

FCC Class II Permissive Change Request Letter

Date: 9/25/2025

To FCC:

RE: FCC Permissive II Change Request for Company: Arovast Corporation FCC ID: 2ARBY-CORE-200S

We are submitting an application for a class II permissive change to the FCC approval of the Company name: Arovast Corporation, product description: Smart True HEPA Air Purifier (FCC ID: 2ARBY-CORE-200S, Original Grant Date: 06/26/2021). The transmitter module itself has not changed. Here are the changes:

1. Change the power board;
2. Change the product name to "Air Purifier".

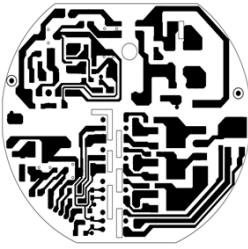
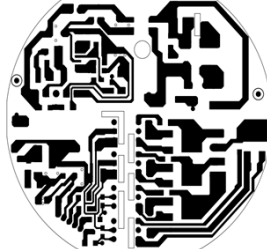
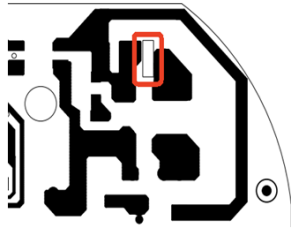
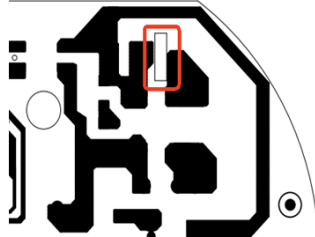
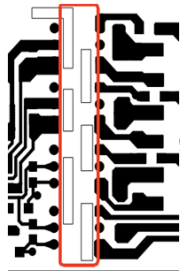
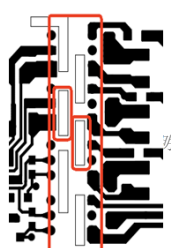
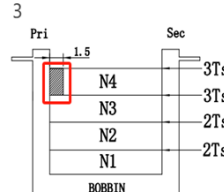
Sincerely,

Client's signature: 

Name: Wayne pan

Title: Senior Manager

Applicant Company: Arovast corporation

SN	Name	Change Description		Note																																																																																
		Before	After																																																																																	
1	PCB Layout																																																																																			
2	Slot change 1																																																																																			
		The bottom slot of the fuse is 5.2mm in length	The bottom slot of the fuse is 6.3mm in length																																																																																	
3	Slot change 2																																																																																			
		The width of the slot at the bottom of the optocoupler is 1.9mm and 1.6mm	The width of the bottom slot on the optocoupler has been adjusted from 1.6mm to 1.7mm; the length of the bottom slot on U2 and U3 has been increased by 0.6mm																																																																																	
5	Transformer Modification 1	2.绕组规格 WINDING SPECIFICATION: <table><tr><th>No.</th><th>线圈编号</th><th>匝数</th><th>线径</th><th>导线型号</th><th>圈数</th><th>股数</th><th>绕线方式</th></tr><tr><td>1</td><td>N1</td><td>2</td><td>1</td><td>200W 40.20*1P</td><td>100Ts</td><td>2Ts</td><td>密绕LL</td></tr><tr><td>2</td><td>N2</td><td>5</td><td>0</td><td>200W 40.18*1P</td><td>18Ts</td><td>2Ts</td><td>密绕LL</td></tr><tr><td></td><td>N2</td><td>4</td><td>5</td><td>200W 40.18*1P</td><td>18Ts</td><td>2Ts</td><td>密绕LL</td></tr><tr><td>3</td><td>N3</td><td>10</td><td>6</td><td>200W 40.15*1P</td><td>7Ts</td><td>3Ts</td><td>密绕LL</td></tr></table> Output wire diameter is $\phi 0.35*2$	No.	线圈编号	匝数	线径	导线型号	圈数	股数	绕线方式	1	N1	2	1	200W 40.20*1P	100Ts	2Ts	密绕LL	2	N2	5	0	200W 40.18*1P	18Ts	2Ts	密绕LL		N2	4	5	200W 40.18*1P	18Ts	2Ts	密绕LL	3	N3	10	6	200W 40.15*1P	7Ts	3Ts	密绕LL	2.绕组规格 WINDING SPECIFICATION: <table><tr><th>No.</th><th>线圈编号</th><th>匝数</th><th>线径</th><th>导线型号</th><th>圈数</th><th>股数</th><th>绕线方式</th></tr><tr><td>1</td><td>N1</td><td>2</td><td>1</td><td>200W 40.20*1P</td><td>100Ts</td><td>2Ts</td><td>密绕LL</td></tr><tr><td>2</td><td>N2</td><td>4</td><td>5</td><td>200W 40.18*1P</td><td>18Ts</td><td>2Ts</td><td>均绕LL</td></tr><tr><td>3</td><td>N3</td><td>5</td><td>0</td><td>200W 40.18*1P</td><td>18Ts</td><td>3Ts</td><td>均绕LL</td></tr><tr><td>4</td><td>N4</td><td>10</td><td>6</td><td>200W 40.25*1P</td><td>7Ts</td><td>3Ts</td><td>密绕LL</td></tr></table> The output wire diameter has been changed to $\phi 0.25*2$	No.	线圈编号	匝数	线径	导线型号	圈数	股数	绕线方式	1	N1	2	1	200W 40.20*1P	100Ts	2Ts	密绕LL	2	N2	4	5	200W 40.18*1P	18Ts	2Ts	均绕LL	3	N3	5	0	200W 40.18*1P	18Ts	3Ts	均绕LL	4	N4	10	6	200W 40.25*1P	7Ts	3Ts	密绕LL	
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6	Transformer Modification 2	/	3 	Add a 1.5mm barrier to the outer layer of the transformer																																																																																