



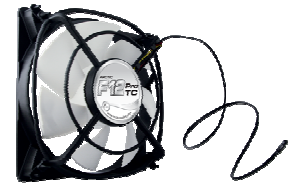
www.arctic-cooling.com

For immediate release



## ARCTIC F Pro TC Temperature Controlled High Performance Case Fans

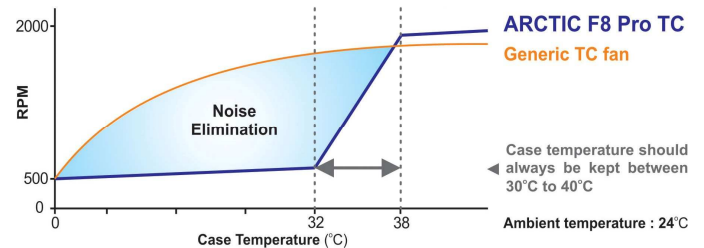
(Pfäffikon/Switzerland, 8 July 2009) The Swiss low noise cooling solution provider ARCTIC COOLING today unveiled the new **ARCTIC F Pro TC** case fan series in 80mm, 92mm and 120mm. The intelligent programmed temperature controller and accurate temperature detection make them the best TC fans in the market.



### Cutting-edge thermal management concept

Unlike other generic temperature controlled case fans, the **ARCTIC F Pro TC** fan provides cooling according to not only the temperature, but also the overall necessity for cooling.

The revolutionary programmed temperature controller plays a key role. As shown in the chart, when case ambient air temperature is at safe level 0°C to 32°C, the **ARCTIC F Pro TC** fan speed remains at its lowest (500 rpm). This is to offer adequate ventilation at the lowest noise level possible. The **ARCTIC F Pro TC** is therefore completely inaudible (0.05 sone) at low temperatures – a much quieter level than generic TC fans.



However, once a gaming system is at load, the case ambient air temperature will go up speedily, and without any case fans, most likely it will rise above 40°C, an overheated level for most PC cases. High performance and instant cooling is vital at this stage in order to eliminate the risk of overheating and system instability.

The **ARCTIC F Pro TC** is programmed to achieve top fan speed at 38°C. The fan responds to the rise in temperature swiftly – within a critical 6°C range, the rpm of the **ARCTIC F Pro TC** fan increases from around 500 to its maximum of 2,000 rpm (the steep curve in the chart). Heat is dissipated from the case rapidly in order to achieve immediate cooling. As a result, the case air temperature remains at 38°C or below and thus the possibility of having a system failure can be eliminated.

### Highly flexible – sensor on a 40cm cable

The accurate temperature sensor of the **ARCTIC F Pro TC** is equipped at the end of a 40cm cable. This gives much better flexibility when choosing the most appropriate spot that users would like to have the temperature detection.

The **ARCTIC F Pro TC** fans come with a 6 year limited warranty. They are available in July 2009. The MSRP is US\$6.50 / 4.90€ (F8), US\$6.90 / 5.20€ (F9), US\$7.90/ 5.90€ (F12).

	Fan speed	Airflow	Noise level
<b>ARCTIC F8 Pro TC</b>	500 - 2,000 RPM	28 CFM / 47.6 m <sup>3</sup> /h	0.05 – 0.3 Sone
<b>ARCTIC F9 Pro TC</b>	500 - 2,000 RPM	35 CFM / 59.5 m <sup>3</sup> /h	0.05 – 0.4 Sone
<b>ARCTIC F12 Pro TC</b>	400 - 1,300 RPM	33 CFM / 55.8 m <sup>3</sup> /h	0.05 – 0.4 Sone

### About ARCTIC COOLING

ARCTIC COOLING Switzerland AG is the trusted leader in providing low noise thermal cooling solutions for PC. Its diversified product lines include CPU cooler, VGA cooler, case fan, PC case and PSU. The innovative engineering team excels in systematic noise reduction, heatsink development, customization of thermal solutions, low noise fan design, PC case and PSU elaboration. Headquartered in Pfäffikon, Switzerland, ARCTIC COOLING operates international offices in Hong Kong and the US providing local shipping, customer service and sales support for their regions.

For media enquiries, please contact:

**Betsy Leung**

Marketing Executive

+852 2989 6007

[betsy.leung@arctic-cooling.com](mailto:betsy.leung@arctic-cooling.com)