**LEGEND**

BS = BOTH SIDES  
RS = RIGHT SIDE  
LS = LEFT SIDE

**LEGEND CONNECTIONS**

A = 3" SUPPLY  
B = 1-1/4" RETURN  
C = 3" x 4" HANDBOKE  
D = 1" WATER COLUMN  
E = 3/4" AQUASTAT  
F = 1-1/2" BOTTOM BLOWDOWN  
G = 1-1/2" SURFACE BLOWOFF  
H = 2" AUXILIARY CONNECTION  
J = 2" SAFETY VALVE  
K = 12" x 16" MANHOLE  
L = 12" NOMINAL FLUE DIAMETER

**RATINGS AND DATA**

Shell Diameter: 54"  
Gross Output: BHP: 80  
Gross Output: MSH: 3013  
Gross Output: Lbs/hr: 3105  
Net Rating: BHP: 2345  
Net Rating: sq. ft.: 9746  
Safety Valve: Lbs/hr: 3515

Heating Surface: sq. ft.  
Fireside: 450  
Firetubes: 106  
Diameter: 2" O.D.

Firing Rate:  
1000 BTU Gas (MBH) = 3765  
140000 BTU/Gal Oil (GPH) = 25.9  
150000 BTU/Gal Oil (GPH) = 24.2

Water Content:  
Pounds: 463.7  
Gallons (U.S.): 557  
Approximate Weight/Lbs: 739  
Dry: 739  
Wet: 11975

**MODEL LN3P-90**  
90 BHP  
POWERFLAME LNIC3  
150 PSI STEAM

NOTES:
1. FOR REDUCING FITTING MAY BE REQUIRED BASED ON SIZE INLET SIZE ON BURNER.

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