

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

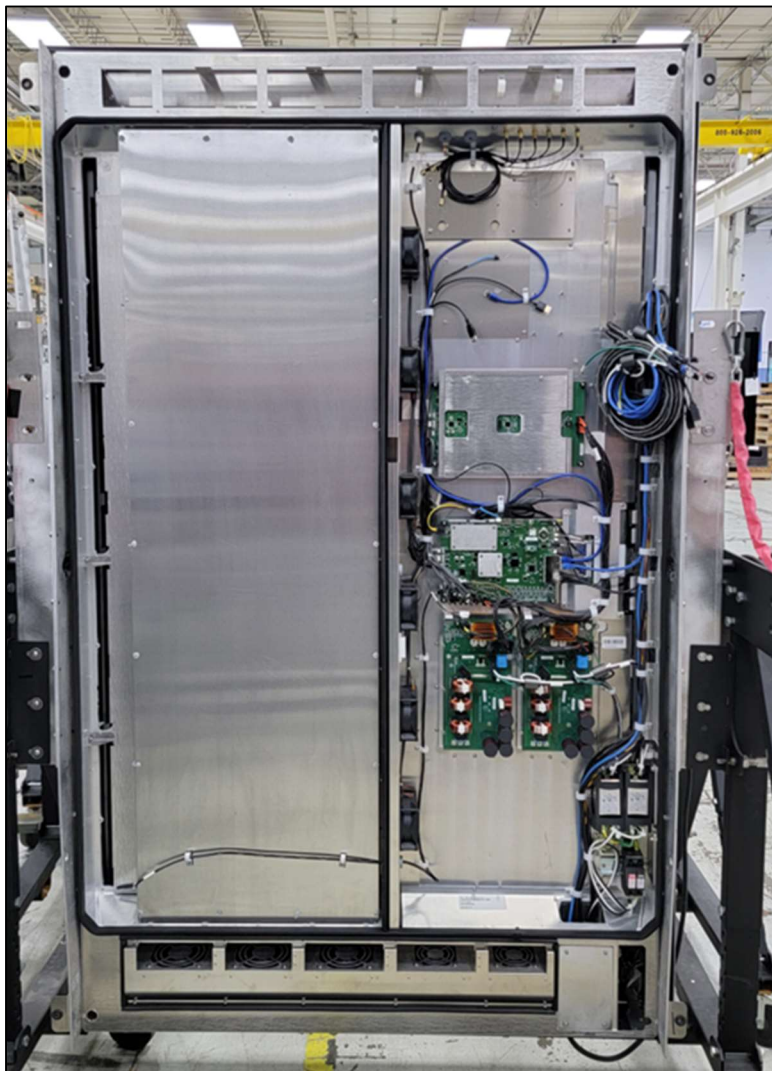
Analysis of MRI 75" and 86" Outdoor Display Products
Claim Chart for U.S. Patent No. 10,506,740

MRI Large Format (75" and 86") Outdoor Displays:



Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

Interior view of MRI Large Format Outdoor Displays:



Views from Top:

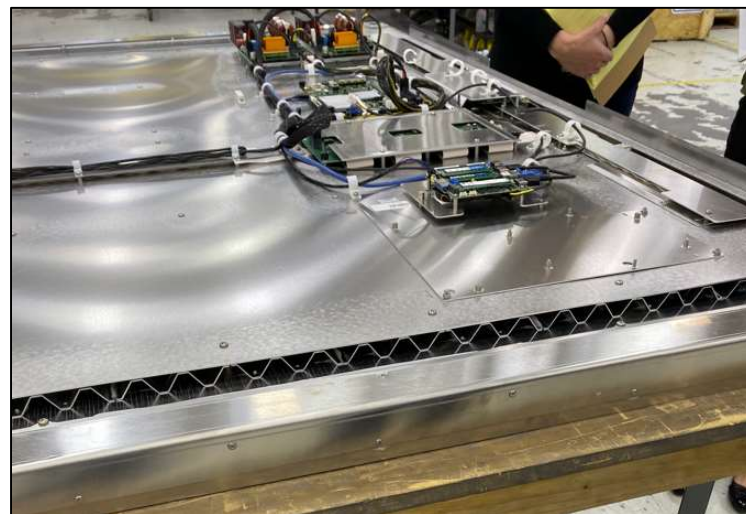
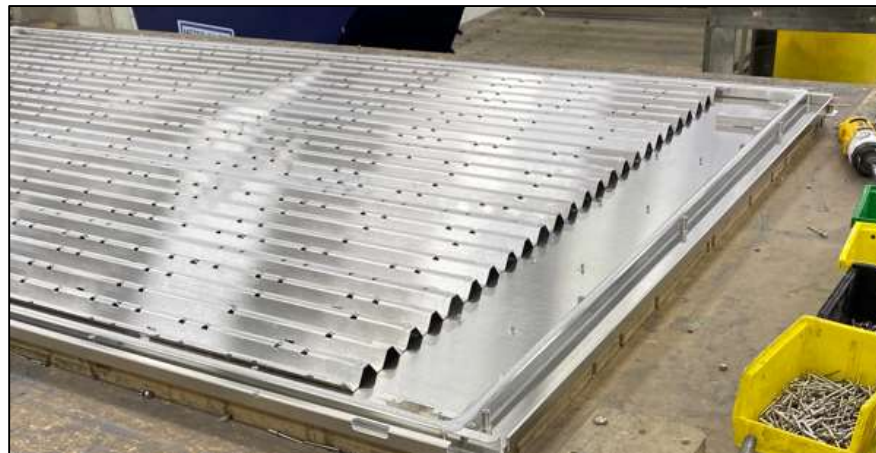
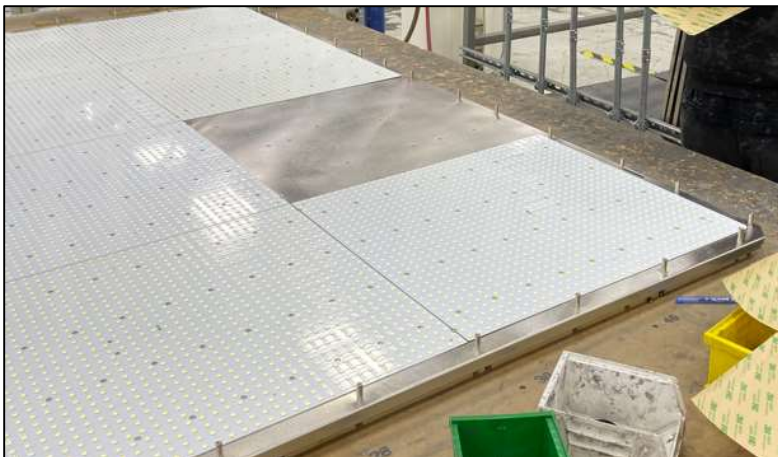


View of Bottom:



Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

Backlight Assembly*:



*Photos depict exemplary components and construction of MRI displays.

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

The electronic display has multiple components, including the LED backlight*.



Optical elements (films) are located between the LED backlight and the LCD cell:



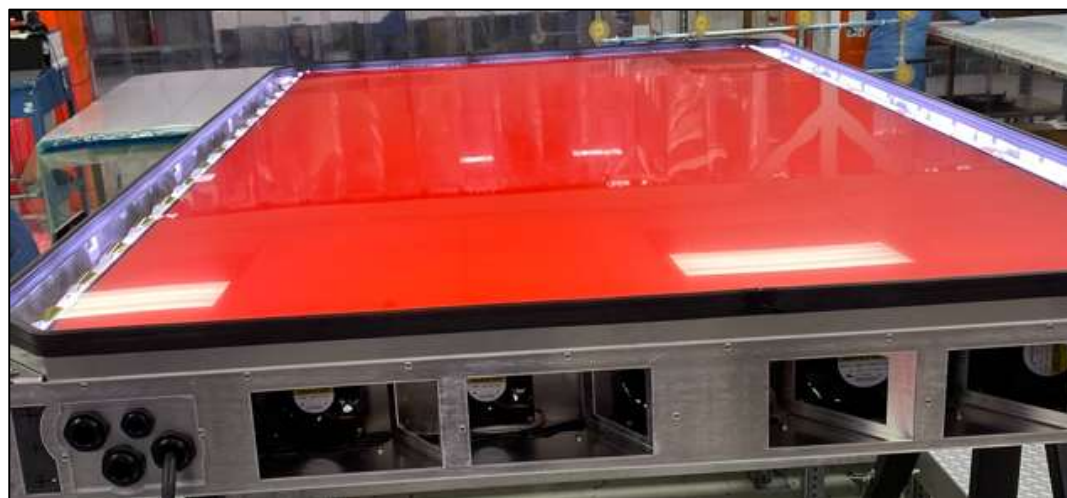
*Photos depict exemplary components and construction of MRI displays.

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

LCD cells (glass layers separated by LCD fluid) are placed adjacent to these optical elements*:



When the LED backlight is operational, the LCD cell can generate color displays:

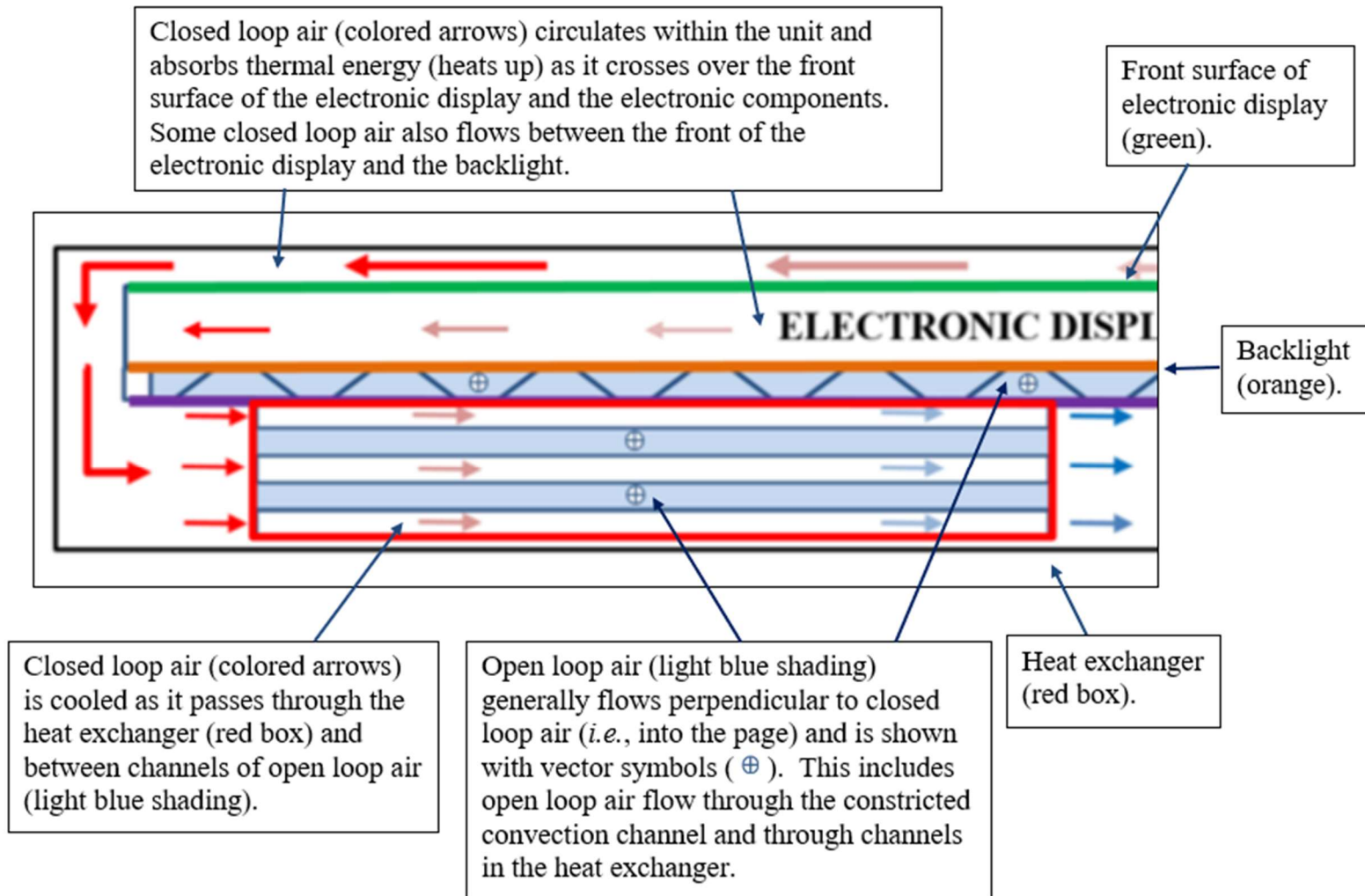


*Photos depict exemplary components and construction of MRI displays.

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

Schematic of Airflow within unit (1 of 2):

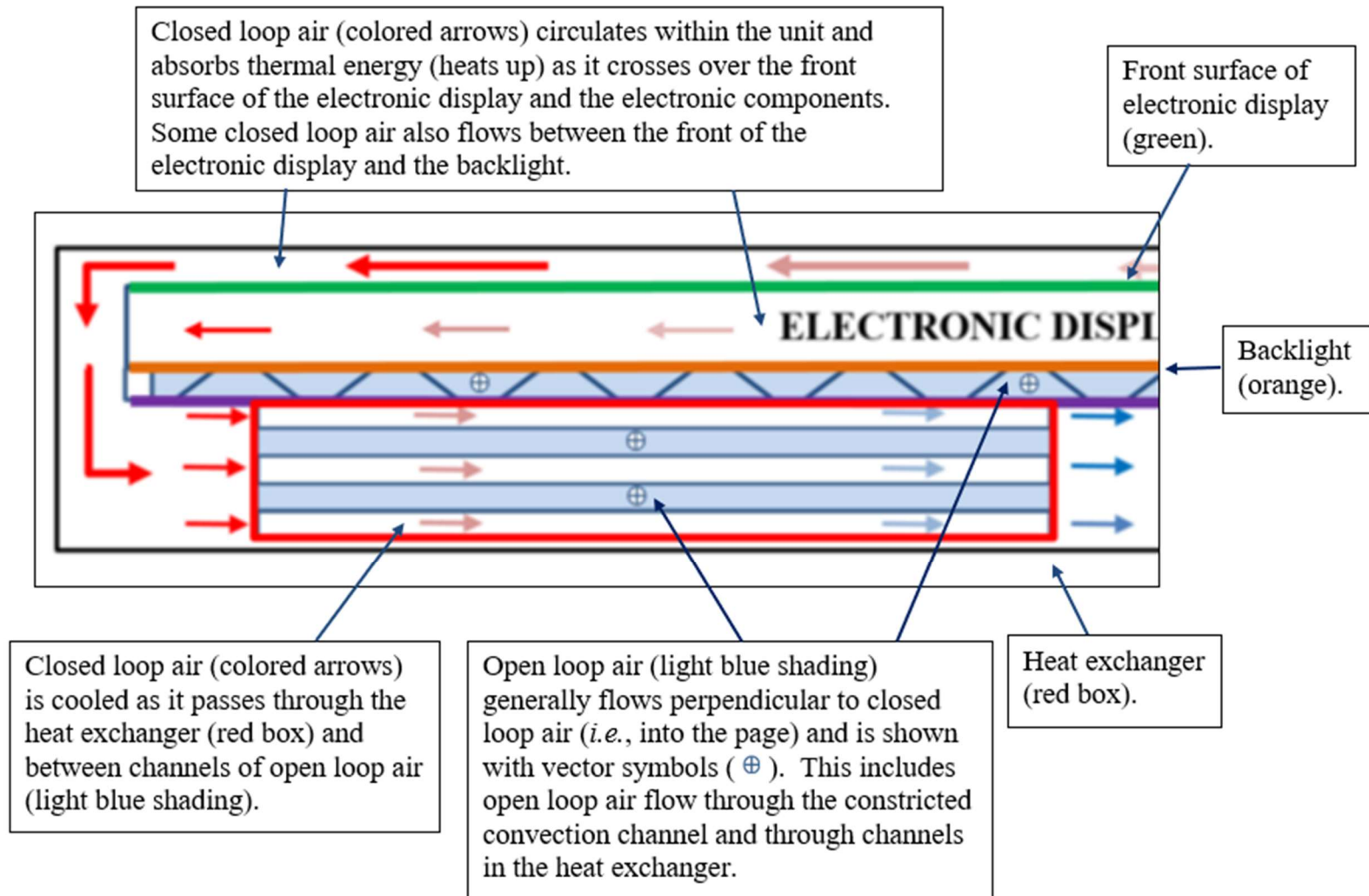
View from Top of Display:



Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

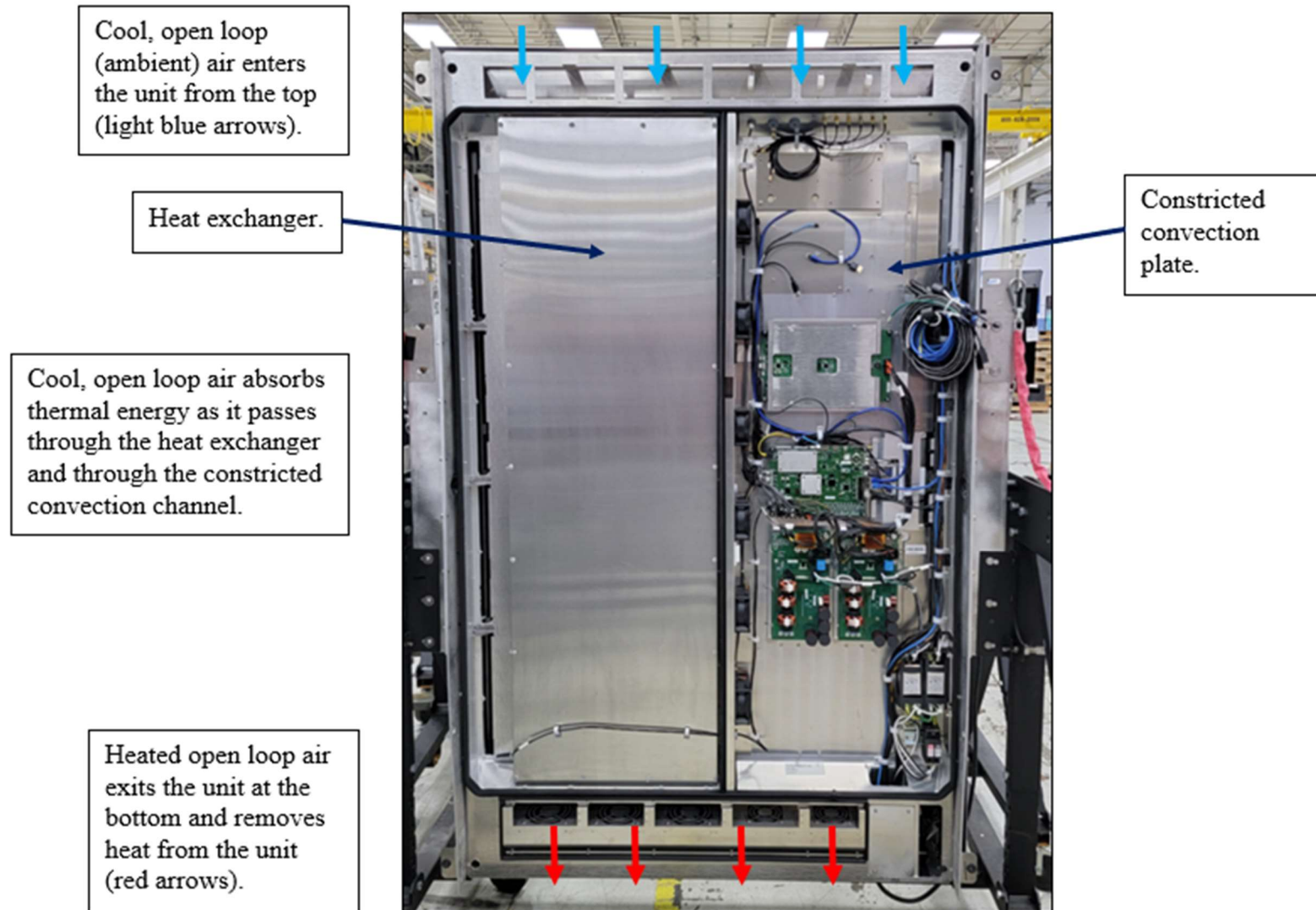
Schematic of Airflow within unit (2 of 2):

View from Top of Display:



Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

Interior view of MRI Large Format Displays:



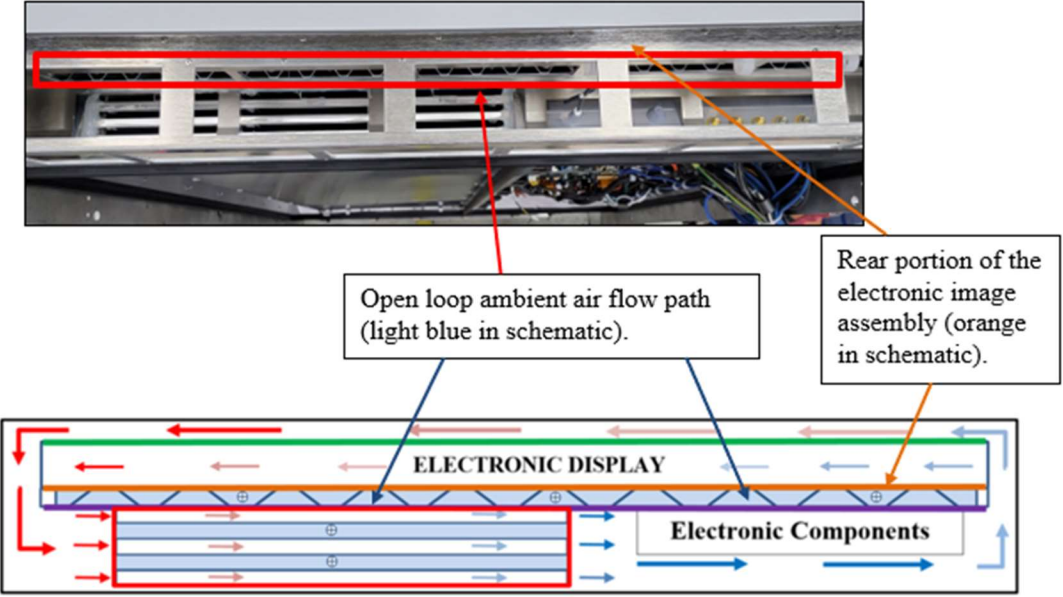
Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
1. An electronic display comprising:	MRI's large format outdoor displays comprise an electronic display. 

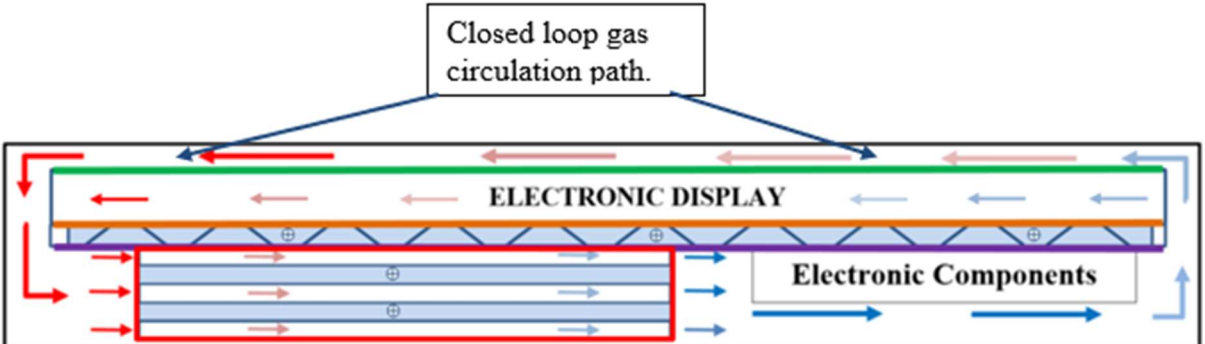
Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
[1a] an electronic image assembly having a front portion and a rear portion;	MRI's large format outdoor displays comprise an electronic image assembly having a front portion and a rear portion. The electronic displays are contained with an electronic image assembly with a front and rear portion, as shown below. 

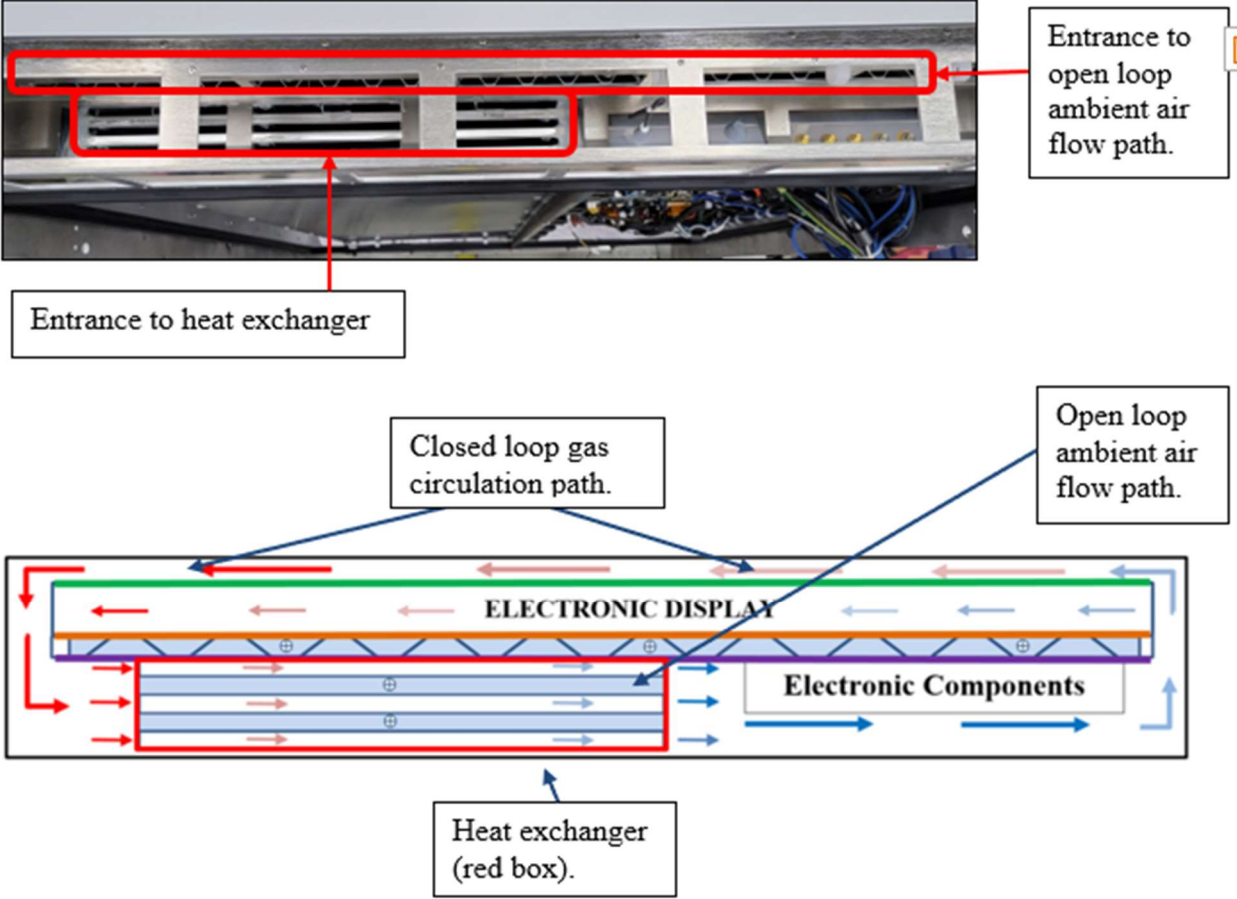
Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
[1b] an open loop ambient air flow path behind the rear portion of the electronic image assembly;	MRI's large format outdoor displays comprise an open loop ambient air flow path behind the rear portion of the electronic image assembly. The entrance to the open loop ambient air flow path is shown from the top and highlighted in blue in the schematic.  Open loop ambient air flow path (light blue in schematic). Rear portion of the electronic image assembly (orange in schematic). ELECTRONIC DISPLAY Electronic Components

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
[1c] a closed loop gas circulation path about the electronic image assembly;	MRI's large format outdoor displays comprise a closed loop gas circulation path about the electronic image assembly. The closed loop gas circulation path is highlighted with the arrows in the schematic below. 

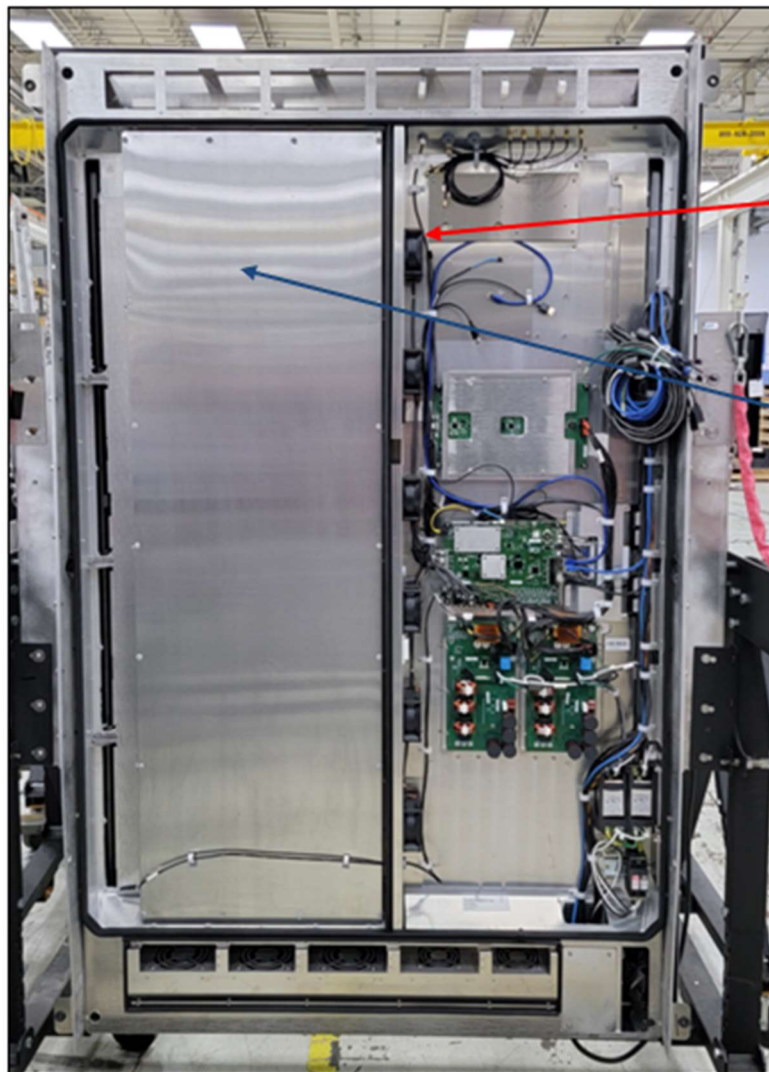
Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
[1d] a common heat exchanger located in the pathway of both the closed loop gas circulation path and the open loop ambient air flow path;	MRI's large format outdoor displays comprise a common heat exchanger located in the pathway of both the closed loop gas circulation path and the open loop ambient air flow path. The common heat exchanger is shown from above and highlighted in blue and white in the schematic below.  Entrance to open loop ambient air flow path. Entrance to heat exchanger Closed loop gas circulation path. Open loop ambient air flow path. ELECTRONIC DISPLAY Electronic Components Heat exchanger (red box).

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

[1e] a gas circulation device positioned to force circulating gas through the common heat exchanger; and

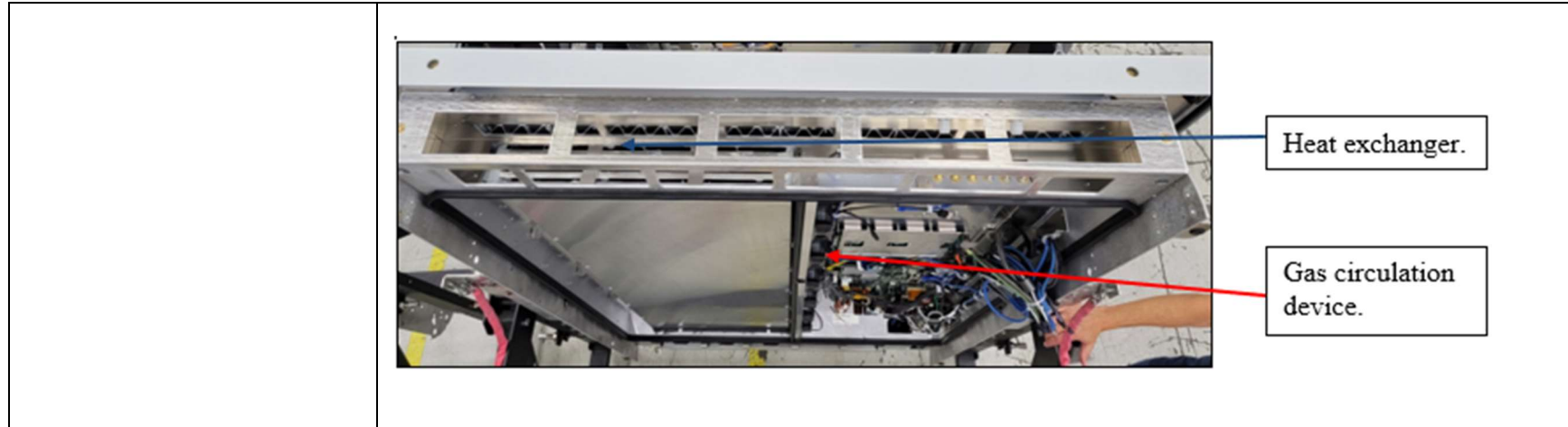
MRI's large format outdoor displays comprise a gas circulation device positioned to force circulating gas through the common heat exchanger.



Gas circulation device.

Heat exchanger.

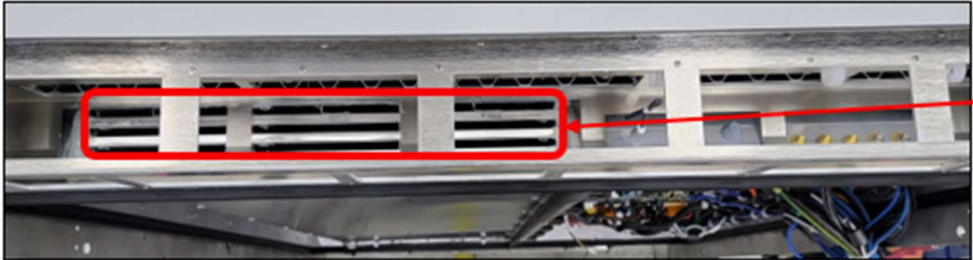
Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units



Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
	 Gas circulation device.

Ex. 37: Claim Chart for U.S. Patent No. 10,506,740
MRI 75" & 86" Units

'740 patent, claim:	Product: MRI Large Format Displays (75" & 86")
[1e] an air circulation device positioned to force ambient air through the common heat exchanger.	MRI's large format outdoor displays comprise an air circulation device positioned to force ambient air through the open loop ambient air flow path within the heat exchanger. Air circulation devices at the bottom of the unit draw air from outside if the unit in through the top of the unit and out through the bottom.  Entrance to open loop ambient air flow path.  Air circulation devices.