



MARMON
Foodservice
Technologies

A BERKSHIRE HATHAWAY COMPANY

TECHNICAL SERVICE BULLETIN

Product: Cornelius Viper

Subject: Condenser Fan PN 620071572

Date: 6/29/2021

Description of Potential Issue:

On a small percentage of Viper units, the fan blades can come loose from the motor shaft. This can potentially lead to damage to the fan blades or the condenser. This does not cause a safety risk.

Serial Number Range Affected:

62E2022VP001 through 74E2126VP047

Cause:

Improper fit between fan blades and motor shaft may cause this issue.

Observations:

1. The issue will be accompanied by excessive fan noise or system errors.
 - A. Issues / errors may include the following:
 - i. High Head Pressure
 - a. Damaged Condenser
 - b. CMP HI – PRESS
 - c. BRL REFRG
2. The issue should be immediately addressed when identified as it can worsen over time.
3. MFT condenser fan PN 629096902 is not affected by this issue.



Damaged Fan Blade



Damaged Condenser

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TSB1_2021_Viper www.cornelius.com



Corrective Action:

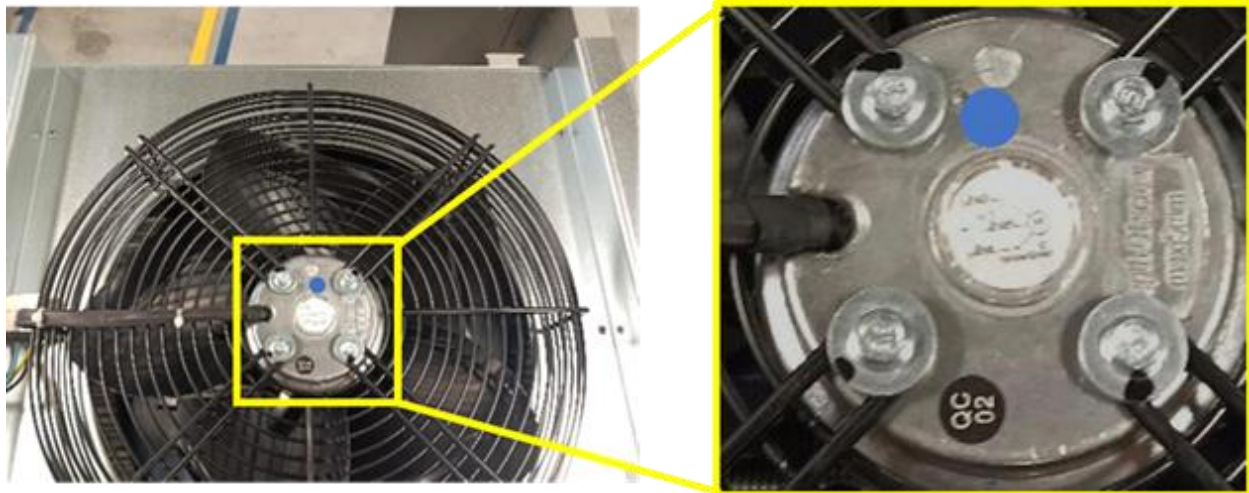
Replacement of the damaged fan. The replacement fan PN: 620071572 is unchanged. All new fans are marked with a blue dot indicating they have passed additional inspection. NOTE: If the condenser is damaged, replacement of the condenser is also required.

Additional Info

How to identify the Serial Number:

		MARMON FOODSERVICE TECHNOLOGIES, INC. GLENDALE HEIGHTS, IL 60139 USA		
PART NO.	MODEL NO.	SERIAL NO.		
62146XXXX	VIPER E 4	62XXXXVP000		
VOLTS	AMPS	HERTZ	REFRIG.	OZ / GMS
230	30	60	R4XXa	XXX
PRESSURES: HIGH SIDE: LOW SIDE: MAX CO2: 75PSIG (0.52 Mpa) MAX SYRUP: 75 PSIG (0.52. Mpa) MAX PRODUCT(H2O): 90 PSIG (0.62 Mpa) BEVERAGE COOLER AND DISPENSER SA2128				
MIN CIRCUIT AMPACITY 30				

Location of blue mark on fans:



Conclusion:

Fans should be inspected during technician visits for any issue (look for signs of damage, listen for loud, metallic sounds during operation).

MFT will work with service providers to ensure local replacement stock supports a quick response to fan issues.