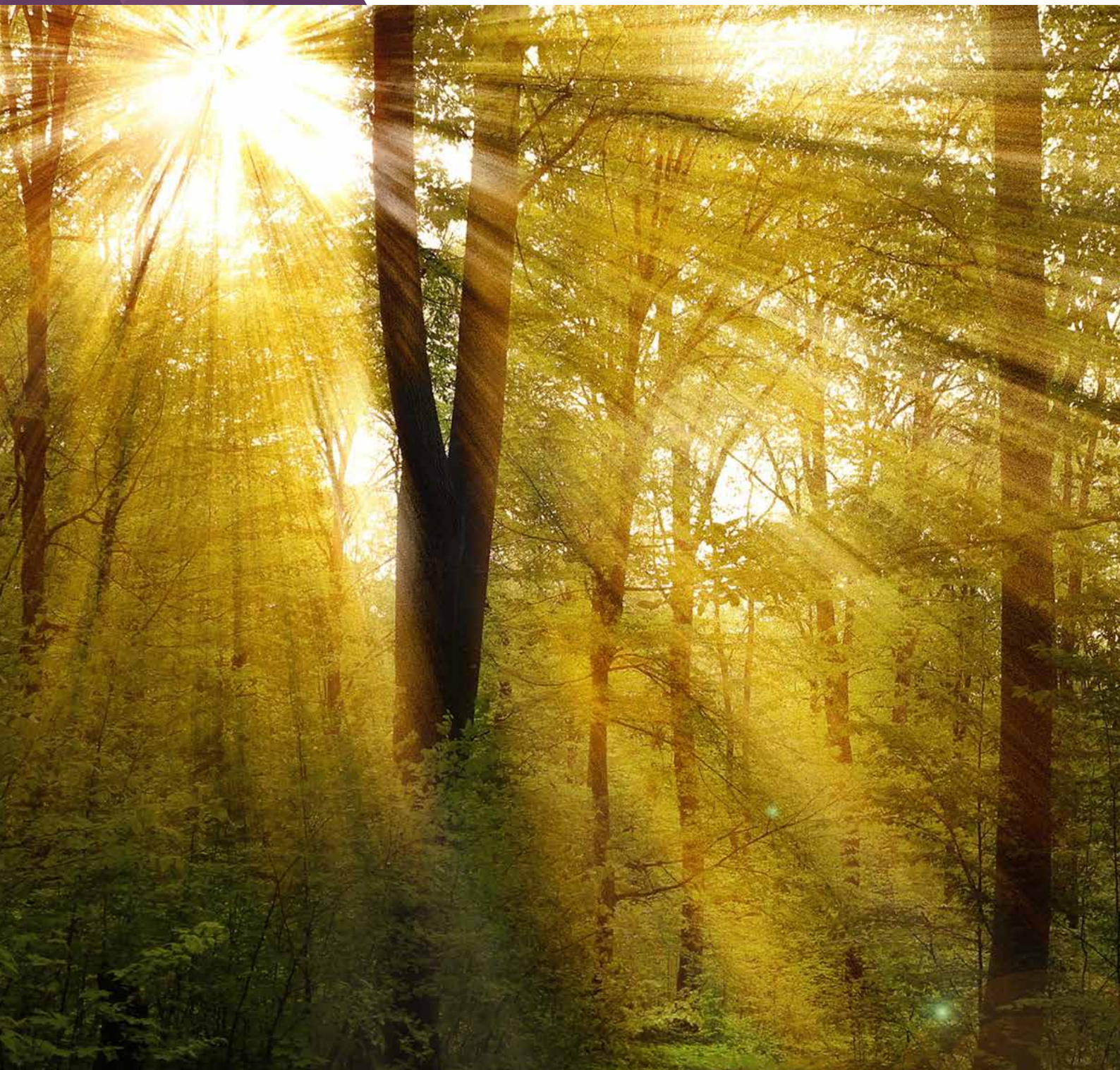


# versatile

Enrich Your Space



**nZEB**  
RADIATOR FAMILY



versatile  
Enrich Your Space

”

## Enrich Your Space

Heating, Cooling & Ventilation, bathroom,  
and tiling solutions that add value to your  
project or home



# OUR VALUES

## PEOPLE

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We are a family-run business built on long lasting relationships. To create great experiences and be a positive influence, we ensure our customers, staff and partners are at the heart of every decision we make.

## SPECIALIST

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We care about the work that we do and are proud to be the trusted provider of innovative solutions. To adapt to our customers bespoke design requirements, our specialist team only work with world class manufacturers and small ranges of exclusive products.

## INSPIRING

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We give our time and knowledge to be at the forefront of innovation in design and technology. We understand that our products impact our customers daily, so we seek solutions to delight.

## SUSTAINABLE

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We care about the environment and continually pursue solutions for a better future. We invest in sustainable, energy saving products that lower CO2 emissions and contribute to green building certifications. We ensure that everyone in the whole chain of our product's life cycle is accountable.





## WHAT MAKES nZEB SUSTAINABLE?

**Sustainability does not just start when the product is in use, but from the sourcing of the materials and throughout the product life cycle. Being sustainable and reducing our impact on the environment is what we do.**

### HIGHEST EFFICIENCY RATINGS

Versatile's Low Water Content uses less energy than any other radiator and contains 90% less water than that of an equivalent steel panel, meaning faster response times and no wasteful overheating.

### BUILT TO LAST

The heat exchanger consists of aluminium heating fins, copper and brass irrigation tubes and brass collectors. Totally rust-free, resistant to very high working pressures and with a 30-year guarantee. A long life means lower environmental impact.

### EFFICIENT USE OF MATERIALS

Since copper and aluminium are such efficient heat conductors, only a relatively small quantity of these materials are required, this includes the casing. A Low Water Content radiator weighs much less and uses a lot less materials than a steel panel radiator.

### FULLY RECYCLABLE

Copper and aluminium are highly efficient, long-life materials, and crucially, they are always fully recyclable. The use of these materials contributes to an improved LCA score.

#### DID YOU KNOW?

"Low Water Content radiators reduce the CO<sub>2</sub> emissions of an average house by about 1000 kg.





*“Low Water Content radiators reduce the CO<sub>2</sub> emissions of an average house by about 1000 kg.”*



**RESPECT  
NATURE**

**BEST LCA  
SCORE**

# Importance of LIFE CYCLE ANALYSIS SCORE

## VERSATILE LOW WATER CONTENT RADIATORS REDUCE WASTE

Life cycle analysis (LCA) according to the Ovam Ecolizer database and weight.

Example for a 10 kW heating system, 45/35/20 temperature profile.

	underfloor heating	cast iron radiator	steel panel radiator	Versatile Low-H <sub>2</sub> O radiator
<b>LCA Score</b>	248700	248744	185853	66517
<b>Total weight incl. water (kg)</b>	6252	360	216.7	48.8

What is an LCA score?

LCA or 'Life Cycle Assessment' is a system designed to compare products and their overall impact on the environment. This looks at all processes from design, materials sourced, manufacturing, energy usage until the product is ultimately 'retired'. Governments are trying to standardise LCA systems and to integrate them into the legislation. Versatile uses Ovam's Ecolizer 2.0 based on the Eco-Indicator EI-99 database. The lower the LCA score, the less adverse impact on the environment. Low Water Content radiators score significantly better than other radiators or heating systems.



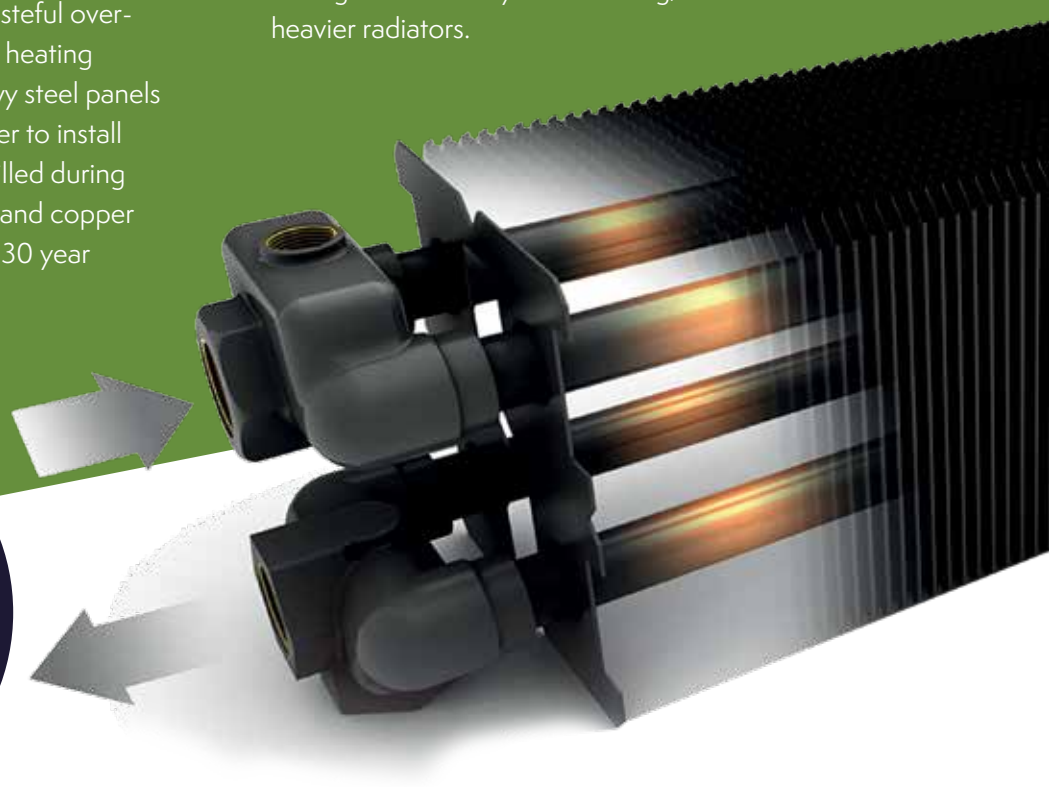
# LOW WATER CONTENT: LIGHTER, FASTER AND EFFICIENT

## THE LOW WATER CONTENT RADIATOR

Versatile's Low Water Content radiators contain 90% less water than that of a steel panel radiator, meaning they are faster to heat up and cool down. This means Low Water Content radiators react faster to the occupants' needs as well as changes to ambient temperature. This ensures better comfort with less energy consumption, no wasteful over-heating and reduced demand on the heating system itself. They also have no heavy steel panels that require pre-heating, are far lighter to install and remain much lighter when fully filled during usage. The ultra-modern aluminium and copper heat exchanger, which comes with a 30 year guarantee provides

rapid energy efficient heat to any space.

Research by KIWA show that Low Water Content radiators consume between 9 and 16%\* less energy than a system with steel panel radiators. They achieve the desired temperature faster with less heat wasted through unnecessary over-heating, common in heavier radiators.



**THERE IS A CLEAR CONNECTION BETWEEN THE WEIGHT OF THE RADIATOR, ITS REACTION TIME AND THE ENERGY SAVINGS IT OFFERS.**

COMPARISON LOW WATER CONTENT /PANEL RADIATORS

	Water temp. > 50°C Saving	Water temp. ≤ 50°C Saving
Renovation	13%	16%
New Builds	9%	10%

**FASTEST RESPONSE TIME FOR MAXIMUM COMFORT**



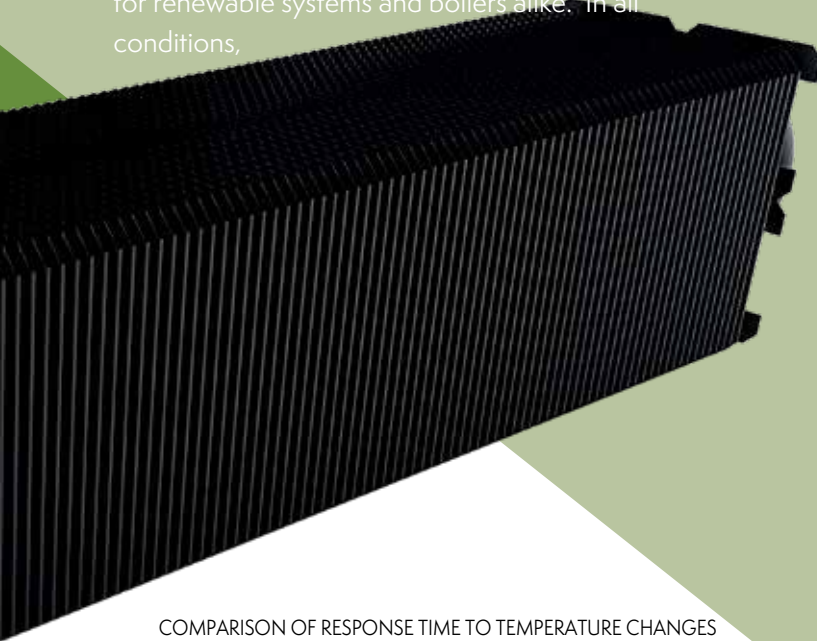
## PROVEN TO BE THE WORLD'S MOST ECONOMICAL RADIATOR

Versatile's Low Water Content technology has been thoroughly tested over the years by a variety of independent bodies, receiving the title of Most Economical Radiator following tests carried out by the Dutch testing body KIWA. Versatile's Low Water Content radiator achieves consistently high efficiency performance standards every time.

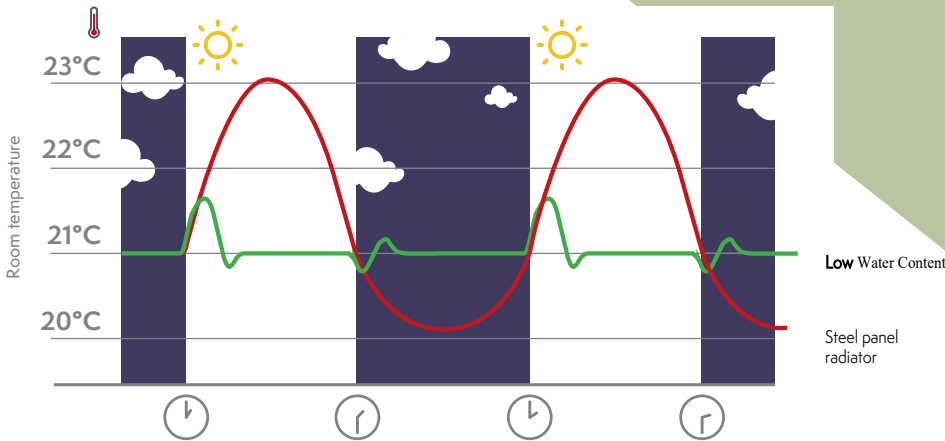
Low Water Content radiators are more efficient at all water temperatures, making them the perfect partner for renewable systems and boilers alike. In all conditions,

Low Water Content radiators achieve the maximum scores set by ISSO. Without a maximum score\*, the Low Water Content exchanger would achieve even higher. KIWA found Low Water Content to be at least 5% more economical than underfloor heating.

\*The minimum required score is 1.00 (100%) for Low Water Content as per the quality declaration, and average score of 0.05 (95%) for underfloor heating, according to NEN7120, Table 14.1, delivery efficiency up to 8m.



COMPARISON OF RESPONSE TIME TO TEMPERATURE CHANGES



## WATER CONTENT SAVINGS

Dimensions (in mm)

	Output	Length	Height	Depth	Water	Operating	Pressure Drop
<b>Target 1.0kW at 45/35/200C</b>							
Steel Double Panel + Fin	1010	1700	780	92	16.55	123	81
Maxi 2020 WT	1027	1830	740	230	3.5	76	35
Maxi 2020 WT DBH	1100	1030	740	1800	1.9	43	18

# DBH: DOUBLE OUTPUTS + COOLING WITH HEAT PUMPS

## ONE ECO FRIENDLY SOLUTION

Heat pumps and solar thermal energy generally require much larger radiators as they operate with very low water temperatures that often don't exceed 35°C. Low Water Content radiators do not need to increase in size when working with lower water temperatures.

With Dynamic Boost Hybrid (DBH) technology, the same heat output can be achieved from a similar size radiator compared to a radiator working with a gas or oil-fired heating system, allowing the installation of renewable heating systems without compromising on comfort and aesthetics.

- Efficient and effortless heating with heat pumps and low temperature boilers.
- Suitable for environmentally friendly light cooling (non-condensing) in combination with any heat pump that can supply cooling water.
- Easy installation on almost all new and existing Versatile Low Water Content heating units.



THE SAME  
OUTPUT AT  
ALMOST HALF  
THE SIZE OF A  
STEEL PANEL  
RADIATOR

nZEB Hybrid T11  
Size: 50 cm x 100 cm  
Output: 1173 Watts\*  
Weight: 16.7 kg  
Water content: 1.3 litres

\* maximum heat capacity

Steel Panel Heater  
Size: 70 cm x 180 cm  
Output: 1210 Watts  
Weight: 73 kg  
Water content: 13.7 litres

Based on conditions of  
45/40/20



## INTELLIGENT OPERATION

DBH has a simple control panel to adjust settings and modes, with automatically dimming coloured LED lights to indicate the selected setting.

There are three alternative configurations set at time of order: TPT (Temperature control) (default), ACO (Auto-changeover), BMS (Building Management System control).

**TPT configuration (default): mode button can be used to switch between Heating and Cooling modes.**

- Thermal activators run once the water temperature is above set-point (28°C default) and the measured room temperature is below the set-point, speeding up and slowing to achieve the desired room temperature.
- Boost mode can be activated where thermal activators run at max. speed for 15 minutes.

**ACO configuration: mode button can be used to switch between Heating, Cooling and Breeze modes.**

- Thermal activators run based on water temperature and chosen fixed speed.
- Breeze mode can be selected whereby the thermal activators operate independently of water temperature.

**BMS configuration:**

- DBH can be connected to an external controller, such as BMS or room thermostat to control thermal activator speed and changeover remotely. Please contact Versatile's technical team for more information.

## FAQs

### WHAT IS Versatile LIGHT COOLING ?

Light cooling (also referred to as 'non-condensing cooling') is a form of gentle cooling whereby the water temperature is always higher than the condensing temperature (or dew point), usually around 15°C depending on weather conditions, and therefore no condensation water is formed. This is an energy-efficient way of cooling that's ideal in combination with low temperature heating.

### HOW MUCH ENERGY DOES LIGHT COOLING USE ?

The energy consumption is lower than with low temperature cooling systems such as air conditioning systems, especially in combination with a ground source heat pump.

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## MAXI 2020 NATURAL

The strongest and safest **Low Water Content radiator** for maximum durability

- Versatile's strongest **Low Water Content radiator** for heavy duty applications.
- Widely specified in care homes, educational establishments, prisons and secure facilities, hospitals and healthcare environments, hotels and leisure centres.
- Available in single and continuous models with choice for mounting above skirting or to the floor, and top or front facing grille options.
- Safe surface temperature.
- Efficient **Low Water Content** technology with super conductive and ultra fast heat exchanger for low energy consumption and maximum heat emission – energy savings of up to 16%.
- 30-year guarantee on the heat exchanger.
- Can offer cooling via Versatile's Dynamic Boost Hybrid (DBH) technology and ventilation via Versatile's **oxygen** system.



nZEB RADIATOR



MAXI 2020 NATURAL



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## MAXI 2020 HYBRID

A Low Water Content radiator for heating, cooling and ventilation in one

Always leading the way in sustainable HVAC innovation, Versatile has developed pioneering technology with Dynamic Boost Hybrid (DBH).

DBH provides high outputs with all water temperatures, hot and cold, making it perfectly suited to heat pumps and other renewable energy systems.

DBH is an enhanced version of Versatile's former Dynamic Boost Effect (DBE) technology, utilising small electric activators inside the unit to significantly boost output. But with the added benefit of providing light cooling.

- All the benefits of Maxi 2020, but even more compact and more powerful with DBH.
- The ultimate radiator solution for low flow temperatures associated with renewable energy technology.
- Low-cost light cooling when used with reverse cycle heat pumps providing cooled water.
- Breeze functionality offering ambient air circulation.



MAXI 2020 HYBRID

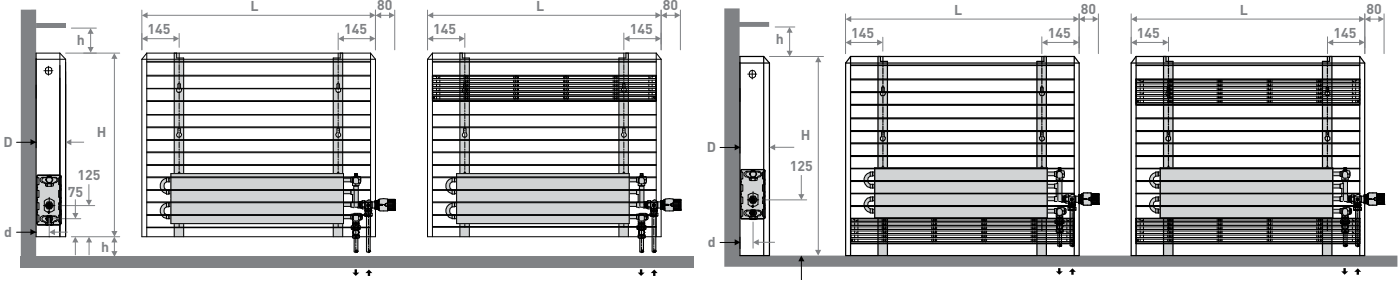


# MAXI 2020 NATURAL - DIMENSIONS

in mm

Maxi 2020 Wall Model Top and Front Grille Options (WT)

Maxi 2020 Floor Model Top and Front Grille Options (FT)

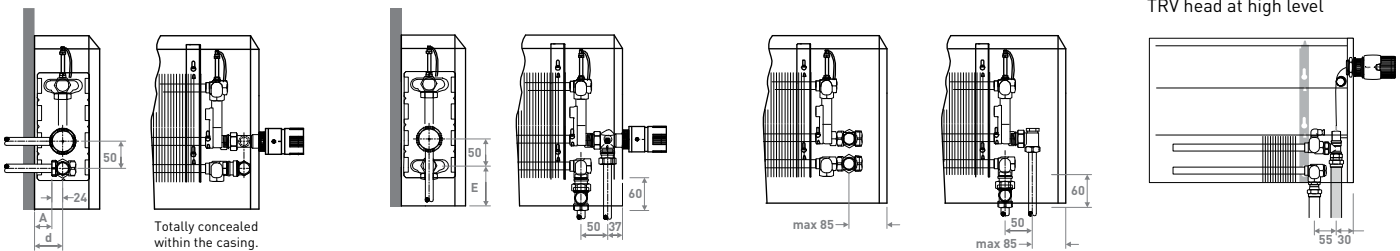


Example with Jaga valve: to the wall.

Example with Jaga valve: to the floor.

Example: no TRV

Example from floor with TRV head at high level



Depth mm	Connection to floor d (mm)	Connection to wall A (mm)	Clearance h (mm)
130	53	29	100
180	78	53	120
230	103	79	150

## COLOURS

Environmentally friendly, scratch-resistant, high UV resistant powder coating.

Standard colours:

- Traffic White RAL 9016 (233) Smooth Glossy Finish
- Sandblast Grey (001) Fine Texture Metallic Lacquer

Other colours: see colour chart. High UV resistance to ASTM G53.

## CONNECTION

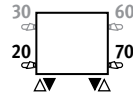
### Standard connection:

When ordering a Versatile Maxi 2020 radiator you will be asked where the valve will be placed as valve cut outs are required on order, see examples below.

Optional high level valve:

add to the code of the radiator /30 (left) or /60 (right)

Eg.: MAXW.059 063 180.xxx/WT/60



## ORDERING CODE

code height length depth colour model  
**MAXW . 044 083 180 . XXX /WT**

For example: using ordering code: MAXW 044 083 180 233 / WT will result in a Maxi 2020 wall model, with white casing, 440mm high, 830mm long and 180mm deep.

## DELIVERY

- Split deliveries option available.
- Elements and brackets are stock items.
- Casings made to order.



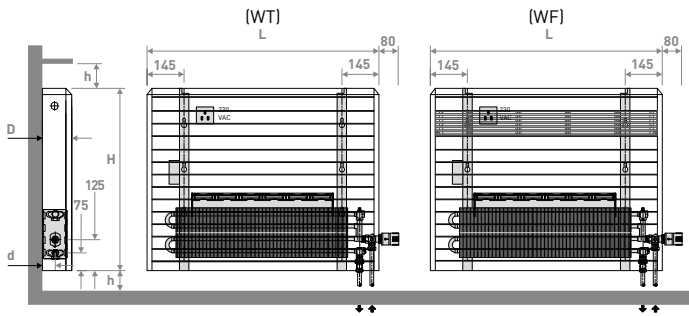
Please contact our customer service team .to discuss your requirements



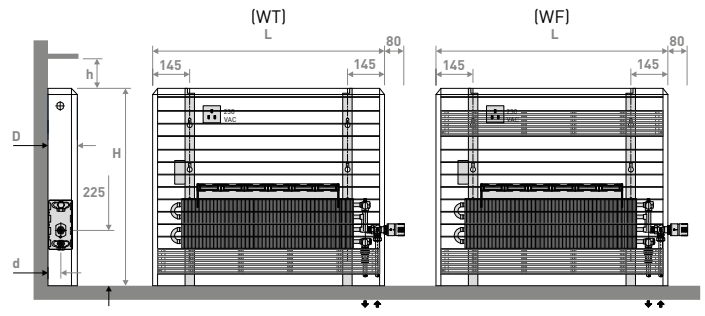
# MAXI 2020 HYBRID ■ DIMENSIONS

in mm

Maxi 2020 Wall Model Top and Front Grille options with DBH



Maxi 2020 Floor Model Top and Front Grille options with DBH



## DELIVERY

All Maxi 2020 Hybrids are made to order. Split deliveries option available.



Please contact our customer service team to discuss your requirements.

Package includes:

- Low **Water Content** heat exchanger with wall brackets and fixing kit, air vent 1/8" and drain plug 1/2".
- Casing for connection left or right at low level.
- Easy to install DBH unit with operation, control and 24VDC power supply.
- Clear installation instructions.

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

## COLOUR

The DBH unit sits inside the Maxi 2020 Hybrid. Therefore outer casing colour information remains the same as for standard Maxi 2020s.

## ELECTRICAL CONNECTION

The DBH system requires an electrical outlet near the heating unit. If it has a height of 440mm (WT & WF), 590mm (all models) and 740mm (all models) an electrical outlet or power cable can be installed in the casing. If the height is 440mm (FT & FF Models), only the power cable can be installed inside the casing. Connection to an external electrical outlet is always possible.

Do not connect the electrical and hydraulic connection to the same side of the coil.

## HYDRAULIC CONNECTION

### Heating

Supply/return on the bottom left or right, to the wall or floor. Wall connection via bottom or completely invisible within the cladding.

### Heating and cooling

The same connections and valve sets can be used for heating and cooling as for heating only. For the valve sets, use the version with the Heimeier thermostatic head HC for heating and cooling or the version with a manual valve.

## OPERATION OF DBH SYSTEM

- Suitable for heating or heating + cooling.
- Noise level monitoring, officially measured according to ISO 3741:2010.
- Coloured LEDs indicate setting.
- The DBH system will not control the heat pump or the boiler and therefore cannot replace a room thermostat.

In the UK, Maxi 2020 Hybrid is equipped with the DBH control in TPT mode (temperature control) by default. If you require ACO mode or BMS mode, this must be configured at time of ordering so must be included in the ordering code.

In TPT, the thermal activators run once the water temperature is above set-point (28°C default) and the measured room temperature is below the setpoint.

The room temperature set-point is selectable using the push button controller between 16°C and 26°C.

The thermal activators run at a maximum speed to achieve the equivalent noise level of 30dB(A), therefore the speed varies depending on radiator length.

The thermal activators will speed up and slow down to achieve the desired room temperature, switching off if the room temperature is achieved. The water temperature set-points and the maximum fan speed can be adjusted using the control panel.

Boost mode: can be activated by the user by pressing and holding the + button, providing the water temperature is above the set-point. The thermal activators will run at

maximum speed for 15 minutes, then revert to temperature control as detailed above. If water temperature drops below set-point, the thermal activators will switch off.

Cooling mode: the aforementioned operation is reversed, the default water temperature is set to 24°C and the room temperature range is between 31°C and 21°C. For the thermal activators to operate, the water temperature must be below set-point and the room temperature must be above set-point.

## ORDERING CODE

code	height	type	colour
DBHS .	060	10 /	TPT

The order code for the DBH set is made up of:

1. Order code to indicate it is a complete set – DBHS,
2. Nominal element length to which it is being fitted – 060, 070, 080, ...280,
3. Activator type – 10 or 15,
4. Control strategy – TPT, ACO or BMS.

Example – DBHS.12010/TPT = DBH set to suit 120cm long heat exchanger type 10 or 11, with temperature control strategy.

DBH to be ordered in addition to Maxi 2020 to make Maxi 2020 Hybrid.

## IMPORTANT:

When ordering DBH to be fitted to Guardian, **the length of the DBH MUST be 1 length shorter than the Guardian.**

i.e. the DBHS12010/TPT would be fitted to the Guardian with length of 1440mm.

Refer to Jaga UK technical department for further guidance.



DBH UNIT 10



DBH UNIT 15

# HEIGHT 440 - OUTPUT TABLES - TECHNICAL INFO

## WALL MODEL, TOP GRILLE (WT)

### MAXI 2020 NATURAL

MAXW.044 LLL Dep.XXX/WT

L mm	TWIN		WEIGHT		WATER CONTENT	
	Depth mm	Watts 75/65	kg	l		
630	130	478	14.6	0.80		
	180	718	16.6	1.19		
	230	964	18.5	1.60		
830	130	704	19.2	1.06		
	180	1057	21.9	1.58		
	230	1418	24.3	2.13		
1030	130	929	23.8	1.33		
	180	1396	27.2	1.98		
	230	1873	30.2	2.66		
1230	130	1155	28.4	1.60		
	180	1735	32.5	2.38		
	230	2328	36.1	3.19		
1430	130	1381	33.0	1.86		
	180	2074	37.8	2.77		
	230	2782	41.9	3.72		
1630	130	1606	37.7	2.13		
	180	2413	43.0	3.17		
	230	3237	47.8	4.26		
1830	130	1832	42.3	2.39		
	180	2752	48.3	3.56		
	230	3692	53.7	4.79		
2030	130	2057	46.9	2.66		
	180	3091	53.6	3.96		
	230	4146	59.5	5.32		

EN1442 output at 20°C room temperature.

### MAXI 2020 HYBRID

MAXW.044 LLL Dep.XXX/WT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER Watts Max
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort Watts 16/18	Boost Watts 16/18	Comfort dB(A)	Boost dB(A)	
630	130	1130	404	243	1300	465	280	156	185	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	705	424	249	300	30.0	41.8	7.9
	180	2080	744	448	2707	969	583	281	377	30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	307	411	30.0	42.4	7.2
	230	-	-	-	-	-	-	-	-	-	-	-
1030	130	2190	784	471	2649	948	570	338	415	30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	379	522	30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	413	570	30.0	44.1	10.7
	230	-	-	-	-	-	-	-	-	-	-	-
1230	130	2709	969	583	3332	1192	717	426	531	30.0	44.0	14.0
	180	3238	1159	697	4329	1549	932	479	667	30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	523	728	30.0	44.8	12.5
	230	-	-	-	-	-	-	-	-	-	-	-
1430	130	3104	1111	668	3832	1371	825	467	589	30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	527	740	30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	575	807	30.0	45.4	14.3
	230	-	-	-	-	-	-	-	-	-	-	-
1630	130	3608	1291	776	4515	1615	972	552	704	30.0	45.5	17.5
	180	4280	1531	921	6204	2220	1335	621	885	30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	677	965	30.0	46.4	16.1
	230	-	-	-	-	-	-	-	-	-	-	-
1830	130	4143	1482	892	5200	1861	1119	642	819	30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	621	885	30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	677	965	30.0	46.4	19.6
	230	-	-	-	-	-	-	-	-	-	-	-
2030	130	4596	1644	989	5886	2106	1267	719	935	30.0	46.5	22.0
	180	5732	2051	1234	8088	2894	1741	814	1175	30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	888	1281	30.0	47.1	19.6
	230	-	-	-	-	-	-	-	-	-	-	-

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 590 ■ OUTPUT TABLES ■ TECHNICAL INFO

## WALL MODEL, TOP GRILLE (WT)

### MAXI 2020 NATURAL

MAXW.059 LLL Dep.XXX/WT

L mm	TWIN		WEIGHT		WATER CONTENT	
	Depth mm	Watts 75/65	kg	l		
630	130	573	17.7	0.80		
	180	877	20.6	1.19		
	230	1166	22.6	1.60		
830	130	844	23.3	1.06		
	180	1290	27.2	1.58		
	230	1716	29.8	2.13		
1030	130	1114	28.9	1.33		
	180	1704	33.7	1.98		
	230	2267	37.0	2.66		
1230	130	1384	34.5	1.60		
	180	2117	40.2	2.38		
	230	2817	44.2	3.19		
1430	130	1655	40.1	1.86		
	180	2531	46.8	2.77		
	230	3367	51.4	3.72		
1630	130	1925	45.7	2.13		
	180	2944	53.3	3.17		
	230	3917	58.6	4.26		
1830	130	2196	51.4	2.39		
	180	3358	59.9	3.56		
	230	4467	65.7	4.79		
2030	130	2466	57.0	2.66		
	180	3771	66.4	3.96		
	230	5017	72.9	5.32		

EN442 output at 20°C room temperature.

### MAXI 2020 HYBRID

MAXW.059 LLL Dep.XXX/WT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER Watts Max
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)	
630	130	1130	404	243	1300	465	280	156	185	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	705	424	249	300	30.0	41.8	7.9
	180	2080	744	448	2707	969	583	281	377	30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	307	411	30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570	338	415	30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	379	522	30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	413	570	30.0	44.1	10.7
1230	130	2709	969	583	3332	1192	717	426	531	30.0	44.0	14.0
	180	3238	1159	697	4329	1549	932	479	667	30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	523	728	30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825	467	589	30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	527	740	30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	575	807	30.0	45.4	14.3
1630	130	3608	1291	776	4515	1615	972	552	704	30.0	45.5	17.5
	180	4280	1531	921	6204	2220	1335	621	885	30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	677	965	30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119	642	819	30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	621	885	30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	677	965	30.0	46.4	19.6
2030	130	4596	1644	989	5886	2106	1267	719	935	30.0	46.5	22.0
	180	5732	2051	1234	8088	2894	1741	814	1175	30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	888	1281	30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 740 ■ OUTPUT TABLES ■ TECHNICAL INFO

## WALL MODEL, TOP GRILLE (WT)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXW.074 LLL Dep.XXX/WT

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	631	22.5	0.80
	180	958	25.0	1.19
	230	1347	27.1	1.60
830	130	928	29.7	1.06
	180	1410	32.9	1.58
	230	1982	35.7	2.13
1030	130	1225	36.8	1.33
	180	1862	40.8	1.98
	230	2617	44.3	2.66
1230	130	1523	44.0	1.60
	180	2314	48.7	2.38
	230	3253	52.9	3.19
1430	130	1820	51.1	1.86
	180	2766	56.6	2.77
	230	3888	61.5	3.72
1630	130	2118	58.2	2.13
	180	3218	64.6	3.17
	230	4523	70.1	4.26
1830	130	2415	65.4	2.39
	180	3669	72.5	3.56
	230	5158	78.7	4.79
2030	130	2713	72.5	2.66
	180	4121	80.4	3.96
	230	5794	87.3	5.32

EN442 output at 20°C room temperature.

MAXW.074 LLL Dep.XXX/WT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING Comfort Boost		SOUND PRESSURE Comfort Boost		POWER Watts Max
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Watts 16/18	Watts 16/18	dB(A)	dB(A)	
630	130	1130	404	243	1300	465	280	140	167	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	705	424	224	270	30.0	41.8	7.9
	180	2080	744	448	2707	969	583	253	339	30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	276	370	30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570	304	374	30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	341	470	30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	372	513	30.0	44.1	10.7
1230	130	2709	969	583	3332	1192	717	383	478	30.0	44.0	14.0
	180	3238	1159	697	4329	1549	932	431	600	30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	471	655	30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825	420	530	30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	474	666	30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	518	726	30.0	45.4	14.3
1630	130	3608	1291	776	4515	1615	972	497	634	30.0	45.5	17.5
	180	4280	1531	921	6204	2220	1335	559	797	30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	609	869	30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119	578	737	30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	559	797	30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	609	869	30.0	46.4	19.6
2030	130	4596	1644	989	5886	2106	1267	647	842	30.0	46.5	22.0
	180	5732	2051	1234	8088	2894	1741	733	1058	30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	799	1153	30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room damping of 8dB(A).

# HEIGHT 440 ■ OUTPUT TABLES ■ TECHNICAL INFO

## WALL MODEL, FOOT GRILLE (WF)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXW.044 LLL Dep.XXX/WF

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	334	14.0	0.80
	180	497	16.6	1.19
	230	620	19.0	1.60
830	130	491	18.5	1.06
	180	732	21.9	1.58
	230	913	25.0	2.13
1030	130	649	22.9	1.33
	180	967	27.2	1.98
	230	1206	31.0	2.66
1230	130	807	27.4	1.60
	180	1201	32.5	2.38
	230	1498	37.0	3.19
1430	130	964	31.8	1.86
	180	1436	37.8	2.77
	230	1791	43.0	3.72
1630	130	1122	36.2	2.13
	180	1670	43.0	3.17
	230	2084	49.1	4.26
1830	130	1279	40.7	2.39
	180	1905	48.3	3.56
	230	2376	55.1	4.79
2030	130	1437	45.1	2.66
	180	2140	53.6	3.96
	230	2669	61.1	5.32

EN16442 output at 20°C room temperature.

MAXW.044 LLL Dep.XXX/WF + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)	Watts Max
630	130	1130	404	243	1300	465	280			30.0	40.0	5.1
	180	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-
	230	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-
	830	130	1663	595	358	1970	705	424		30.0	41.8	7.9
180	180	2080	744	448	2707	969	583	Refer to Versatile Technical Department		30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	Refer to Versatile Technical Department		30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570			30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	Refer to Versatile Technical Department		30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	Refer to Versatile Technical Department		30.0	44.1	10.7
	1230	130	2709	969	583	3332	1192	717		30.0	44.0	14.0
180	180	3238	1159	697	4329	1549	932	Refer to Versatile Technical Department		30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	Refer to Versatile Technical Department		30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825			30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	Refer to Versatile Technical Department		30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	Refer to Versatile Technical Department		30.0	45.4	14.3
	1630	130	3608	1291	776	4515	1615	972		30.0	45.5	17.5
180	180	4280	1531	921	6204	2220	1335	Refer to Versatile Technical Department		30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	Refer to Versatile Technical Department		30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119			30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	Refer to Versatile Technical Department		30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	Refer to Versatile Technical Department		30.0	46.4	19.6
	2030	130	4596	1644	989	5886	2106	1267		30.0	46.5	22.0
180	180	5732	2051	1234	8088	2894	1741	Refer to Versatile Technical Department		30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	Refer to Versatile Technical Department		30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 590 - OUTPUT TABLES - TECHNICAL INFO

## MAXI 2020 NATURAL WALL MODEL, FOOT GRILLE (WF)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXW.059 LLL Dep.XXX/WF

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	458	17.7	0.80
	180	664	20.5	1.19
	230	868	23.1	1.60
830	130	674	23.4	1.06
	180	978	27.0	1.58
	230	1277	30.5	2.13
1030	130	890	29.0	1.33
	180	1291	33.5	1.98
	230	1686	37.8	2.66
1230	130	1105	34.6	1.60
	180	1605	40.0	2.38
	230	2096	45.1	3.19
1430	130	1321	40.3	1.86
	180	1918	46.5	2.77
	230	2505	52.5	3.72
1630	130	1537	45.9	2.13
	180	2231	53.0	3.17
	230	2914	59.8	4.26
1830	130	1753	51.5	2.39
	180	2545	59.5	3.56
	230	3324	67.2	4.79
2030	130	1969	57.2	2.66
	180	2858	66.0	3.96
	230	3733	74.5	5.32

MAXW.059 LLL Dep.XXX/WF + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)	Watts Max
630	130	1130	404	243	1300	465	280			30.0	40.0	5.1
	180	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-
	230	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-
	830	130	1663	595	358	1970	705	424		30.0	41.8	7.9
830	180	2080	744	448	2707	969	583	Refer to Versatile Technical Department		30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	Refer to Versatile Technical Department		30.0	42.4	7.2
	1030	130	2190	784	471	2649	948	570		30.0	43.0	10.3
	1030	180	2705	968	582	3641	1303	784	Refer to Versatile Technical Department		30.0	44.1
230		3500	1312	808	4705	1764	1086	Refer to Versatile Technical Department		30.0	44.1	10.7
1230		130	2709	969	583	3332	1192	717		30.0	44.0	14.0
1230		180	3238	1159	697	4329	1549	932	Refer to Versatile Technical Department		30.0	44.8
	230	4336	1626	1001	5914	2217	1365	Refer to Versatile Technical Department		30.0	44.8	12.5
	1430	130	3104	1111	668	3832	1371	825		30.0	44.8	14.8
	1430	180	3878	1388	835	5265	1884	1133	Refer to Versatile Technical Department		30.0	45.4
230		5026	1884	1160	6813	2554	1572	Refer to Versatile Technical Department		30.0	45.4	14.3
1630		130	3608	1291	776	4515	1615	972		30.0	45.5	17.5
1630		180	4280	1531	921	6204	2220	1335	Refer to Versatile Technical Department		30.0	46.4
	230	5801	2175	1339	8021	3007	1851	Refer to Versatile Technical Department		30.0	46.4	16.1
	1830	130	4143	1482	892	5200	1861	1119		30.0	46.0	19.2
	1830	180	4644	1662	999	6620	2369	1425	Refer to Versatile Technical Department		30.0	46.4
230		6367	2387	1469	8587	3219	1982	Refer to Versatile Technical Department		30.0	46.4	19.6
2030		130	4596	1644	989	5886	2106	1267		30.0	46.5	22.0
2030		180	5732	2051	1234	8088	2894	1741	Refer to Versatile Technical Department		30.0	47.1
	230	7413	2779	1711	10446	3916	2411	Refer to Versatile Technical Department		30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room damping of 8dB(A).

EN442 output at 20°C room temperature.

# HEIGHT 740 - OUTPUT TABLES - TECHNICAL INFO

## WALL MODEL, FOOT GRILLE (WF)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXW.074 LLL Dep.XXX/WF

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	569	21.9	0.80
	180	798	24.9	1.19
	230	992	27.5	1.60
830	130	838	28.9	1.06
	180	1175	32.8	1.58
	230	1461	36.3	2.13
1030	130	1107	35.8	1.33
	180	1552	40.7	1.98
	230	1929	45.0	2.66
1230	130	1375	42.8	1.60
	180	1928	48.6	2.38
	230	2397	53.7	3.19
1430	130	1644	49.7	1.86
	180	2305	56.5	2.77
	230	2865	62.5	3.72
1630	130	1913	56.7	2.13
	180	2681	64.4	3.17
	230	3333	71.2	4.26
1830	130	2181	63.6	2.39
	180	3058	72.3	3.56
	230	3801	80.0	4.79
2030	130	2450	70.6	2.66
	180	3435	80.2	3.96
	230	4270	88.7	5.32

EN442 output at 20°C room temperature.

MAXW.074 LLL Dep.XXX/WF + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER	
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)	Watts Max	
630	130	1130	404	243	1300	465	280			30.0	40.0	5.1	
	180	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-	
	230	-	-	-	-	-	-	Refer to Versatile Technical Department		-	-	-	
	830	130	1663	595	358	1970	705	424			30.0	41.8	7.9
830	180	2080	744	448	2707	969	583	Refer to Versatile Technical Department		30.0	42.4	7.2	
	230	2697	1011	622	3504	1314	809	Refer to Versatile Technical Department		30.0	42.4	7.2	
	1030	130	2190	784	471	2649	948	570			30.0	43.0	10.3
	1030	180	2705	968	582	3641	1303	784	Refer to Versatile Technical Department		30.0	44.1	10.7
230		3500	1312	808	4705	1764	1086	Refer to Versatile Technical Department		30.0	44.1	10.7	
1230		130	2709	969	583	3332	1192	717			30.0	44.0	14.0
1230		180	3238	1159	697	4329	1549	932	Refer to Versatile Technical Department		30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	Refer to Versatile Technical Department		30.0	44.8	12.5	
	1430	130	3104	1111	668	3832	1371	825			30.0	44.8	14.8
	1430	180	3878	1388	835	5265	1884	1133	Refer to Versatile Technical Department		30.0	45.4	14.3
230		5026	1884	1160	6813	2554	1572	Refer to Versatile Technical Department		30.0	45.4	14.3	
1630		130	3608	1291	776	4515	1615	972			30.0	45.5	17.5
1630		180	4280	1531	921	6204	2220	1335	Refer to Versatile Technical Department		30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	Refer to Versatile Technical Department		30.0	46.4	16.1	
	1830	130	4143	1482	892	5200	1861	1119			30.0	46.0	19.2
	1830	180	4644	1662	999	6620	2369	1425	Refer to Versatile Technical Department		30.0	46.4	19.6
230		6367	2387	1469	8587	3219	1982	Refer to Versatile Technical Department		30.0	46.4	19.6	
2030		130	4596	1644	989	5886	2106	1267			30.0	46.5	22.0
2030		180	5732	2051	1234	8088	2894	1741	Refer to Versatile Technical Department		30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	Refer to Versatile Technical Department		30.0	47.1	19.6	

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room damping of 8dB(A).

# HEIGHT 440 ■ OUTPUT TABLES ■ TECHNICAL INFO

## FLOOR MODEL, TOP GRILLE (FT)

### MAXI 2020 NATURAL

MAXF.044 LLL Dep.XXX/FT

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	391	13.0	0.80
	180	560	15.1	1.19
	230	722	16.9	1.60
830	130	575	17.2	1.06
	180	824	19.9	1.58
	230	1063	22.3	2.13
1030	130	759	21.3	1.33
	180	1088	24.7	1.98
	230	1404	27.7	2.66
1230	130	943	25.4	1.60
	180	1352	29.5	2.38
	230	1744	33.1	3.19
1430	130	1127	29.6	1.86
	180	1616	34.3	2.77
	230	2085	38.5	3.72
1630	130	1312	33.7	2.13
	180	1880	39.1	3.17
	230	2426	43.8	4.26
1830	130	1496	37.8	2.39
	180	2144	43.9	3.56
	230	2766	49.2	4.79
2030	130	1680	42.0	2.66
	180	2408	48.7	3.96
	230	3107	54.6	5.32

EN442 output at 20°C room temperature.

### MAXI 2020 HYBRID

MAXF.044 LLL Dep.XXX/FT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Watts 16/18	Watts 16/18	dB(A) Comfort	dB(A) Boost	Watts Max
630	130	1130	404	243	1300	465	280	156	185	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	705	424	249	300	30.0	41.8	7.9
	180	2080	744	448	2707	969	583	281	377	30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	307	411	30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570	338	415	30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	379	522	30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	413	570	30.0	44.1	10.7
1230	130	2709	969	583	3332	1192	717	426	531	30.0	44.0	14.0
	180	3238	1159	697	4329	1549	932	479	667	30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	523	728	30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825	467	589	30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	527	740	30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	575	807	30.0	45.4	14.3
1630	130	3608	1291	776	4515	1615	972	552	704	30.0	45.5	17.5
	180	4280	1531	921	6204	2220	1335	621	885	30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	677	965	30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119	642	819	30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	621	885	30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	677	965	30.0	46.4	19.6
2030	130	4596	1644	989	5886	2106	1267	719	935	30.0	46.5	22.0
	180	5732	2051	1234	8088	2894	1741	814	1175	30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	888	1281	30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room damping of 8dB(A).

# HEIGHT 590 - OUTPUT TABLES - TECHNICAL INFO

## FLOOR MODEL, TOP GRILLE (FT)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXF.059 LLL Dep.XXX/FT

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	498	16.9	0.80
	180	732	19.1	1.19
	230	948	21.1	1.60
830	130	732	22.2	1.06
	180	1078	25.2	1.58
	230	1395	27.8	2.13
1030	130	967	27.6	1.33
	180	1423	31.3	1.98
	230	1842	34.5	2.66
1230	130	1202	33.0	1.60
	180	1768	37.4	2.38
	230	2289	41.2	3.19
1430	130	1437	38.3	1.86
	180	2114	43.5	2.77
	230	2736	47.9	3.72
1630	130	1671	43.7	2.13
	180	2459	49.5	3.17
	230	3183	54.6	4.26
1830	130	1906	49.0	2.39
	180	2804	55.6	3.56
	230	3630	61.3	4.79
2030	130	2141	54.4	2.66
	180	3150	61.7	3.96
	230	4078	68.0	5.32

MAXF.059 LLL Dep.XXX/FT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER Watts Max
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)	
630	130	1130	404	243	1300	465	280	156	185	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	705	424	249	300	30.0	41.8	7.9
	180	2080	744	448	2707	969	583	281	377	30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809	307	411	30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570	338	415	30.0	43.0	10.3
	180	2705	968	582	3641	1303	784	379	522	30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086	413	570	30.0	44.1	10.7
1230	130	2709	969	583	3332	1192	717	426	531	30.0	44.0	14.0
	180	3238	1159	697	4329	1549	932	479	667	30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365	523	728	30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825	467	589	30.0	44.8	14.8
	180	3878	1388	835	5265	1884	1133	527	740	30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572	575	807	30.0	45.4	14.3
1630	130	3608	1291	776	4515	1615	972	552	704	30.0	45.5	17.5
	180	4280	1531	921	6204	2220	1335	621	885	30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851	677	965	30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119	642	819	30.0	46.0	19.2
	180	4644	1662	999	6620	2369	1425	621	885	30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982	677	965	30.0	46.4	19.6
2030	130	4596	1644	989	5886	2106	1267	719	935	30.0	46.5	22.0
	180	5732	2051	1234	8088	2894	1741	814	1175	30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411	888	1281	30.0	47.1	19.6

EN442 output at 20°C room temperature.

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 740 - OUTPUT TABLES - TECHNICAL INFO

## MAXI 2020 NATURAL FLOOR MODEL, TOP GRILLE (FT)

### MAXI 2020 NATURAL

MAXF.074 LLL Dep.XXX/FT

L mm	TWIN		WEIGHT	WATER CONTENT
	Depth mm	Watts 75/65	kg	l
630	130	594	21.0	0.80
	180	885	23.4	1.19
	230	1080	25.3	1.60
830	130	874	27.7	1.06
	180	1302	30.9	1.58
	230	1590	33.3	2.13
1030	130	1154	34.4	1.33
	180	1720	38.3	1.98
	230	2100	41.3	2.66
1230	130	1434	41.1	1.60
	180	2137	45.7	2.38
	230	2609	49.3	3.19
1430	130	1714	47.8	1.86
	180	2555	53.2	2.77
	230	3119	57.3	3.72
1630	130	1994	54.4	2.13
	180	2972	60.6	3.17
	230	3628	65.4	4.26
1830	130	2275	61.1	2.39
	180	3390	68.1	3.56
	230	4138	73.4	4.79
2030	130	2555	67.8	2.66
	180	3807	75.5	3.96
	230	4648	81.4	5.32

EN442 output at 20°C room temperature.

### MAXI 2020 HYBRID

MAXF.074 LLL Dep.XXX/FT + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost		COOLING Comfort Boost		SOUND PRESSURE		POWER
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 35/30	Watts 16/18	Watts 16/18	dB(A) Comfort	dB(A) Boost	Watts Max
630	130	1130	404	243	1300	280	148	176	30.0	40.0	5.1
	180	-	-	-	-	-	-	-	-	-	-
	230	-	-	-	-	-	-	-	-	-	-
830	130	1663	595	358	1970	424	237	285	30.0	41.8	7.9
	180	2080	744	448	2707	583	267	358	30.0	42.4	7.2
	230	2697	1011	622	3504	809	292	390	30.0	42.4	7.2
1030	130	2190	784	471	2649	570	321	394	30.0	43.0	10.3
	180	2705	968	582	3641	784	360	496	30.0	44.1	10.7
	230	3500	1312	808	4705	1086	392	542	30.0	44.1	10.7
1230	130	2709	969	583	3332	717	405	504	30.0	44.0	14.0
	180	3238	1159	697	4329	932	455	634	30.0	44.8	12.5
	230	4336	1626	1001	5914	1365	497	692	30.0	44.8	12.5
1430	130	3104	1111	668	3832	825	444	560	30.0	44.8	14.8
	180	3878	1388	835	5265	1133	501	703	30.0	45.4	14.3
	230	5026	1884	1160	6813	1572	546	767	30.0	45.4	14.3
1630	130	3608	1291	776	4515	972	524	669	30.0	45.5	17.5
	180	4280	1531	921	6204	1335	590	841	30.0	46.4	16.1
	230	5801	2175	1339	8021	1851	643	917	30.0	46.4	16.1
1830	130	4143	1482	892	5200	1119	610	778	30.0	46.0	19.2
	180	4644	1662	999	6620	1425	590	841	30.0	46.4	19.6
	230	6367	2387	1469	8587	1982	643	917	30.0	46.4	19.6
2030	130	4596	1644	989	5886	1267	683	888	30.0	46.5	22.0
	180	5732	2051	1234	8088	1741	773	1116	30.0	47.1	19.6
	230	7413	2779	1711	10446	2411	844	1217	30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 590 ■ OUTPUT TABLES ■ TECHNICAL INFO

## FLOOR MODEL, FOOT GRILLE (FF)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXF.059 LLL Dep.XXX/FF

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	378	16.3	0.80
	180	521	19.1	1.19
	230	660	21.6	1.60
830	130	557	21.4	1.06
	180	767	25.1	1.58
	230	971	28.5	2.13
1030	130	735	26.6	1.33
	180	1013	31.2	1.98
	230	1282	35.3	2.66
1230	130	913	31.8	1.60
	180	1259	37.3	2.38
	230	1593	42.2	3.19
1430	130	1092	36.9	1.86
	180	1504	43.3	2.77
	230	1904	49.0	3.72
1630	130	1270	42.1	2.13
	180	1750	49.4	3.17
	230	2216	55.9	4.26
1830	130	1448	47.3	2.39
	180	1996	55.4	3.56
	230	2527	62.7	4.79
2030	130	1627	52.4	2.66
	180	2242	61.5	3.96
	230	2838	69.6	5.32

EN442 output at 20°C room temperature.

MAXF.059 LLL Dep.XXX/FF + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER Watts Max	
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)		
630	130	1130	404	243	1300	465	280	Refer to Versatile Technical Department	-	30.0	40.0	5.1	
	180	-	-	-	-	-	-			-	-	-	-
	230	-	-	-	-	-	-			-	-	-	-
830	130	1663	595	358	1970	705	424	Refer to Versatile Technical Department	-	30.0	41.8	7.9	
	180	2080	744	448	2707	969	583			30.0	42.4	7.2	
	230	2697	1011	622	3504	1314	809			30.0	42.4	7.2	
1030	130	2190	784	471	2649	948	570	Refer to Versatile Technical Department	-	30.0	43.0	10.3	
	180	2705	968	582	3641	1303	784			30.0	44.1	10.7	
	230	3500	1312	808	4705	1764	1086			30.0	44.1	10.7	
1230	130	2709	969	583	3332	1192	717	Refer to Versatile Technical Department	-	30.0	44.0	14.0	
	180	3238	1159	697	4329	1549	932			30.0	44.8	12.5	
	230	4336	1626	1001	5914	2217	1365			30.0	44.8	12.5	
1430	130	3104	1111	668	3832	1371	825	Refer to Versatile Technical Department	-	30.0	44.8	14.8	
	180	3878	1388	835	5265	1884	1133			30.0	45.4	14.3	
	230	5026	1884	1160	6813	2554	1572			30.0	45.4	14.3	
1630	130	3608	1291	776	4515	1615	972	Refer to Versatile Technical Department	-	30.0	45.5	17.5	
	180	4280	1531	921	6204	2220	1335			30.0	46.4	16.1	
	230	5801	2175	1339	8021	3007	1851			30.0	46.4	16.1	
1830	130	4143	1482	892	5200	1861	1119	Refer to Versatile Technical Department	-	30.0	46.0	19.2	
	180	4644	1662	999	6620	2369	1425			30.0	46.4	19.6	
	230	6367	2387	1469	8587	3219	1982			30.0	46.4	19.6	
2030	130	4596	1644	989	5886	2106	1267	Refer to Versatile Technical Department	-	30.0	46.5	22.0	
	180	5732	2051	1234	8088	2894	1741			30.0	47.1	19.6	
	230	7413	2779	1711	10446	3916	2411			30.0	47.1	19.6	

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room dampening of 8dB(A).

# HEIGHT 740 - OUTPUT TABLES - TECHNICAL INFO

## FLOOR MODEL, FOOT GRILLE (FF)

### MAXI 2020 NATURAL

### MAXI 2020 HYBRID

MAXF.074 LLL Dep.XXX/FF

L mm	TWIN		WEIGHT kg	WATER CONTENT l
	Depth mm	Watts 75/65		
630	130	476	20.4	0.80
	180	660	23.4	1.19
	230	831	26.1	1.60
830	130	701	26.9	1.06
	180	971	30.9	1.58
	230	1222	34.3	2.13
1030	130	926	33.4	1.33
	180	1282	38.3	1.98
	230	1614	42.6	2.66
1230	130	1150	39.9	1.60
	180	1594	45.7	2.38
	230	2006	50.9	3.19
1430	130	1375	46.4	1.86
	180	1905	53.2	2.77
	230	2398	59.1	3.72
1630	130	1600	52.9	2.13
	180	2216	60.6	3.17
	230	2790	67.4	4.26
1830	130	1824	59.3	2.39
	180	2527	68.1	3.56
	230	3182	75.7	4.79
2030	130	2049	65.8	2.66
	180	2838	75.5	3.96
	230	3573	84.0	5.32

EN442 output at 20°C room temperature.

MAXF.074 LLL Dep.XXX/FF + DBHS.LLL TT/TPT

L mm	Depth mm	HEATING Comfort			HEATING Boost			COOLING		SOUND PRESSURE		POWER Watts Max		
		Watts 75/65	Watts 45/35	Watts 35/30	Watts 75/65	Watts 45/35	Watts 35/30	Comfort 16/18	Boost 16/18	Comfort dB(A)	Boost dB(A)			
630	130	1130	404	243	1300	465	280	Refer to Versatile Technical Department	30.0	40.0	5.1			
	180	-	-	-	-	-	-					-	-	-
	230	-	-	-	-	-	-					-	-	-
830	130	1663	595	358	1970	705	424	Refer to Versatile Technical Department	30.0	41.8	7.9			
	180	2080	744	448	2707	969	583					30.0	42.4	7.2
	230	2697	1011	622	3504	1314	809					30.0	42.4	7.2
1030	130	2190	784	471	2649	948	570	Refer to Versatile Technical Department	30.0	43.0	10.3			
	180	2705	968	582	3641	1303	784					30.0	44.1	10.7
	230	3500	1312	808	4705	1764	1086					30.0	44.1	10.7
1230	130	2709	969	583	3332	1192	717	Refer to Versatile Technical Department	30.0	44.0	14.0			
	180	3238	1159	697	4329	1549	932					30.0	44.8	12.5
	230	4336	1626	1001	5914	2217	1365					30.0	44.8	12.5
1430	130	3104	1111	668	3832	1371	825	Refer to Versatile Technical Department	30.0	44.8	14.8			
	180	3878	1388	835	5265	1884	1133					30.0	45.4	14.3
	230	5026	1884	1160	6813	2554	1572					30.0	45.4	14.3
1630	130	3608	1291	776	4515	1615	972	Refer to Versatile Technical Department	30.0	45.5	17.5			
	180	4280	1531	921	6204	2220	1335					30.0	46.4	16.1
	230	5801	2175	1339	8021	3007	1851					30.0	46.4	16.1
1830	130	4143	1482	892	5200	1861	1119	Refer to Versatile Technical Department	30.0	46.0	19.2			
	180	4644	1662	999	6620	2369	1425					30.0	46.4	19.6
	230	6367	2387	1469	8587	3219	1982					30.0	46.4	19.6
2030	130	4596	1644	989	5886	2106	1267	Refer to Versatile Technical Department	30.0	46.5	22.0			
	180	5732	2051	1234	8088	2894	1741					30.0	47.1	19.6
	230	7413	2779	1711	10446	3916	2411					30.0	47.1	19.6

EN16430 output at 20°C room temperature for heating and 27°C for cooling.  
Sound pressure calculated based on sound power measurements in accordance with ISO 3741:2010 and an assumed room damping of 8dB(A).

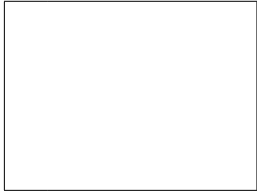
# COLOUR CHART



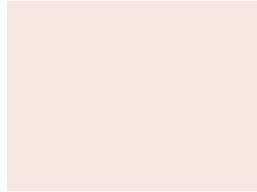
233 Traffic white RAL 9016

Maxi 2020 is available in a smooth glossy finish in the following colours.

Varsatile has two environmentally friendly electrostatic powder coating lines with recuperation and without the use of solvents. After a thorough pre-treatment, the radiators are painted and baked at a temperature of approximately 200°C. This ensures a highly UV and scratch resistant finish.



201 White RAL 9010



205 Pergamon



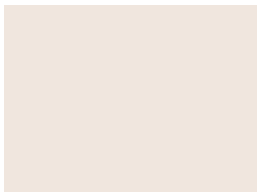
223 Natural



212 Bahama



234 Warm brown RAL 070 60 10



202 Off-white RAL 9001



235 Traffic yellow RAL 1023



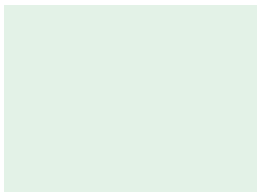
236 Orange



211 Flaming Red RAL 3000



226 Ruby red RAL 3003



220 Aegean



237 Yellow green RAL 110 80 60



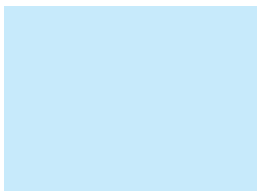
238 Green



221 Calypso



213 English green RAL 6009



239 Azure



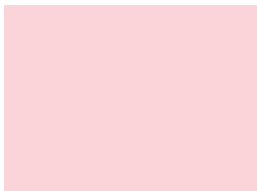
240 Ocean blue RAL 230 70 30



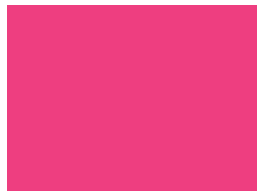
208 Sapphire blue RAL 5003



241 Night blue RAL 5011



242 Pink



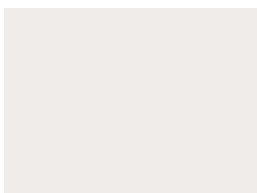
243 Magenta RAL 010 50 50



219 Violet RAL 4008



244 Purple



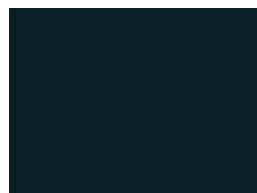
228 Classic white



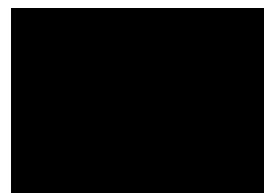
203 Light grey RAL 7035



209 Dark grey RAL 7011



231 Anthracite grey RAL 7016



204 Black RAL 9005

# SPECIAL COLOURS

## SMOOTH METALLICS



006 Aluminium RAL 9006



049 Anodic grey



005 Gunmetal grey



007 Anthracite



051 Yellow gold



050 Old gold

## FINE TEXTURE METALLICS



035 Silver grey



036 Warm grey



045 Concrete grey



001 Sandblast grey



018 Pearl black



037 Cream



039 Grey brown



038 Cappuccino

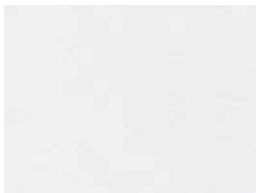


042 Chocolate



017 Pearl brown

## FINE TEXTURE



053 Pure white



026 Platinum grey



028 Granite grey



046 Graphite black



040 Copper



041 Cinnamon



043 Khaki



044 Navy blue

This colour chart is only indicative. It's impossible to obtain a 100% exact colour reproduction in printing. A colour chart can be obtained on request.

# LOW WATER CONTENT - CORRECTION FACTORS

**AVERAGE CORRECTION FACTORS  
ACCORDING TO EN442 - 75/65/20°C**

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.45	0.58	0.69	0.79	0.89	0.98	1.07	1.16	1.24	1.34	1.41	1.49	1.56
	20		0.38	0.52	0.63	0.74	0.83	0.92	1.01	1.10	1.18	1.28	1.35	1.43	1.50
	22		0.30	0.46	0.57	0.68	0.78	0.87	0.96	1.04	1.13	1.22	1.30	1.37	1.44
	24		0.20	0.39	0.52	0.62	0.72	0.81	0.90	0.99	1.07	1.15	1.24	1.31	1.38
85	18		0.42	0.54	0.65	0.75	0.84	0.93	1.01	1.10	1.20	1.27	1.34	1.41	
	20		0.36	0.49	0.59	0.69	0.79	0.87	0.96	1.04	1.12	1.21	1.28	1.35	
	22		0.28	0.42	0.54	0.64	0.73	0.82	0.90	0.99	1.06	1.15	1.22	1.30	
	24		0.19	0.36	0.48	0.58	0.68	0.76	0.85	0.93	1.01	1.10	1.17	1.24	
80	18		0.39	0.51	0.61	0.70	0.79	0.88	0.96	1.04	1.12	1.20	1.27		
	20		0.33	0.45	0.56	0.65	0.74	0.82	0.90	0.98	1.07	1.14	1.21		
	22		0.26	0.39	0.50	0.60	0.68	0.77	0.85	0.93	1.01	1.08	1.15		
	24		0.17	0.34	0.45	0.54	0.63	0.72	0.80	0.87	0.96	1.03	1.10		
75	18		0.37	0.47	0.57	0.66	0.74	0.82	0.90	0.99	1.05	1.12			
	20		0.30	0.42	0.52	0.61	0.69	0.77	0.85	0.93	1.00	1.07			
	22		0.24	0.36	0.46	0.55	0.64	0.72	0.79	0.88	0.95	1.01			
	24		0.16	0.31	0.41	0.50	0.59	0.67	0.74	0.83	0.89	0.96			
70	18		0.34	0.44	0.53	0.61	0.69	0.77	0.85	0.92	0.99				
	20		0.28	0.39	0.48	0.56	0.64	0.72	0.80	0.87	0.93				
	22		0.22	0.33	0.43	0.51	0.59	0.67	0.74	0.81	0.88				
	24		0.14	0.28	0.38	0.46	0.54	0.62	0.69	0.76	0.83				
65	18		0.31	0.40	0.49	0.57	0.64	0.71	0.79	0.85					
	20		0.25	0.35	0.44	0.52	0.59	0.66	0.74	0.80					
	22		0.19	0.30	0.39	0.47	0.54	0.61	0.69	0.75					
	24		0.12	0.25	0.34	0.42	0.50	0.57	0.64	0.70					
60	18		0.28	0.37	0.45	0.52	0.59	0.66	0.73						
	20		0.23	0.32	0.40	0.47	0.54	0.62	0.68						
	22		0.17	0.27	0.35	0.43	0.50	0.57	0.63						
	24		0.11	0.23	0.31	0.38	0.45	0.52	0.58						
55	18		0.25	0.33	0.40	0.47	0.55	0.60							
	20		0.20	0.29	0.36	0.43	0.50	0.56							
	22		0.15	0.24	0.32	0.38	0.45	0.51							
	24		0.09	0.20	0.27	0.34	0.40	0.47							
50	18		0.22	0.30	0.36	0.43	0.49								
	20		0.18	0.25	0.32	0.38	0.44								
	22		0.13	0.21	0.28	0.34	0.40								
	24		0.08	0.17	0.24	0.30	0.36								
45	18		0.19	0.26	0.32	0.38									
	20		0.15	0.22	0.28	0.34									
	22		0.11	0.18	0.24	0.30									
	24		0.06	0.14	0.20	0.26									
40	18		0.16	0.22	0.28										
	20		0.12	0.18	0.24										
	22		0.09	0.15	0.20										
	24		0.05	0.12	0.17										
35	18		0.13	0.19											
	20		0.10	0.15											
	22		0.07	0.12											
	24		0.03	0.09											
30	18		0.10												
	20		0.07												
	22		0.04												
	24		0.02												

*The indicated outputs with  $\Delta T$  50 are the exact outputs, measured in accordance with EN442. An average correction factor is given in this table for all other  $\Delta T$  outputs, applicable for all dimensions. These correction factors are to be used for guidance only.*

# LOW WATER CONTENT HYBRID - CORRECTION FACTORS

## AVERAGE CORRECTION FACTORS ACCORDING TO EN442 - 75/65/20°C

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.53	0.64	0.74	0.83	0.91	0.99	1.06	1.13	1.19	1.27	1.32	1.38	1.44
	20		0.46	0.59	0.69	0.78	0.86	0.94	1.01	1.08	1.15	1.22	1.28	1.33	1.39
	22		0.38	0.53	0.64	0.73	0.81	0.89	0.97	1.03	1.10	1.18	1.23	1.29	1.35
	24		0.28	0.47	0.58	0.68	0.77	0.85	0.92	0.99	1.06	1.12	1.19	1.24	1.30
85	18		0.50	0.61	0.71	0.79	0.87	0.94	1.01	1.08	1.16	1.21	1.27	1.32	
	20		0.43	0.56	0.66	0.74	0.82	0.90	0.97	1.03	1.10	1.17	1.22	1.28	
	22		0.36	0.50	0.61	0.70	0.78	0.85	0.92	0.99	1.05	1.12	1.18	1.23	
	24		0.26	0.44	0.55	0.65	0.73	0.80	0.88	0.94	1.01	1.08	1.13	1.19	
80	18		0.47	0.58	0.67	0.75	0.83	0.90	0.97	1.03	1.10	1.16	1.21		
	20		0.41	0.53	0.62	0.71	0.78	0.85	0.92	0.99	1.06	1.11	1.17		
	22		0.34	0.47	0.57	0.66	0.74	0.81	0.88	0.94	1.01	1.07	1.12		
	24		0.24	0.41	0.52	0.61	0.69	0.76	0.83	0.90	0.97	1.02	1.08		
75	18		0.44	0.55	0.63	0.71	0.79	0.85	0.92	0.99	1.04	1.10			
	20		0.38	0.50	0.59	0.67	0.74	0.81	0.87	0.95	1.00	1.06			
	22		0.31	0.44	0.54	0.62	0.70	0.76	0.83	0.90	0.96	1.01			
	24		0.22	0.39	0.49	0.57	0.65	0.72	0.79	0.86	0.91	0.97			
70	18		0.41	0.51	0.60	0.67	0.74	0.81	0.88	0.93	0.99				
	20		0.36	0.46	0.55	0.63	0.70	0.76	0.84	0.89	0.95				
	22		0.29	0.41	0.50	0.58	0.65	0.72	0.78	0.85	0.90				
	24		0.20	0.36	0.46	0.54	0.61	0.68	0.74	0.80	0.86				
65	18		0.39	0.48	0.56	0.63	0.70	0.76	0.83	0.88					
	20		0.33	0.43	0.51	0.59	0.65	0.72	0.78	0.84					
	22		0.27	0.38	0.47	0.54	0.61	0.67	0.74	0.79					
	24		0.18	0.33	0.42	0.50	0.57	0.63	0.70	0.75					
60	18		0.36	0.44	0.52	0.59	0.65	0.72	0.77						
	20		0.30	0.40	0.48	0.55	0.61	0.68	0.73						
	22		0.24	0.35	0.43	0.50	0.57	0.63	0.69						
	24		0.17	0.30	0.39	0.46	0.52	0.59	0.64						
55	18		0.33	0.41	0.48	0.55	0.61	0.66							
	20		0.27	0.36	0.44	0.50	0.57	0.62							
	22		0.22	0.32	0.39	0.46	0.52	0.58							
	24		0.15	0.27	0.35	0.42	0.48	0.54							
50	18		0.29	0.37	0.44	0.50	0.56								
	20		0.25	0.33	0.40	0.46	0.52								
	22		0.19	0.28	0.36	0.42	0.48								
	24		0.13	0.24	0.31	0.38	0.44								
45	18		0.26	0.33	0.40	0.46									
	20		0.22	0.29	0.36	0.42									
	22		0.17	0.25	0.32	0.38									
	24		0.11	0.21	0.28	0.33									
40	18		0.23	0.30	0.35										
	20		0.19	0.25	0.32										
	22		0.14	0.21											
	24		0.09	0.17											
35	18		0.19	0.26											
	20		0.15	0.21											
	22		0.11	0.18											
	24		0.07	0.14											
30	18		0.16												
	20		0.12												
	22		0.08												
	24		0.04												

The indicated outputs with  $\Delta T$  50 are the exact outputs, measured in accordance with EN 442. An average correction factor is given in this table for all other  $\Delta T$  outputs, applicable for all dimensions. These correction factors are to be used for guidance only.

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