

# ***Technical Service Bulletin No. 5***

***Created by: Lab.gruppen AB Service Department***

***Date: 080924***

***Reference no: FP+ Fans***

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## ***Affected models***

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Following models are affected by this technical service bulletin:

FP 10000Q

FP 13000

## ***Affected boards/modules***

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Fans.

## ***Symptom***

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In some FP 10000Q and FP 13000 there is a possibility that wrong fans have been mounted. The air flow of the wrong fans is not sufficient which affect the amplifier to not be able to deliver full power when driven hard since they will get into thermal protection. Cooling is not good enough if wrong fans are mounted.

## ***Solution***

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Always check when servicing the FP 10000Q and FP 13000 amplifiers that correct fans are mounted. If Nidec Beta fans are mounted those shall be exchanged to Sunon fans (F80x25-24HSC).

## ***Note***

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## ***Part numbers***

<b>Model</b>	<b>Part number to be ordered</b>
FP 10000Q	F80x25-24HSC
FP 13000	F80x25-24HSC

## ***Service repair report forms***

Write “Technical Service Bulletin no.5” in the service repair report form, column “Repair Remedy” besides other normal repair information.

## ***History***

<b>Date</b>	<b>Created By</b>	<b>Status</b>	<b>Bulletin no.</b>	<b>Comment</b>
080924	PB	OLD	5	
20140403	ALRIQ	SHARP	5	service repair report form information added