



A DIVISION OF EMERSON ELECTRIC CO.



COPELAND CONFIDENTIAL

To: Mark Gilbreth – Director of Capstone Customer Service
From: Mark McCormick - Copeland Corporation
Date: November 16, 2001
Subject: DC Power Supply Reliability Issue

Sent Via e-mail

Dear Mark,

Recent Capstone-Copeland testing of our DC powered fuel gas booster (Copeland Model SZN22C1A-BBX-201) has revealed a potential reliability issue with the **DC-DC power supply** (760VDC-24VDC) used in our system. This model of fuel gas booster is used with the Capstone Model 60 microturbine. The DC-DC power supply, supplied to Copeland by Capstone, requires additional cooling beyond that currently supplied. We have jointly worked with Capstone to develop a service kit that provides proper cooling.

Approximately 81 fuel gas boosters are affected and require the installation of this service kit. All units affected were shipped to distributors from Capstone directly, approximately during the months of June-Sep of 2001. *Note that some Copeland fuel gas boosters had this service kit installed at Capstone prior to shipment to the distributor.* Attached is a list of serial numbers for the systems affected. Should any distributor have a system with one of these serial numbers, *that does not have the kit already installed*, they need to contact Copeland directly (800-996-4660). Copeland has these service kits available for immediate shipment, at no charge to the distributor.

NOTE: Failure to install the DC-DC power supply fan may significantly reduce power supply life, possibly leading to power supply failure and will void the system warranty.

We look forward to addressing this field issue in the coming weeks. Please give this matter immediate attention. I can be reached at 937-493-2844 for further questions.

Sincerely,

Mark McCormick
Business Manager
Copeland Specialty Scroll Division

800.996.4660

FAX 937.493.2447

1675 W. Campbell Rd.

Sidney, Ohio 45365

www.copeland-corp.com



**Copeland Fuel Gas Boosters (Model SZN22C1A-BBX-201)
Requiring DC-DC Power Supply Fan Installation**

**NOTE: POWER SUPPLY COOLING FAN SERVICE KIT MAY HAVE BEEN INSTALLED
AT CAPSTONE PRIOR TO SHIPMENT TO END USER. PLEASE CHECK
INSIDE SYSTEM ELECTRONICS ENCLOSURE TO VERIFY**

Listed by Serial Number (*located on nameplate at rear of system*)

01DA0252	01FA0500
01EA0312	01GA0602
01DA0260	01GA0603
01EA0313	01GA0604
01EA0292	01GA0629
01FA0473	01GA0630
01FA0474	01GA0631
01FA0476	01GA0632
01DA0261	01GA0633
01EA0315	01GA0634
01FA0475	01GA0635
01FA0482	01GA0636
01FA0478	01GA0637
01FA0479	01GA0638
01FA0480	0AGA0639
01FA0477	01HA0671
01FA0481	01HA0672
01FA0483	01HA0673
01FA0484	01HA0675
01FA0485	01HA0676
01FA0486	01HA0677
01FA0487	01HA0678
01FA0488	01HA0679
01FA0489	01HA0680
01FA0490	01HA0681
01FA0492	01HA0683
01FA0494	01A567694R
01FA0495	01HA0682
01FA0496	01HA0684
01FA0497	01HA0710
01FA0504	01HA0712
01FA0491	01HA0714
01FA0498	01HA0715
01FA0499	01HA0716
01FA0501	01HA0717
01FA0502	01HA0718
01FA0503	01HA0720
01GA0592	01HA0721
01GA0593	01HA0723
01GA0601	01HA0724
	01HA0725

