

MasterAir Maker 8

Sales Kit

December 11, 2015



Make It Yours.

Introducing the MasterAir Maker 8

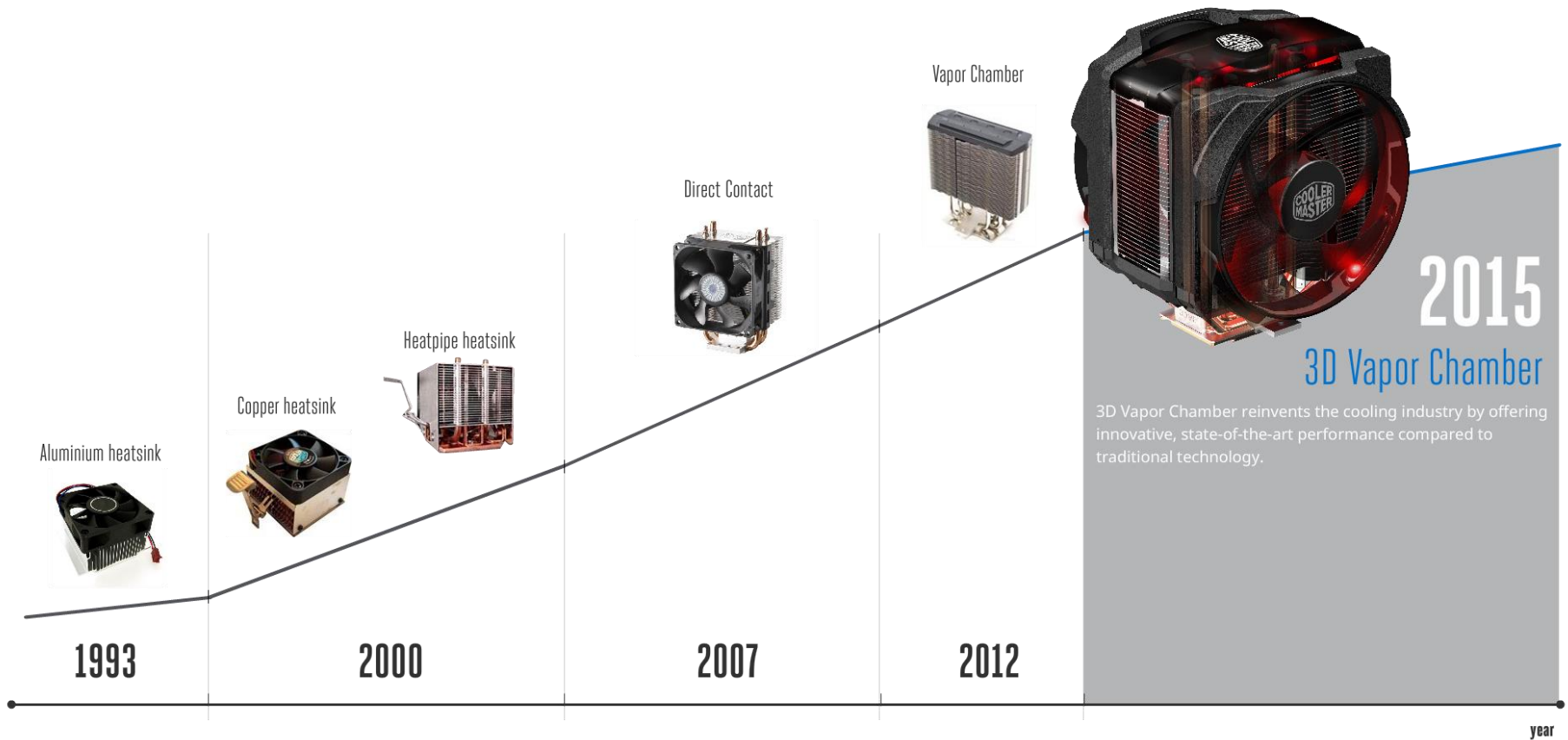


The MasterAir Maker 8 is designed for gamers and overclockers who demand ultra-low temperatures, aggressive LED lighting, and total customization over their hardware.

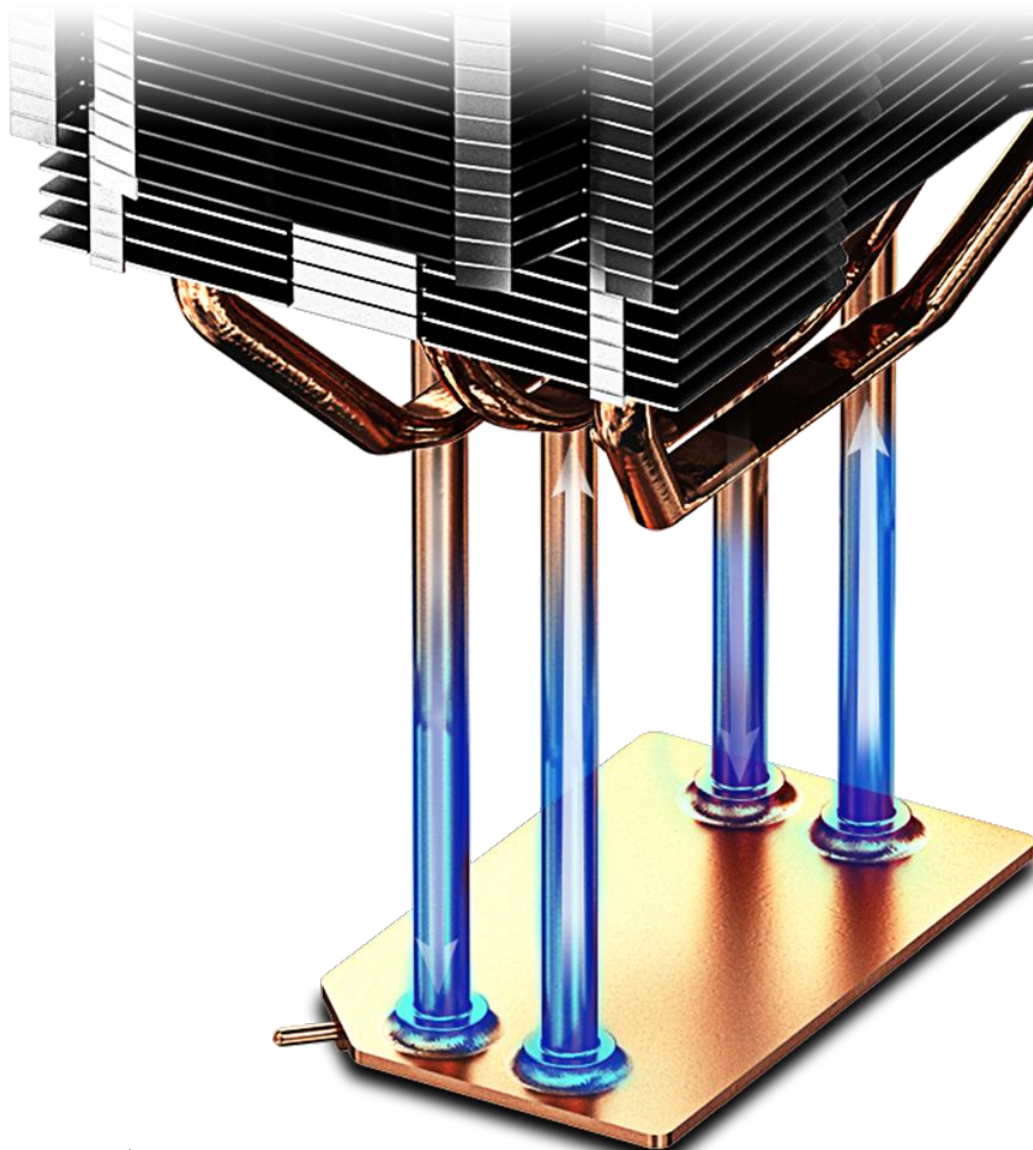
- **3D Vapor Chamber** - Patented design merges horizontal base with heatpipes for superior performance compared to conventional copper base models
- **Quiet and Reliable Fans** – Silent yet powerful, Silencio FP fans provide high-pressure cooling over an ultra-long lifespan
- **Customize Your Style** – Two bundled top covers offer different looks and style. Want more? Set your creativity free with 3D Printing schematics that lets you design your own.
- **Intuitive bracket design** - Upgrading and removing fans is a breeze with a unique bracket design that also allows you to adjust the position for memory or graphics clearance. Includes bracket for 120mm and 140mm support.

For 23 years, Cooler Master has been at the forefront of introducing cutting-edge cooling technology through innovative research and performance testing.

History of Innovation

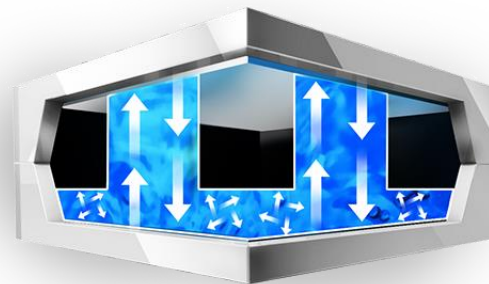


What is 3D Vapor Chamber?

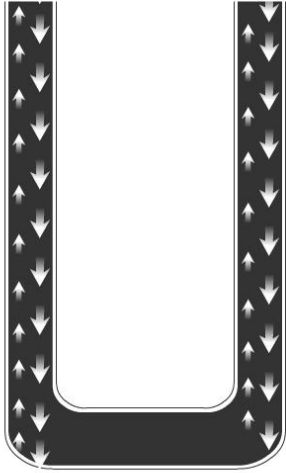


After countless trials and rigorous testing, we've seamlessly combined Horizontal Vapor Chambers (HVC) with native heatpipes. The result? Superior air cooling that better protects your advanced components from overheating and damage.

- 3DVC is filled with coolant that changes from a liquid to gas and back again
- All heatpipes (eight total) have contact with CPU hot spot to greatly improve performance
- 3DVC technology maximizes heat transfer between horizontal base and heatpipes



Why is 3DVC better?



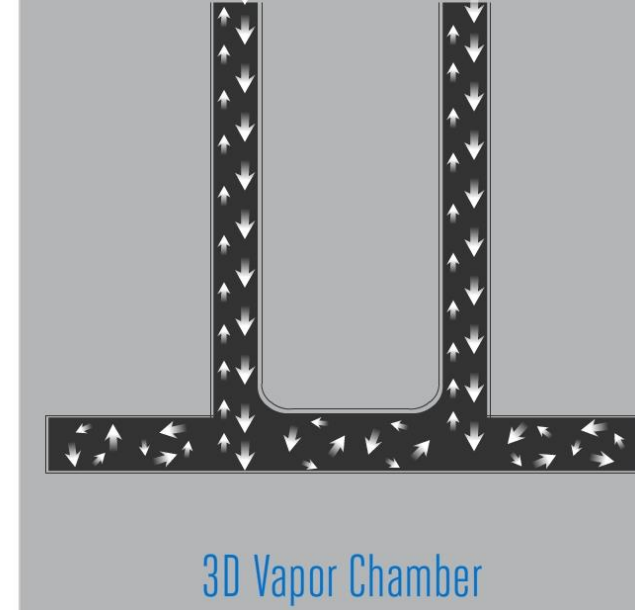
Heatpipe

- Heatpipes are excellent technology that transfer heat vertically.



Vapor Chamber

- HVC is great at transferring heat horizontally on the hotspot.



- 3DVC is better and more efficient because it combines four native heatpipes and Vapor Chamber into one solid unit to quickly absorb higher Thermal Design Power (TDP).

The MasterAir Maker 8 is the best performance solution for gamers and overclockers looking for an air cooling solution.

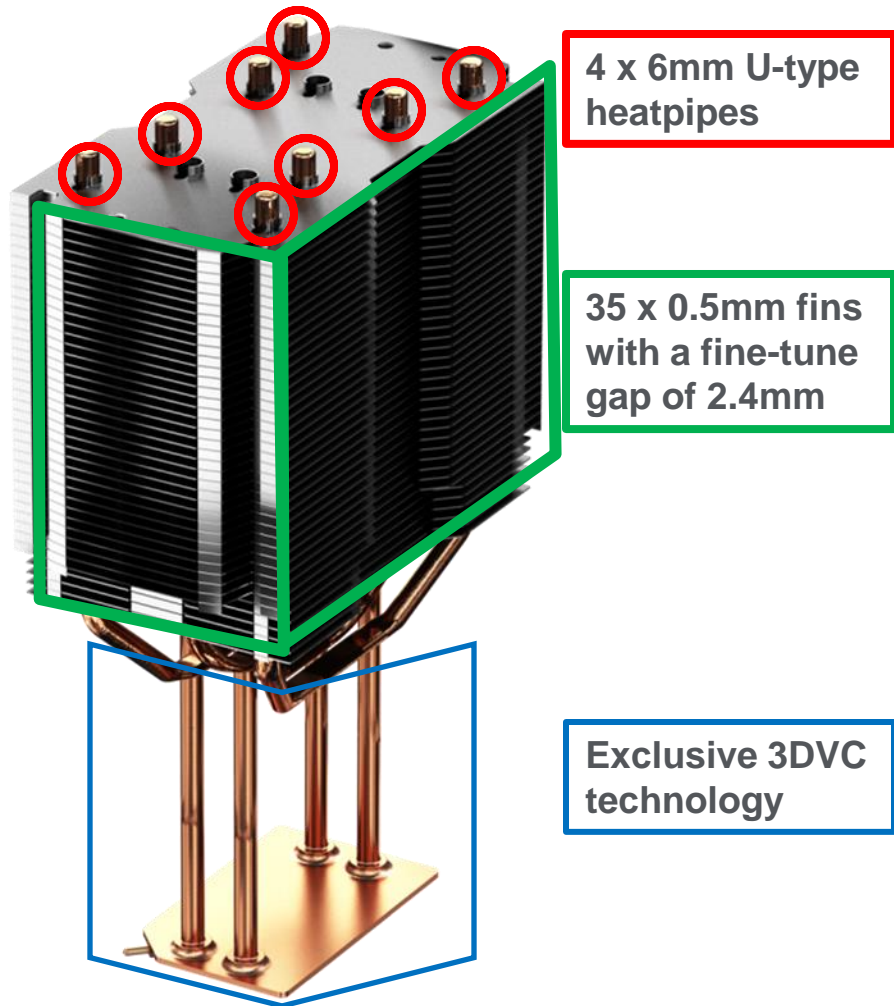
Who is the MasterAir Maker 8 for?



The MasterAir Maker 8 is ideal for both gamers and overclockers looking for the best air cooling performance solution. Plus, it looks totally cool.

- Aggressive look and massive status – intimidate your opponents on LAN
- Flashy LED lighting on top cover and fan brackets
- 3DVC tech increases the thermal resistance, making it great for intensive applications, gaming, and overclocking.

Designed for Gaming and Overclocking



**4 x 6mm U-type
heatpipes**

**35 x 0.5mm fins
with a fine-tune
gap of 2.4mm**

**Exclusive 3DVC
technology**

Long hours of gaming or overclocking requires an air cooler that can handle your CPU's Thermal Design Power (TDP), and meet the increase in power consumption.

The MasterAir Maker 8 gives you peace of mind with a 250W capability. The high 250W TDP helps protect your system from becoming unstable or shutting down.

- Total of eight heatpipes (four seamlessly merged with the base) offer the best performance for thermal dissipation
- Well-balanced heatsink dissipates heat away from the heatpipes.
- Can handle up to 250W Thermal Design Power (TDP), making it great for overclocking

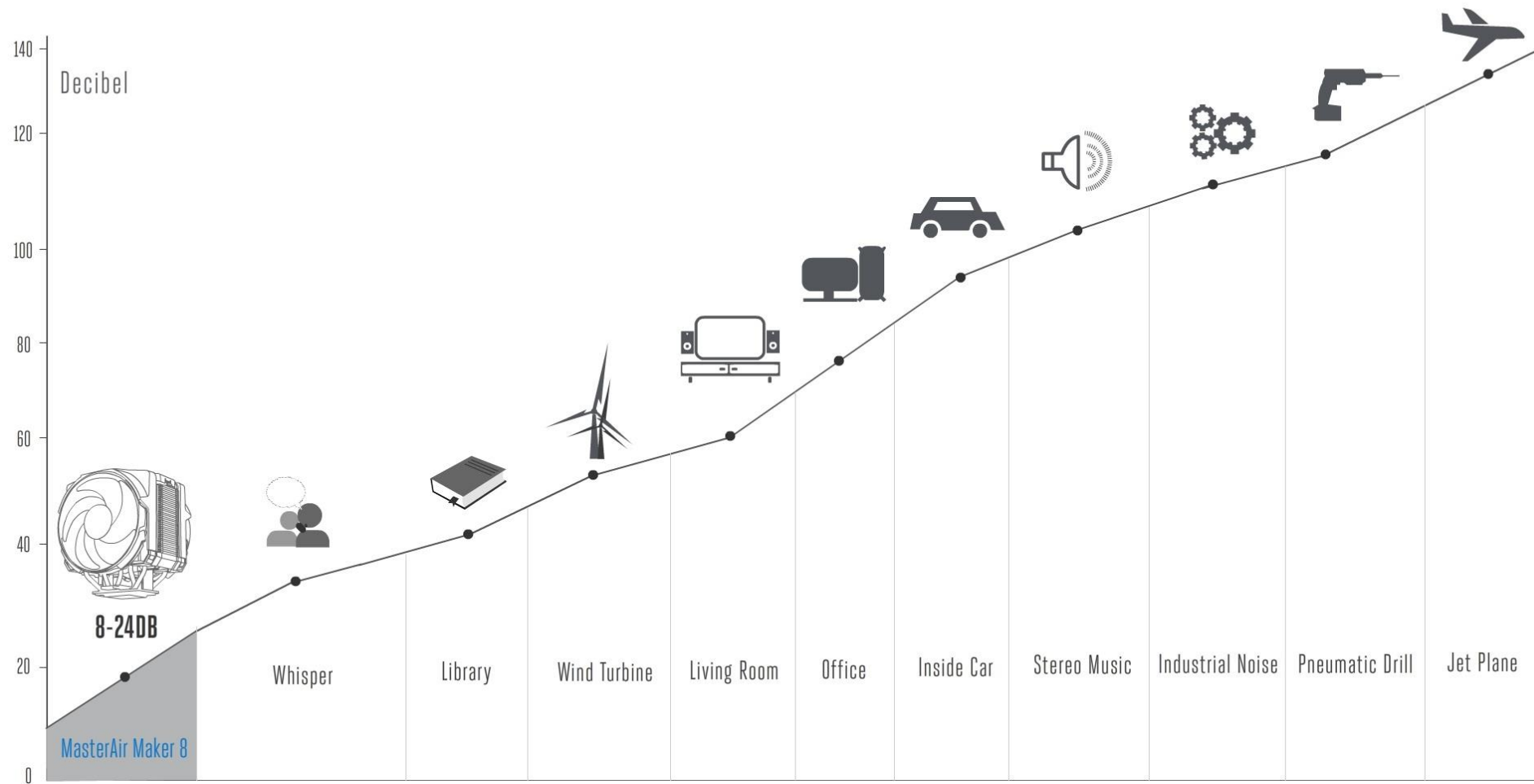
Silencio FP Fans - Less Noise, More Air Pressure



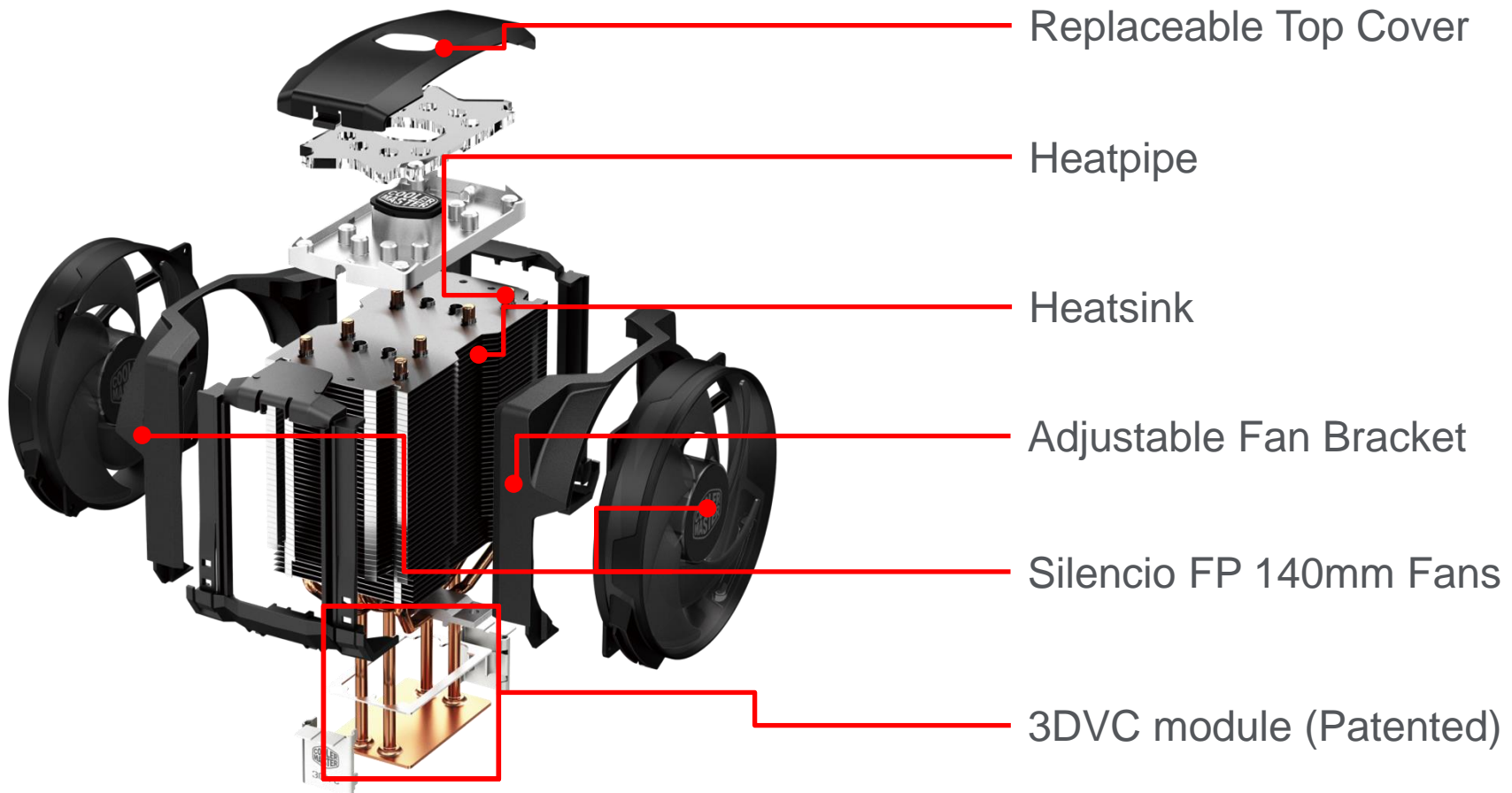
The MasterAir Maker 8 comes with the highest quality fans, the Silencio FP 140mm, making it one of the quietest choices when it comes to high performance air coolers.

- **Quality and Reliability**
 - Self-lubricating and dustproof design
 - 160,000 hours lifespan
- **Reduced Noise and Power Output**
 - Silent Driver IC: quiet operation, minimal vibration, and low power
- **More Air Pressure**
 - Unique fan blade design generates 25% more air pressure

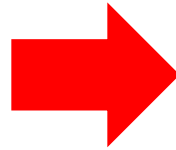
Noise Level



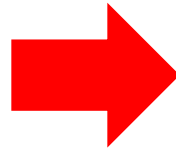
The MasterAir Maker 8 provides maximum cooling and lower temperatures along with unique customization options.



Intuitive Bracket Design



140mm fan



120mm fan

- Supports both 140mm and 120mm fans.
- Hold the release tab and slide the fan up to easily remove fans
- Replace fans and customize look to match your rig's color scheme
- Adjust the fan location for memory or graphics card clearance.

Unique Top Cover Customization



- Aluminum plate for clean and stylish finish



- Translucent cover to show off flashy LEDs



- Or go without top cover for a robotic, metallic-looking grill

3D Printing – Freely Express Yourself



We know the community also has some awesome ideas, and the ability to express them in everything they make or do.

Want to 3D print a creative design or image on the top cover? Go for it. Or what about creating a LED light fixture or 3D model that protrudes out of the air cooler like alien? Well if you can design it and actually fit it it onto the cooler, then why not?

3D print to your heart's content and make the MasterAir Maker 8 truly yours.

Packaging



Portfolio Positioning

Thermal Loading



Casual Use



Pro Use



Audio



Gaming



Over Clock

CPU

180W

150W

130W

95W



Geminii S524 V2



Hyper 612 V2



Geminii M4



Hyper 212 series



Seidon 120V Plus



Vortex 211 P/Q



X Dream P115/i117



Hyper TX3 EVO



Hyper 103



V8 GTS/V2



MasterAir Maker 8



Nepton series

Competition Comparison

Watercooling

Brand	Cooler Master	Thermalright	Noctua	Deepcool	Deepcool
Model	MasterAir Maker	Silver Arrow	D15	Assassin	Maelstrom 240
Dimension	144.5x135x170.7	154x103x163	150x161x165	144x154x160	274x120x27
Height	170.7	163	165	160	Waterblock: 31.5
Heat Pipe Amount	3DVC + 6mm x 8	6mm x 8	6mm x 6	6mm x 8	N/A
Weight(g)	1350	1092	935	1378	1116
Manufacture	Soldering	Soldering	Soldering	Soldering	N/A
Fan Size	14025 x 2	15025 x 2	15025 x 2	14025 x 1+ 12025 x 1	12025 x 2
Fan Speed	600 – 1800 RPM	900 – 1300 RPM	300- 1500 RPM	700 – 1400 RPM	600 – 2200 RPM
Acoustic	8 – 24 dBA	22 - 34 dBA	19.2 - 24.6 dBA	18.2 - 32 dBA	17.6 – 39.3 dBA
Temperature (ambient Temp: 30)	52.5	55	55	57.5	57
MSRP	\$129.99	\$99.99	\$99.00	\$83	\$105.99
Warranty	5 years	2 years	6 years	2 years	3 years
Photo					

Specification



CPU Socket	Intel LGA socket 2011-v3 / 2011 / 1366 / 1151/1150/1156/1155/775 AMD Socket FM2+ / FM2 / FM1 / AM3+ / AM3 / AM2+
Dimensions	135 x145 x 171.7 mm
Heatsink Dimensions	78 x 144.5 x 160.5 mm
Heatsink Material	3D Vapor Chamber Base / 8 Heat Pipes / Aluminum Fins
Heatsink Weight	758g
Heatpipe Dimensions	Φ 6mm
Fan Dimensions	Φ 140 x 25mm x 2pcs
Fan Speed	600 - 1800 RPM ± 10%
Fan Air Flow	19.8 – 66 CFM ± 10%
Fan Air Pressure	0.24 – 2.2 mmH ₂ O
Fan Life Expectancy	160,000 hours
Noise Level	8 – 24 dBA
Bearing Type	Loop Dynamic Bearing
Connector	4 PIN
Rated Voltage	12 VDC
Rated Current	0.15 A
Power Consumption	1.8 W
Fan Weight	130 g
Weight	1350 g

Available Worldwide January, 2015

