room temperature, the unit will have a modulating effect between 26db(A) (speed1) and 30 dB(A) (speed 2). Maximum power is obtained with the manual boost (= speed 3)

HEIGHT H cm	LENGTH L cm	TYPE	SPEED	COOLING (non-condensing) Room temperature 27°C					HEATING Room temperature 20°C					SOUND PRESSURE LEVEL* dB(A)	ELECTRIC POWER CONSUMPTION Watts	ORDER CODE
				16/18 Watts	35/30 Watts	45/40 Watts	55/45 Watts	75/65 Watts	16/18 Watts	35/30 Watts	45/40 Watts	55/45 Watts	75/65 Watts			
035	060	11	1	191	246	474	647	1142	26.0	4.8	STRW 035 060 11 XXX MM HT XX XXX					
			2	205	263	508	693	1223	30.0	5.5						
			3	242	311	601	819	1447	40.0	7.2						
	080	11	1	276	355	684	933	1648	26.0	6.0	STRW 035 080 11 XXX MM HT XX XXX					
			2	296	381	735	1002	1770	30.0	6.7						
			3	358	460	887	1210	2136	41.8	9.0						
	100	11	1	358	460	887	1210	2136	26.0	7.0	STRW 035 100 11 XXX MM HT XX XXX					
			2	385	495	955	1303	2301	30.0	7.7						
			3	473	608	1173	1600	2825	43.0	10.7						
120	11	1	437	562	1084	1479	2612	26.0	8.7	STRW 035 120 11 XXX MM HT XX XXX						
		2	473	607	1171	1598	2822	30.0	9.8							
		3	589	756	1459	1990	3514	44.0	14.3							
140	11	1	515	662	1277	1743	3077	26.0	9.6	STRW 035 140 11 XXX MM HT XX XXX						
		2	558	717	1383	1887	3333	30.0	10.5							
		3	704	904	1745	2380	4203	44.8	16.1							
050	060	11	1	191	246	474	647	1142	26.0	4.8	STRW 050 060 11 XXX MM HT XX XXX					
			2	205	263	508	693	1223	30.0	5.5						
			3	242	311	601	819	1447	40.0	7.2						
	080	11	1	276	355	684	933	1648	26.0	6.0	STRW 050 080 11 XXX MM HT XX XXX					
			2	296	381	735	1002	1770	30.0	6.7						
			3	358	460	887	1210	2136	41.8	9.0						
	100	11	1	358	460	887	1210	2136	26.0	7.0	STRW 050 100 11 XXX MM HT XX XXX					
			2	385	495	955	1303	2301	30.0	7.7						
			3	473	608	1173	1600	2825	43.0	10.7						
120	11	1	437	562	1084	1479	2612	26.0	8.7	STRW 050 120 11 XXX MM HT XX XXX						
		2	473	607	1171	1598	2822	30.0	9.8							
		3	589	756	1459	1990	3514	44.0	14.3							
140	11	1	515	662	1277	1743	3077	26.0	9.6	STRW 050 140 11 XXX MM HT XX XXX						
		2	558	717	1383	1887	3333	30.0	10.5							
		3	704	904	1745	2380	4203	44.8	16.1							
065	060	11	1	177	246	474	647	1142	26.0	4.8	STRW 065 060 11 XXX MM HT XX XXX					
			2	190	263	508	693	1223	30.0	5.5						
			3	224	311	601	819	1447	40.0	7.2						
	080	11	1	255	355	684	933	1648	26.0	6.0	STRW 065 080 11 XXX MM HT XX XXX					
			2	274	381	735	1002	1770	30.0	6.7						
			3	331	460	887	1210	2136	41.8	9.0						
	100	11	1	331	460	887	1210	2136	26.0	7.0	STRW 065 100 11 XXX MM HT XX XXX					
			2	356	495	955	1303	2301	30.0	7.7						
			3	438	608	1173	1600	2825	43.0	10.7						
120	11	1	404	562	1084	1479	2612	26.0	8.7	STRW 065 120 11 XXX MM HT XX XXX						
		2	438	607	1171	1598	2822	30.0	9.8							
		3	545	756	1459	1990	3514	44.0	14.3							
140	11	1	476	662	1277	1743	3077	26.0	9.6	STRW 065 140 11 XXX MM HT XX XXX						
		2	516	717	1383	1887	3333	30.0	10.5							
		3	651	904	1745	2380	4203	44.8	16.1							

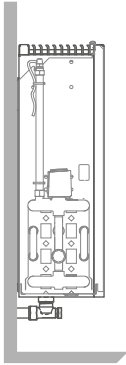
Output measured in accordance with EN 16430

* The sound pressure level dB(A) is the assumed value based on the noise measurement according to ISO 3741:2010, at a 2-metre distance from the unit and with an assumed room attenuation of 8 dB(A) / room volume 100m³ / 0.5 second reverberation time.



OUTPUTS STRADA HYBRID MM

TYPE 16

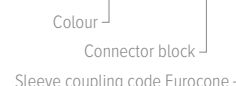


Depending on the measured water and room temperature, the unit will have a modulating effect between 26db(A) (speed1) and 30 dB(A) (speed 2). Maximum power is obtained with the manual boost (= speed 3)

HEIGHT H cm	LENGTH L cm	TYPE	SPEED	COOLING (non-condensing) Room temperature 27°C					SOUND PRESSURE LEVEL* dB(A)	ELECTRIC POWER CONSUMPTION Watts	ORDER CODE		
				16/18 Watts	35/30 Watts	45/40 Watts	55/45 Watts	75/65 Watts					
035	060	16	1	214	301	581	793	1400	26.0	4.8	STRW 035 060 16 XXX MM HT XX XXX		
				230	323	624	851	1503	30.0	5.5			
				305	428	826	1126	1989	41.1	7.2			
			080	16	1	312	439	847	1156	2040	26.0	6.0	STRW 035 080 16 XXX MM HT XX XXX
						335	471	908	1239	2188	30.0	6.7	
						450	632	1219	1663	2936	42.4	9.0	
			100	16	1	403	566	1092	1490	2630	26.0	7.0	STRW 035 100 16 XXX MM HT XX XXX
						431	606	1169	1595	2817	30.0	7.7	
						595	836	1612	2199	3883	44.1	10.7	
120	16	1	496	698	1346	1836	3242	26.0	8.7	STRW 035 120 16 XXX MM HT XX XXX			
			532	747	1441	1966	3472	30.0	9.8				
			740	1039	2005	2735	4830	44.8	14.3				
140	16	1	589	827	1596	2177	3844	26.0	9.6	STRW 035 140 16 XXX MM HT XX XXX			
			630	886	1709	2332	4117	30.0	10.5				
			885	1243	2398	3272	5777	45.4	16.1				
050	060	16	1	214	301	581	793	1400	26.0	4.8	STRW 050 060 16 XXX MM HT XX XXX		
				230	323	624	851	1503	30.0	5.5			
				305	428	826	1126	1989	41.1	7.2			
			080	16	1	312	439	847	1156	2040	26.0	6.0	STRW 050 080 16 XXX MM HT XX XXX
						355	471	908	1239	2188	30.0	6.7	
						450	632	1219	1663	2936	42.4	9.0	
			100	16	1	403	566	1092	1490	2630	26.0	7.0	STRW 050 100 16 XXX MM HT XX XXX
						431	606	1169	1595	2817	30.0	7.7	
						595	836	1612	2199	3883	44.1	10.7	
120	16	1	496	698	1346	1836	3242	26.0	8.7	STRW 050 120 16 XXX MM HT XX XXX			
			532	747	1441	1966	3472	30.0	9.8				
			740	1039	2005	2735	4830	44.8	14.3				
140	16	1	589	827	1596	2177	3844	26.0	9.6	STRW 050 140 16 XXX MM HT XX XXX			
			630	886	1709	2332	4117	30.0	10.5				
			885	1243	2398	3272	5777	45.4	16.1				
065	060	16	1	198	301	581	793	1400	26.0	4.8	STRW 065 060 16 XXX MM HT XX XXX		
				213	323	624	851	1503	30.0	5.5			
				282	428	826	1126	1989	41.1	7.2			
			080	16	1	289	439	847	1156	2040	26.0	6.0	STRW 065 080 16 XXX MM HT XX XXX
						310	471	908	1239	2188	30.0	6.7	
						416	632	1219	1663	2936	42.4	9.0	
			100	16	1	373	566	1092	1490	2630	26.0	7.0	STRW 065 100 16 XXX MM HT XX XXX
						399	606	1169	1595	2817	30.0	7.7	
						550	836	1612	2199	3883	44.1	10.7	
120	16	1	459	698	1346	1836	3242	26.0	8.7	STRW 065 120 16 XXX MM HT XX XXX			
			492	747	1441	1966	3472	30.0	9.8				
			685	1039	2005	2735	4830	44.8	14.3				
140	16	1	545	827	1596	2177	3844	26.0	9.6	STRW 065 140 16 XXX MM HT XX XXX			
			583	886	1709	2332	4117	30.0	10.5				
			819	1243	2398	3272	5777	45.4	16.1				

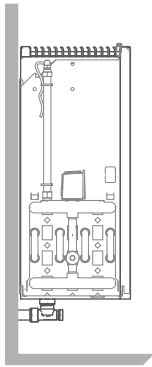
Output measured in accordance with EN 16430

* The sound pressure level dB(A) is the assumed value based on the noise measurement according to ISO 3741:2010, at a 2-metre distance from the unit and with an assumed room attenuation of 8 dB(A) / room volume 100m³ / 0.5 second reverberation time.



OUTPUTS STRADA HYBRID MM

TYPE 21

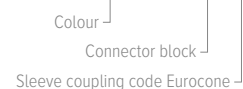


Depending on the measured water and room temperature, the unit will have a modulating effect between 26db(A) (speed1) and 30 dB(A) (speed 2). Maximum power is obtained with the manual boost (= speed 3)

HEIGHT H cm	LENGTH L cm	TYPE	SPEED	COOLING (non-condensing) Room temperature 27°C					SOUND PRESSURE LEVEL* dB(A)	ELECTRIC POWER CONSUMPTION Watts	ORDER CODE	
				16/18 Watts	35/30 Watts	45/40 Watts	55/45 Watts	75/65 Watts				
035	060	21	1	234	416	779	1048	1803	26.0	4.8	STRW 035 060 21 XXX MM HT XX XXX	
			2	251	447	836	1125	1935	30.0	5.5		
			3	332	591	1106	1488	2561	41.1	7.2		
	080	21	1	341	606	1135	1527	2628	26.0	6.0	STRW 035 080 21 XXX MM HT XX XXX	
			2	366	650	1217	1638	2818	30.0	6.7		
			3	490	872	1633	2197	3781	42.4	9.0		
	100	21	1	439	782	1464	1969	3388	26.0	7.0	STRW 035 100 21 XXX MM HT XX XXX	
			2	471	837	1567	2108	3627	30.0	7.7		
			3	649	1154	2160	2906	5000	44.1	10.7		
120	21	1	542	963	1804	2426	4175	26.0	8.7	STRW 035 120 21 XXX MM HT XX XXX		
		2	580	1032	1932	2598	4471	30.0	9.8			
		3	807	1435	2687	3615	6220	44.8	14.3			
140	21	1	642	1143	2139	2877	4951	26.0	9.6	STRW 035 140 21 XXX MM HT XX XXX		
		2	688	1224	2291	3082	5302	30.0	10.5			
		3	965	1717	3214	4324	7440	45.4	16.1			
050	060	21	1	234	416	779	1048	1803	26.0	4.8	STRW 050 060 21 XXX MM HT XX XXX	
			2	251	447	836	1125	1935	30.0	5.5		
			3	332	591	1106	1488	2561	41.1	7.2		
	080	21	1	341	606	1135	1527	2628	26.0	6.0	STRW 050 080 21 XXX MM HT XX XXX	
			2	366	650	1217	1638	2818	30.0	6.7		
			3	490	872	1633	2197	3781	42.4	9.0		
	100	21	1	439	782	1464	1969	3388	26.0	7.0	STRW 050 100 21 XXX MM HT XX XXX	
			2	471	837	1567	2108	3627	30.0	7.7		
			3	649	1154	2160	2906	5000	44.1	10.7		
	120	21	1	542	963	1804	2426	4175	26.0	8.7	STRW 050 120 21 XXX MM HT XX XXX	
			2	580	1032	1932	2598	4471	30.0	9.8		
			3	807	1435	2687	3615	6220	44.8	14.3		
	140	21	1	642	1143	2139	2877	4951	26.0	9.6	STRW 050 140 21 XXX MM HT XX XXX	
			2	688	1224	2291	3082	5302	30.0	10.5		
			3	965	1717	3214	4324	7440	45.4	16.1		
	065	060	21	1	216	416	779	1048	1803	26.0	4.8	STRW 065 060 21 XXX MM HT XX XXX
				2	232	447	836	1125	1935	30.0	5.5	
				3	307	591	1106	1488	2561	41.1	7.2	
080		21	1	315	606	1135	1527	2628	26.0	6.0	STRW 065 080 21 XXX MM HT XX XXX	
			2	338	650	1217	1638	2818	30.0	6.7		
			3	454	872	1633	2197	3781	42.4	9.0		
100		21	1	406	782	1464	1969	3388	26.0	7.0	STRW 065 100 21 XXX MM HT XX XXX	
			2	435	837	1567	2108	3627	30.0	7.7		
			3	600	1154	2160	2906	5000	44.1	10.7		
120		21	1	501	963	1804	2426	4175	26.0	8.7	STRW 065 120 21 XXX MM HT XX XXX	
			2	536	1032	1932	2598	4471	30.0	9.8		
			3	746	1435	2687	3615	6220	44.8	14.3		
140		21	1	594	1143	2139	2877	4951	26.0	9.6	STRW 065 140 21 XXX MM HT XX XXX	
			2	636	1224	2291	3082	5302	30.0	10.5		
			3	893	1717	3214	4324	7440	45.4	16.1		

Output measured in accordance with EN 16430

* The sound pressure level dB(A) is the assumed value based on the noise measurement according to ISO 3741:2010, at a 2-metre distance from the unit and with an assumed room attenuation of 8 dB(A) / room volume 100m³ / 0.5 second reverberation time.





jaga

CLIMATE
DESIGNERS

JAGA INTERNATIONAL **JAGA NV**

Verbindingslaan 16
B-3590 Diepenbeek

+32 11 29 41 12

export@jaga.be
www.jaga.com