

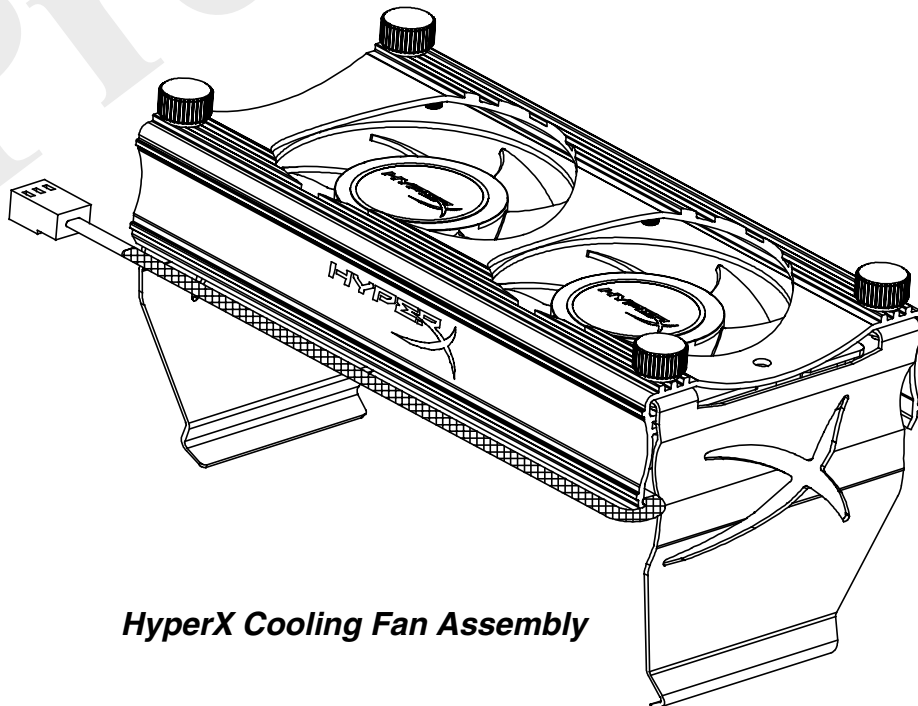
KHX-FAN-B HyperX Cooling Fan Assembly (Black)

DESCRIPTION:

This document describes Kingston's HyperX memory module cooling fan assembly. If you are looking to maximize the performance potential of your HyperX memory... this is it. With twin fans focusing air directly onto your HyperX modules, your modules will run cooler, even in the most demanding environments. The mechanical and electrical specifications are as follows:

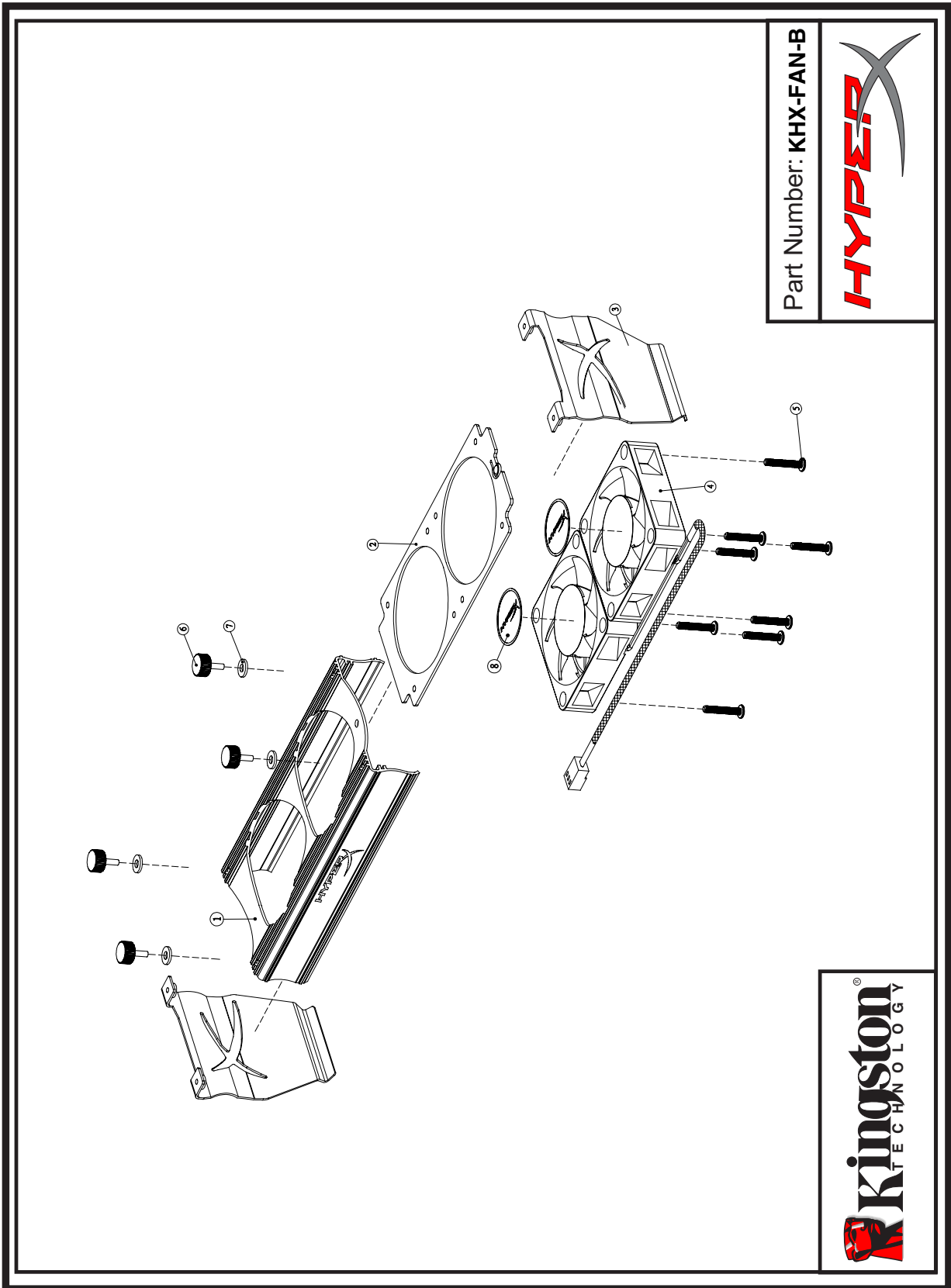
PERFORMANCE:

<input checked="" type="checkbox"/> Rated Voltage	12 VDC
<input checked="" type="checkbox"/> Operational Voltage	8 - 13.5 VDC
<input checked="" type="checkbox"/> Input Current	0.09 amp
<input checked="" type="checkbox"/> Input Power	1.08 watt
<input checked="" type="checkbox"/> RPM	3000 \pm 10%
<input checked="" type="checkbox"/> Speed Control Type	Frequency Generator (FG)
<input checked="" type="checkbox"/> Signal Output	
<input checked="" type="checkbox"/> Max. Air Flow	0.43 m ³ /min
At Zero Static Pressure	15.02 CFM
<input checked="" type="checkbox"/> Max. Air Pressure	2.31 mm-H ₂ O
At Zero Flow	0.09 inch-H ₂ O
<input checked="" type="checkbox"/> Accoustical Noise	25 (28 max.) dB-A

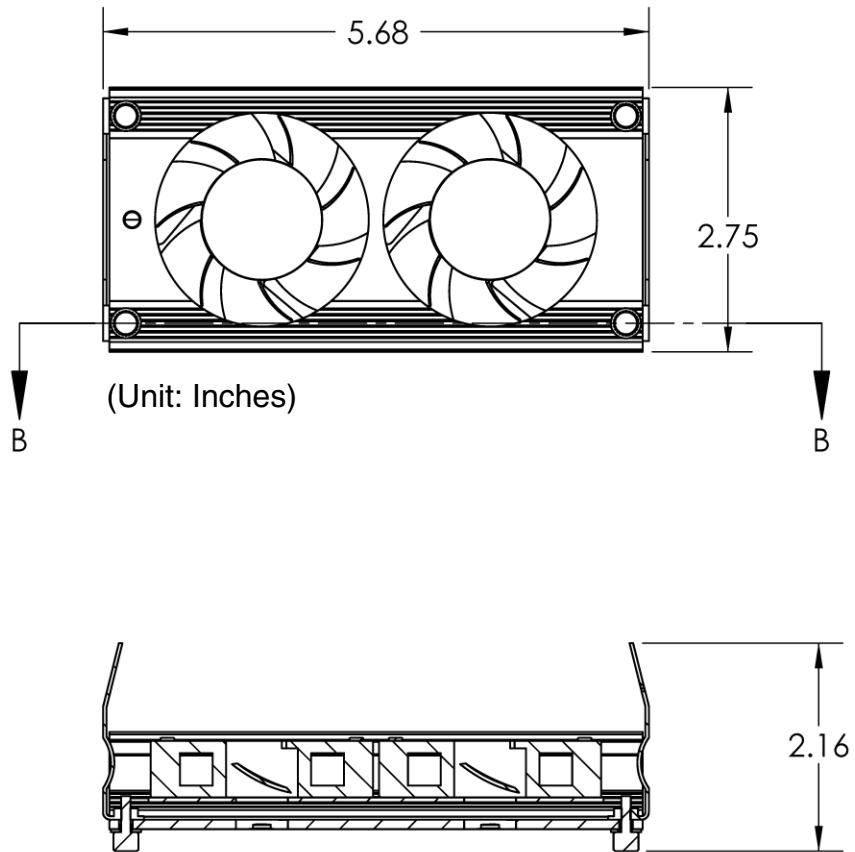


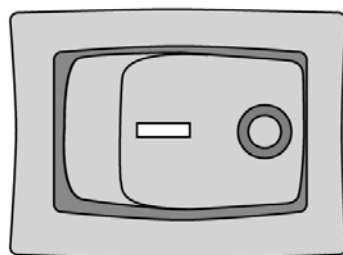
HyperX Cooling Fan Assembly

ASSEMBLY:

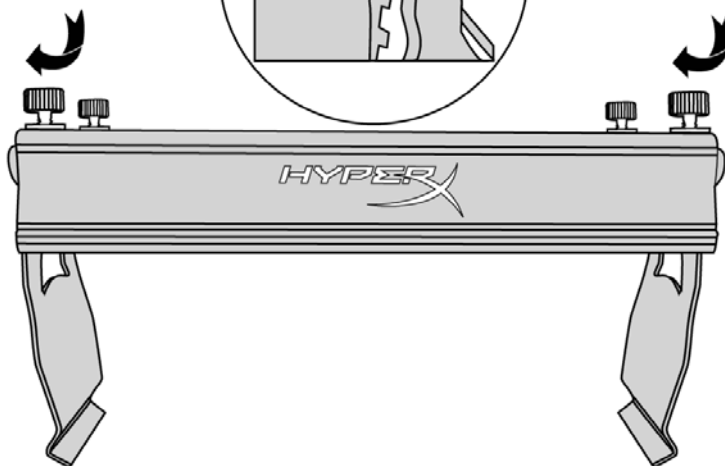


DIMENSIONS:

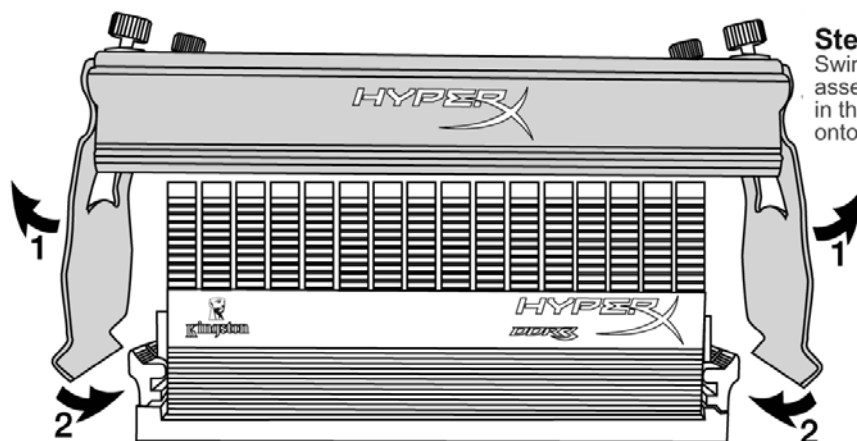


INSTALLATION:**Step #1:**

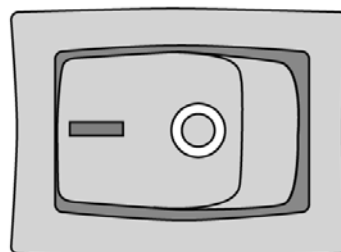
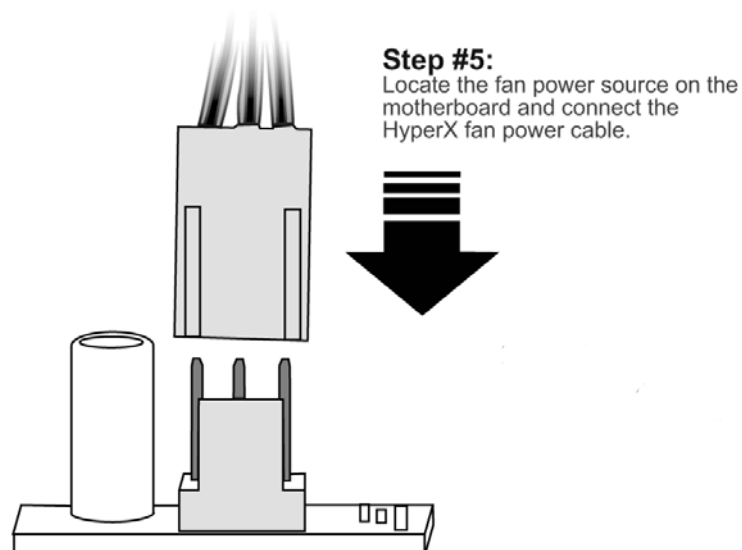
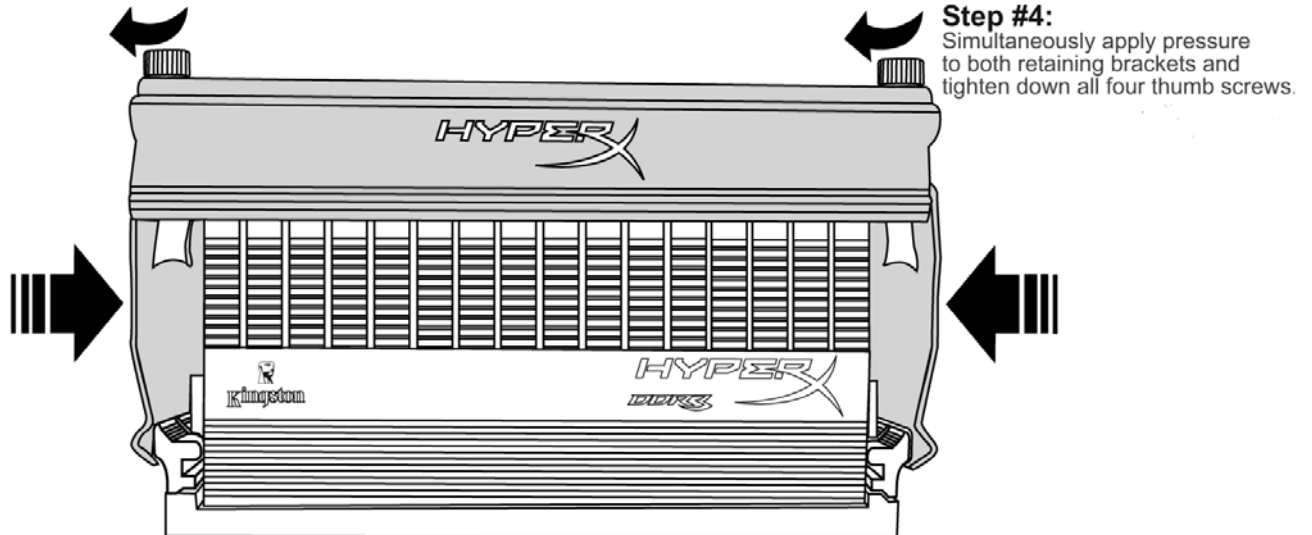
Power the computer system off, disconnect the AC power cord and remove the computer cover.

**Step #2:**

To assemble the HyperX fan, secure the two side brackets with the four thumb screws / washers. Do not tighten the screws completely!

**Step #3:**

Swing the retaining brackets open and slide the assembly over the HyperX modules as shown in the illustration. Rest the base of the brackets onto the memory socket lock tabs.

INSTALLATION (cont.):

Step #6:
Reconnect the AC power cord and power up the computer to verify fan operation. Replace the computer cover.