



**TECHNICAL SERVICE
BULLETIN**

PARTS & SERVICE DEPARTMENT

300 Maddox Simpson Pkwy
Lebanon, Tennessee 37090
615-889-8900 Fax: 615-547-1003
www.Lochinvar.com

Date: 4/11/05

Bulletin Number: 2005-10T

TO: Manufacturers' Representatives, District Sales Managers, Regional Managers, Technical & Customer Service Personnel, Service Agents and Sales & Marketing Personnel, UK Personnel

SUBJECT: Air Pressure Differential Settings on all New Lochinvar Units

In response to inquiries regarding air pressure differential settings on all new Lochinvar units, the following shows information addressing these requests.

Should you have any questions, please contact Technical Service at 800-722-2101.

Copper Fin & IE

CB/CW (495-745).....1.2-1.35" w.c.
CB/CW (986-2066).....1.1-1.3" w.c. for all installations up to 2000 feet.

Copper Fin II & IIE

CF/CH (401-751).....1.5-1.65" w.c.
CF/CH (991-2071).....1.1-1.3" w.c. for all installations up to 2000 feet.

Efficiency Plus

EB/EW (150, & 200).....1.4-1.8" w.c.
EB/EW (250 & 300).....1.5-1.9" w.c.

Energy Rite ER (151-401)

1.65-1.80" w.c. for installations between 0 – 4000 feet.
1.4-1.6" w.c. for installations between 4000 – 8000 feet.
1.2-1.4" w.c. for installations between 8000 – 12,000 feet.

Power Fin 501-1300

The air pressure differential generated by the fan for all single firing (F9) units will be as follows:

<u>Model</u>	<u>Natural</u>	<u>L.P.</u>
501	8.2"w.c.	8.6"w.c.
751	6.6"w.c.	7.4"w.c.
1001	4.0"w.c.	4.4"w.c.
1300	1.2"w.c.	1.2"w.c.

The air pressure differential generated by the fan for all modulating operation (M9) units will be as follows:

<u>Model</u>	<u>Firing Rate</u>	<u>Natural</u>	<u>L.P.</u>
501	100%	3.5" w.c.	3.2" w.c.
"	25%	0.3" w.c.	0.3" w.c.
751	100%	5.5" w.c.	5.3" w.c.
"	25%	0.2" w.c.	0.5" w.c.
1001	100%	1.8" w.c.	1.5" w.c.
"	25%	0.2" w.c.	0.2" w.c.
1300	100%	0.6" w.c.	0.5" w.c.
"	25%	0.1" w.c.	0.1" w.c.

Power Fin (Extended) 1500-2000

The differential air pressure should be 3.5" w.c. (+/- 0.1" w.c.) when the burner is firing at *100% of rated input*.

Intelli Fin 1500-2000

The differential air pressure should be 3.5" w.c. (+/- 0.1" w.c.) when the burner is firing at *100% of rated input*.