

Project Specifications: Broiler Barn  
Location: Southern Ontario  
Size: 85 x 160 ( 13,600 sq. ft. )  
Installed: Spring of 1994  
BTUH Load: 260,000  
Pipe Size: 5/8" Nom. Pex C  
Spacing: 9" on Center  
Slab Thickness: 4"  
Ground Insulation: 1" under slab



This project really begins to show the versatility of the HeatLink<sup>®</sup> Floor Heating System. This chicken broiler barn was constructed like any other, with one exception. Instead of using conventional electric brood lamps to warm the chicks, the owner decided to have a HeatLink<sup>®</sup> floor heating system installed.

When asked why he chose this type of system, the owner explained that one of the problems with raising chicks the conventional way, was the survival rate of the chicks. With electric brood lamps hanging from the ceiling and their limited coverage area, the chicks on the outer fringes will jump on one another to get closer to the lamp, causing the chicks on the inside bottom of the pile to literally suffocate. With an industry average fatality rate of greater than 4% and 14,000 chicks grown per cycle, this grower was looking for ways to lessen that fatality rate and add profit to his bottom line. Using a HeatLink<sup>®</sup> floor heating system improved his average loss per cycle to less than 2%. As a side benefit, the birds which are eventually delivered to be processed are of better quality, allowing for a higher grading and subsequently higher returns per bird.



Finally, adding to all these benefits is the overriding factor of the large energy savings that are realized by using a very high efficient radiant floor heating system. This is accomplished by providing all the heat exactly where it is needed - at the ground level which is exactly where the birds are located. Temperatures at the ceiling are allowed to fall significantly, greatly improving overall energy costs.

With impressive numbers like this it's easy to see why more and more growers are showing an interest in this type of a system, even though there are higher initial costs required!

**Heat Link Canada**

Manufactured & Distributed by HeatLink Group Inc.  
**Head Office:**  
4003E - 13th Street NE  
Calgary, AB, T2E 6M3  
Toll Free: 1-800-661-5332 Phone: (403) 250-3432  
Fax: 1-866-450-1155  
**Mississauga Office:**  
1555 Bonhill Road, Unit #7  
Mississauga, ON, L5T 1Y5  
Toll Free: 1-800-661-5332 Phone: (905) 795-8289  
Fax: 1-866-450-1155

**Heat Link China**

Distributed by Cathy-Links International  
Phone: 852-25693213  
Fax: 852-25359271

**Heat Link Ireland**

Distributed by Jamoni Ltd.  
Phone: 057 - 932 4062  
Fax: 057 - 932 4063  
Free Phone: 1800-311338

**Heat Link Mexico**

Distributed by Distributora Caisa S.A. de C.V.  
Phone: (52) 3300-4400  
Fax: (52) 3300-4406

**Heat Link USA**

Distributed by HeatLink Group Inc.  
Toll Free: 1-800-661-5332  
Fax: 1-800-869-6098

www.heatlinkgroup.com