



Unitary Products Group  
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Norman, OK 73069  
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## SERVICE INFORMATION

**DATE:** April 24, 2007

**YS-021-07**

**TO:** All Coleman Distributors  
All Field Service Supervisors

**SUBJECT:** Possible Wrong Restrictor Plate Hole Size On 80% Tubular Furnaces  
Manufactured From Oct 2006 to Mar 2007

There was a process change in the fabrication of restrictor plates for 80% tubular furnaces starting in October 2006. As a result there is a small chance that some furnaces were assembled with the wrong size restrictor plate vent hole. We have two confirmed cases to date. Actual number of defective units is expected to be very low. The effect of an undersized vent hole would be the same as a restricted vent; pressure switch not making or nuisance tripping. The possibility also exists for main limit or rollout nuisance tripping on long run cycles.

To insure we do not have any further problems, we have implemented an electronic vision quality check. This was implemented on all production lines in March 2007.

After completing all of the usual operational checks for proper vent pipe application and installation including temperature rise, static and manifold pressures, check furnaces with the model numbers listed below that were made during suspect dates experiencing these problems for the correct restrictor plate hole size.

To verify the restrictor plate hole size, remove the draft inducer motor and measure the hole in restrictor plate behind it.

Replace the plate if incorrect hole size is found.



On any service calls for pressure switch not making or nuisance tripping, limit and/or rollout nuisance tripping on 80% Tubular Furnaces within Serial Number Range W0L6 (Oct 2006) to W0C7 (Mar 2007) with a nuisance limit or roll out tripping problem. York will provide one-hour labor allowance per unit for inspection to verify the hole size and another hour to replace wrong restrictor plate with correct one if needed.

This is a fix on fail only of already installed equipment. File standard warranty claims and reference this service letter.

We apologize for any inconvenience this may have caused.

*Ron Butcher*

*Robert Cabrera*

Ron Butcher  
Field Service Supervisor

Robert Cabrera  
Director of Heating Engineering

Group #	Cabinet Width	MBTU	# Stages	UH or DH	Blower	Restrictor Hole Size	Restrictor Plate Source 1 Part#
3A	A	060	1	All	12	1.438	S1-07323821011
3B	A	060	2/V	DH	12	1.438	S1-07323821011
4	A	060	2/V	UH	12	1.563	S1-07323821002
6	A	080	2/V	DH	12	1.719	S1-07323821020
7	A	080	2/V	UH	12	1.843	S1-07323821003
9	B	080	2/V	DH	16	1.719	S1-07323821001
10	B	080	2/V	UH	16	1.843	S1-07323821004
12	B	100	2/V	All	12/16	2.093	S1-07323821005
14	C	080	2/V	All	16	1.719	S1-07323821008
16	C	100	2/V	All	16/20	2.093	S1-07323821006
18	C	115	1	All	16/20	1.843	S1-07323821018
19	C	120	2/V	All	16/20	2.563	S1-07323821009
21	E	130/160	1	UH	30	2.563	S1-07317490256

Coleman Models - List Of Suspect Units Serial # W0L6 (Oct 06) To W0C7 (Mar 07)							
Group #	Cabinet Width	MBTU	# Stages	UH or DH	Blower	Hole Size	Restrictor Plate Source 1 Part#
3A	A	60	1	All	12	1.438	S1-07323821011
Model	FC8S060A12DH11 FC8S060A12UH11	LC8S060A12DH11 LC8S060A12UH11 LF8060A12UH11		LM8S060A12DH11 LM8S060A12UH11		GM8S060A12DH11 GM8S060A12UH11 GR8S060A12UH11	
3B	A	060	2/V	DH	12	1.438	S1-07323821011
Model	FC8T060A12DH11 FC8V060A12DH11	LC8T060A12DH11 LC8V060A12DH11		LM8T060A12DH11 LM8V060A12DH11		GM8T060A12DH11 GM8V060A12DH11	
4	A	060	2/V	UH	12	1.563	S1-07323821002
Model	FC8T060A12UH11 FC8V060A12UH11	LC8T060A12UH11 LC8V060A12UH11		LM8T060A12UH11 LM8V060A12UH11		GM8T060A12UH11 GM8V060A12UH11	
6	A	080	2	DH	12	1.719	S1-07323821020
Model	FC8T080A12DH11	LC8T080A12DH11		LM8T080A12DH11		GM8T080A12DH11	
7	A	080	2/V	UH	12	1.843	S1-07323821003
Model	FC8T080A12UH11 FC8V080A12UH11	LC8T080A12UH11 LC8V080A12UH12		LM8T080A12UH11 LM8V080A12UH12		GM8T080A12UH11 GM8V080A12UH11	

Group #	Cabinet Width	MBTU	# Stages	UH or DH	Blower	Hole Size	Restrictor Plate Source 1 Part#
9	B	080	2/V	DH	16	1.719	S1-07323821001
Model	FC8T080B16DH11 FC8V080B16DH11	LC8T080B16DH11 LC8V080B16DH11		LM8T080B16DH11 LM8V080B16DH11		GM8T080B16DH11 GM8V080B16DH11	
10	B	080	2/V	UH	16	1.843	S1-07323821004
Model	FC8T080B16UH11 FC8V080B16UH11	LC8T080B16UH11		LM8T080B16UH11		GM8T080B16UH11 GM8V080B16UH11	
12	B	100	2/V	All	12/16	2.093	S1-07323821005
Model	FC8T100B12DH11 FC8T100B12UH11 FC8V100B16UH11	LC8T100B12DH11 LC8V100B16UH12		LM8T100B12DH11 LM8V100B16UH12		GM8T100B12DH11 GM8T100B12UH11 GM8V100B16UH11	
14	C	080	2/V	All	16	1.719	S1-07323821008
Model	FC8T080C16DH11 FC8T080C16UH11 FC8V080C16DH11 FC8V080C16UH11	LC8T080C16DH11 LC8T080C16UH11 LC8V080C16DH11		LM8T080C16DH11 LM8T080C16UH11 LM8V080C16DH11		GM8T080C16DH11 GM8T080C16UH11 GM8V080C16DH11 GM8V080C16UH11	
16	C	100	2/V	All	16/20	2.093	S1-07323821006
Model	FC8T100C16DH11 FC8T100C20UH11 FC8V100C16DH11 FC8V100C16UH11 FC8V100C20DH11 FC8V100C20UH11	LC8T100C16DH11 LC8T100C20UH11 LC8V100C16DH11 LC8V100C16UH11 LC8V100C20DH11 LC8V100C20UH12		LM8T100C16DH11 LM8T100C20UH11 LM8V100C16DH11 LM8V100C16UH11 LM8V100C20DH11 LM8V100C20UH12		GM8T100C16DH11 GM8T100C16UH11 GM8T100C20UH11 GM8V100C16DH11 GM8V100C16UH11 GM8V100C20DH11 GM8V100C20UH11	
18	C	115	1	All	16/20	1.843	S1-07323821018
Model	FC8S115C16DH11 FC8S115C20DH11 FC8S115C20UH11	LC8S115C16DH11 LC8S115C20DH11 LC8S115C20UH11		LM8S115C16DH11 LM8S115C20DH11 LM8S115C20UH11		GM8S115C16DH11 GM8S115C20DH11 GM8S115C20UH11	
19	C	120	2/V	All	16/20	2.563	S1-07323821009
Model	FC8T120C16UH11 FC8T120C20DH11 FC8T120C20UH11 FC8V120C20DH11 FC8V120C20UH11	LC8T120C20DH11 LC8T120C20UH11 LC8V120C20DH11 LC8V120C20UH12		LM8T120C20DH11 LM8T120C20UH11 LM8V120C20DH11 LM8V120C20UH12		GM8T120C16UH11 GM8T120C20DH11 GM8T120C20UH11 GM8V120C20DH11 GM8V120C20UH11	
21	E	130/160	1	UH	30	2.563	S1-07317490256
Model	GY8S160E30UH21						