

FlexADAPT™

Refrigerant Piping Flexible Line Connectors



·CASE STUDY·

CHALLENGE:

How to install a refrigerant line-set up to, under and through a very tight residential roof eave into the attic.

PREMISE:

It became apparent to the installing crew on this project... a 3 ton retrofit of a horizontal attic coil and a condenser... that after multiple attempts to install a 3/4" refrigerant line-set up the exterior house wall and trying to get it under and through the eave block that it was not going to happen like they usually would do it. The eave angle was short and tight... kinking the line-set had already happened and there was no easy way to build a scaffold or get a ladder up that high: the angle due to adjacent fencing was too steep and dangerous.

SOLUTION:

FlexADAPT offered a solution to a near impossible installation challenge. Pre-brazing the 44" long, 3/4" X 3/8" FlexADAPT set onto the standard line-set and then pre-insulating was simple, fast and it allowed the crew to rope-pull the FlexADAPT end of the line-set up, into and through the eave-block hole and place it into position in the attic near the evaporator coil for easy connection.

RESULT:

The crew foreman estimated that by using FlexADAPT, he saved more than \$500 in specialized scaffold rental cost and over 2 man-days in labor overruns - approximately \$800 in addition to missing the targeted completion date. *The company saved over \$1300 by using FlexADAPT.*

FlexADAPT saved the company money, prevented completion delay and saved the crew from needless hazardous work and safety concerns overall.