

EXHIBIT J

U.S. Patent No. 9,824,549	
Claim 1	Accused Antec Controls Fume Hood Interface (“FHI”)
An apparatus for providing side-viewable illumination of a wall-mounted plate to allow a wider off-axis viewing angle for alerts to changes in a condition being monitored by a sensor, the apparatus comprising:	<p>To the extent the preamble is limiting, the FHI is an apparatus for providing side-viewable illumination of a wall-mounted plate to allow a wider off-axis viewing angle for alerts to changes a condition—namely, room pressure—being monitored by a sensor, which sensor is a room pressure sensor.</p> <div data-bbox="451 529 930 724"> <p>FACE VELOCITY INDICATION (FHI)</p> </div> <p>The FHC provides fume hood information locally on the Fume Hood Interface. The illuminated display and 180° side-view use recognizable colors to provide a quick visual status. A password-protected menu allows for full setup or simple set-point adjustments right at the fume hood.</p> <div data-bbox="1066 505 1806 1183"> </div>
	See https://anteccontrols.com/wp-content/uploads/2019/08/Catalog_ANTEC_FHCplus_v101.pdf at 3.

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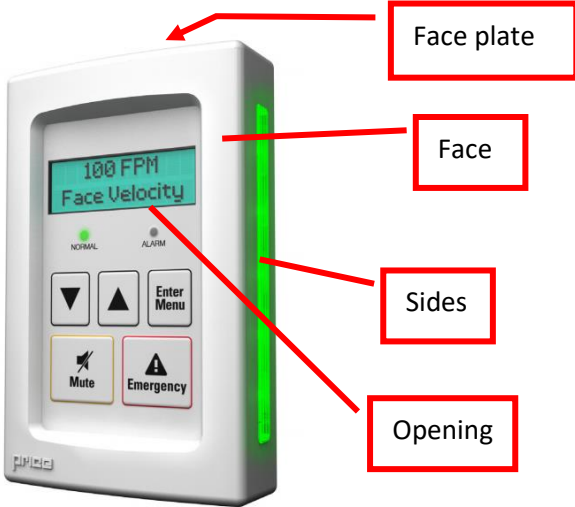
U.S. Patent No. 9,824,549	
Claim 1	Accused Antec Controls Fume Hood Interface (“FHI”)
a) a face plate having a face, sides and an opening;	<p>The FHI includes a face plate having a face, sides, and an display opening.</p>  <p>See https://anteccontrols.com/wp-content/uploads/2020/05/UserGuide_FHI_101.pdf at cover.</p>
b) a back plate having a front face, rear face and sides,	<p>The FHI contains a back plate having a front face, rear face, and sides.</p>

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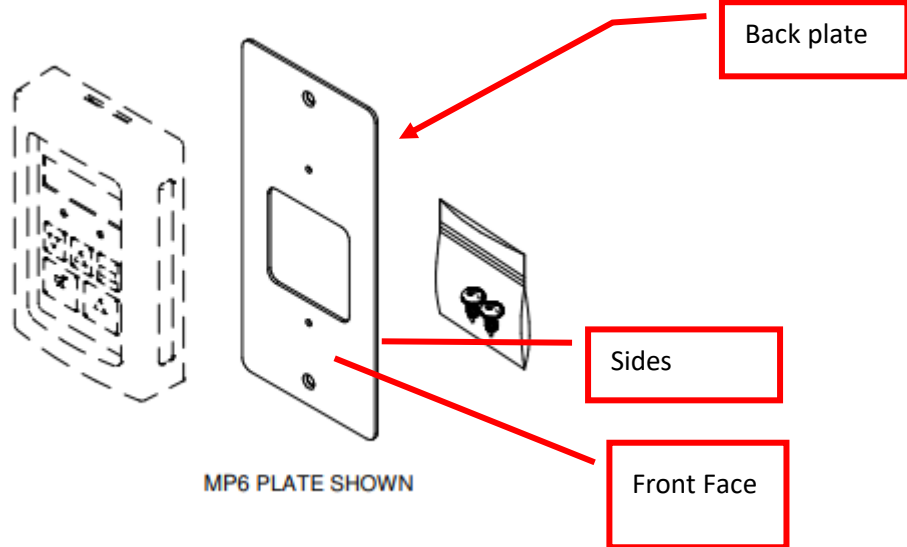
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	 <p>MP6 PLATE SHOWN</p> <p>(Rear face not shown).</p> <p>https://anteccontrols.com/wp-content/uploads/2020/04/Submittal_FHI-1-X_270114_C.pdf at 2.</p>

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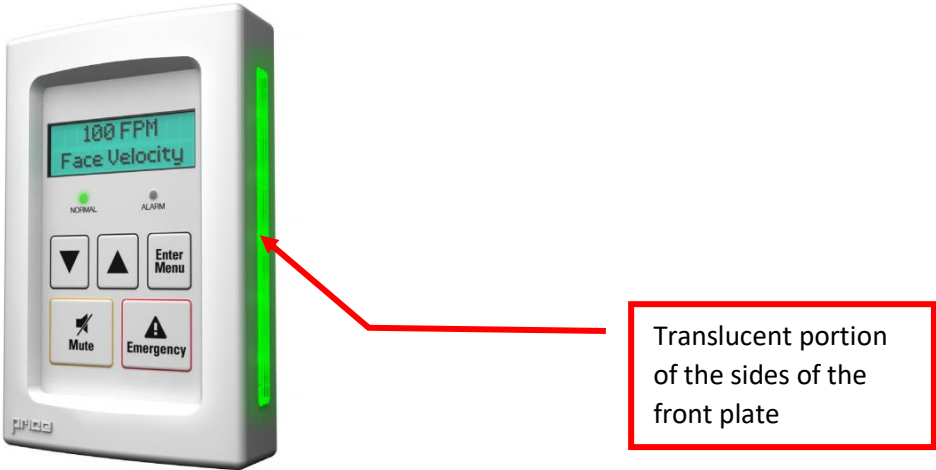
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Claim 1	Accused Antec Controls Fume Hood Interface (“FHI”)
the sides having at least a portion thereof being transparent or translucent;	<p>The back plate of the FHI does not have sides having at least a portion thereof being transparent or translucent. However, the FHI has an equivalent structure, in that the sides of the front plate have a portion thereof being transparent or translucent.</p>  <p>See https://anteccontrols.com/wp-content/uploads/2020/05/UserGuide_FHI_101.pdf at cover.</p> <p>This structure is insubstantially different from having the transparent sides in the back plate, in that it achieves the same function (“the sides allow a wider off-axis viewing angle to see a change in the at least one light-emitting device in response to the sensor information”) in the same to achieve the same result.</p>

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	FHI Operation After a factory certified technician has configured the Fume Hood Controller, the FHI will provide visual and audible feedback for the operating status of the fume hood. The FHI has five status conditions, which may have a variety of usages:			
	Mode	Status	FHI Display	LED Bars
	Occupied (Normal Operation)	Normal – Face Velocity reading within low/high alarm limits		Green
	Occupied (Caution)	Caution – Face velocity readings outside low/high caution limits		Yellow
	Occupied (Alarm)	Alarm – Face velocity readings outside low/high alarm setpoints		Red
	Setback (Unoccupied)	Setback – Face velocity setpoint may be reduced as well as the low/high face velocity alarms.		Blue
	Off	Off – Fume hood is not in use and the exhaust air system is turned off. No face velocity control or alarms are enabled		Off
See https://anteccontrols.com/wp-content/uploads/2020/05/UserGuide_FHI_101.pdf at 4.				

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c) a controller;	The FHI has a controller that responds to changes in sensor information.																																																			
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EXHIBIT J**FHI Operation**

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Mode	Status	FHI Display	LED Bars	Audible Alarm
Occupied (Normal Operation)	Normal – Face Velocity reading within low/high alarm limits		Green	Off
Occupied (Caution)	Caution – Face velocity readings outside low/high caution limits		Yellow	Off
Occupied (Alarm)	Alarm – Face velocity readings outside low/high alarm setpoints		Red	On
Setback (Unoccupied)	Setback – Face velocity setpoint may be reduced as well as the low/high face velocity alarms.		Blue	Off
Off	Off – Fume hood is not in use and the exhaust air system is turned off. No face velocity control or alarms are enabled		Off	Off

Id. at 4.

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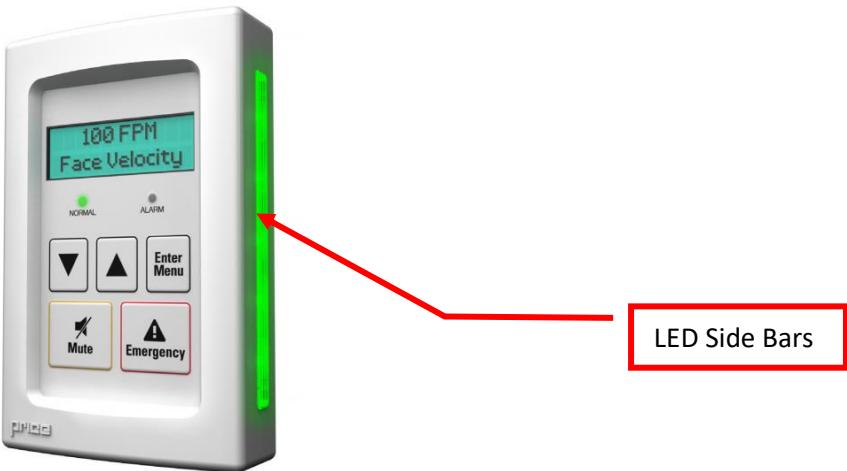
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Claim 1	Accused Antec Controls Fume Hood Interface (“FHI”)
d) at least one light-emitting device associated with the back plate rear face and positioned such that light emitted by the light-emitting device at least partially passes through the back plate sides;	<p>The FHI does not have at least one light-emitting device associated with the back plate rear face and positioned such that light emitted by the light-emitting device at least partially passes through the back plate sides. However, the FHI has an equivalent structure, in that it has at least one light-emitting device associated with the front plate rear face and positioned such that light emitted by the light-emitting device at least partially passes through the front plate sides.</p>  <p>See https://anteccontrols.com/wp-content/uploads/2020/05/UserGuide_FHI_101.pdf at cover.</p>

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e) at least one sensor in communication with the controller such that the controller can actuate or change a condition of at least one light-emitting device in response to the sensor information received by the controller;	<p>The FHI has multiple sensors in communication with the controller such that the controller can actuate or change a condition of the at least one light emitting device in response to the sensor information received by the controller.</p> <p>Information Menu</p> <p>The information menu is a read only menu to show current readings for important fume hood parameters to a lab technician using the fume hood. To access this menu press the Enter/Menu button once. The up and down arrows are then used to scroll through the readings.</p> <table><tr><td>VALVEPRESSURE</td><td>▼</td></tr><tr><td>AIRFLOW</td><td>▼</td></tr><tr><td>SASH 1 HEIGHT</td><td>▼</td></tr><tr><td>SASH 2 HEIGHT</td><td>▼</td></tr><tr><td>SASH 3 HEIGHT</td><td>▼</td></tr><tr><td>SASH OPEN</td><td>▼</td></tr><tr><td>VELOCITY TRGT</td><td>▼</td></tr><tr><td>FACE VELOCITY</td><td>▼</td></tr><tr><td>CONTROL METHOD</td><td>▼</td></tr><tr><td>OCCUPANCY</td><td>▼</td></tr></table> <table><tr><td>VALVE PRESSURE</td><td>in.w.c.</td><td>Displays the current Venturi Valve pressure when present.</td></tr><tr><td>AIRFLOW</td><td>CFM</td><td>Displays the current airflow device airflow rate.</td></tr><tr><td>SASH HEIGHT 1</td><td>Inches</td><td>Displays the current height of Sash Sensor 1.</td></tr><tr><td>SASH HEIGHT 2</td><td>Inches</td><td>Displays the current height of Sash Sensor 2.</td></tr><tr><td>SASH HEIGHT 3</td><td>Inches</td><td>Displays the current height of Sash Sensor 3.</td></tr><tr><td>SASH OPEN</td><td>%</td><td>Displays the current percentage of open sash area.</td></tr><tr><td>VELOCITY TARGET</td><td>FPM</td><td>Displays the current face velocity target.</td></tr><tr><td>FACE VELOCITY</td><td>FPM</td><td>Displays the current face velocity.</td></tr><tr><td>CONTROL METHOD</td><td>Sash Sidewall Hybrid</td><td>Displays the current face velocity control method.</td></tr><tr><td>OCCUPANCY</td><td>Occupied Setback Off</td><td>Displays the current occupancy state of the fume hood.</td></tr></table> <p>NOTE: To exit the information menu scroll to the last menu option which displays as “Press enter to exit menu.” Press enter and it will bring you back to the main screen.</p> <p>See https://anteccontrols.com/wp-content/uploads/2020/05/UserGuide_FHI_101.pdf at 3.</p> <p>The controller actuates or changes a condition of the light emitting device in response to the sensor information received by the controller.</p>		VALVEPRESSURE	▼	AIRFLOW	▼	SASH 1 HEIGHT	▼	SASH 2 HEIGHT	▼	SASH 3 HEIGHT	▼	SASH OPEN	▼	VELOCITY TRGT	▼	FACE VELOCITY	▼	CONTROL METHOD	▼	OCCUPANCY	▼	VALVE PRESSURE	in.w.c.	Displays the current Venturi Valve pressure when present.	AIRFLOW	CFM	Displays the current airflow device airflow rate.	SASH HEIGHT 1	Inches	Displays the current height of Sash Sensor 1.	SASH HEIGHT 2	Inches	Displays the current height of Sash Sensor 2.	SASH HEIGHT 3	Inches	Displays the current height of Sash Sensor 3.	SASH OPEN	%	Displays the current percentage of open sash area.	VELOCITY TARGET	FPM	Displays the current face velocity target.	FACE VELOCITY	FPM	Displays the current face velocity.	CONTROL METHOD	Sash Sidewall Hybrid	Displays the current face velocity control method.	OCCUPANCY	Occupied Setback Off	Displays the current occupancy state of the fume hood.
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Id. at 4.

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