

# 9X14D18 Magnet Parameters

May 1, 2000

Magnetic Field Parameters @ 460 Amps:

$B = 1.5 \text{ kG}$

Integral Field = 37.2 kG-inch

Effective length = 24.8 inch

Gap = 9.055"

Resistance =  $\sim .024 \Omega$

Maximum Current @ 40° F  $\Delta T = \sim 750$

Voltage @ 460 Amps =  $\sim 11$  Volts

Flow @ 125 PSI  $\Delta P = \sim 2.5$  GPM

2 Water Paths

Weight =  $\sim 1300$  LBS