

Technological advances make electric heat pumps better

An electric heat pump is a single appliance that can heat your home in the winter, and then cool it in the summertime. Buying one appliance to do the job of a furnace and an air conditioner can save you money, according to the Edison Electric Institute, the national association of electric companies.

Electric heat pumps can do both tasks because they exchange heat instead of creating it. Like furnaces must do. That makes heat pumps more energy efficient because it takes less energy to transfer heat from inside to

outside, or vice versa, than it does to create it. This fact can help you lower your monthly electric bills.

Many technological advances are making the electric heat pump more energy efficient. In becoming more efficient, heat pumps return benefits to you that go beyond lower energy bills—greater comfort, quiet, and healthier indoor air quality.

- Electronic, variable-speed drives use a compressor that continually adjust their speed to match the desired heating or cooling demand, pushing the standard energy-efficiency ratings up 30 to 40 percent.
- Scroll compressors have only two moving parts, giving them a 15 percent improvement in overall operating efficiency, quieter operation, and a longer life.
- Integrated heat pumps supply hot water as a free by-product of air conditioning. At other times, the heat pump heats the water directly for the most energy-efficient method of water heating.
- In northern climates, two types of

need for electric resistance back-up heat:

- Dual-fuel heat pumps can use both natural gas and electricity. The heat pump uses the most economical fuel, depending on the outdoor air temperature.
- Add-on electric heat pumps add

on to an existing furnace. As with the dual-fuel heat pump, the fossil fuel burns on only the coldest nights of the year.

For more information about high-efficiency electric heat pumps, call your electric company's residential marketing department.

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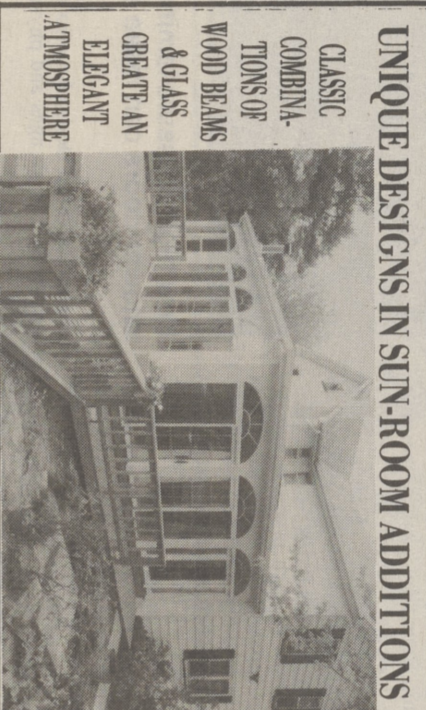
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Showroom has display of unique, dramatic lighting

One of only 12 unique Illumination Concept Centers in the United States opened in October of 1995, at C. B. Scott in Scranton. In the intervening months, hundreds of architects, builders, interior designers, electrical contractors, and home owners have visited the Center to observe what is described as a new way to demonstrate the dramatic design possibilities of lighting.

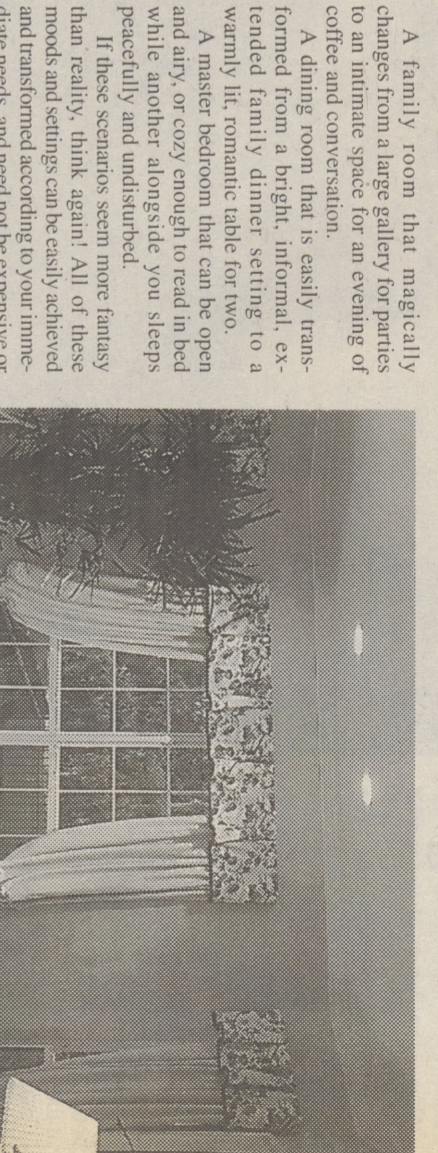
The custom-designed Center is housed in a separate 18-foot by 24-foot room as an integral part of C. B. Scott's Showrooms of Quality. It is filled with more than 200 different lighting fixtures to demonstrate a range of effects attainable with track and recessed lighting for residential as well as commercial installations. The displays include a vignette depicting various lighting combinations for use by retailers in dramatizing and merchandising their various products.

Visitors have the opportunity to experience lighting principles and techniques firsthand, as they function in actual interior settings. Professionals can also learn about the latest lighting technologies while familiarizing themselves with the complete range of Illumination Concept's available lighting products ranging from general illumination to accent lighting, and all products are designed to maintain energy efficiency.

Many of those who have visited the Concept Center express appreciation for the opportunity to see demonstrations of actual lighting effects intended for many of the most popular areas of the home. Thus, they can experience in advance the lighting effects in the living room, dining room, kitchen or bath; lighting of high light paintings and sculptures; and for other special effects.

Interested persons are invited to arrange for personal tours of the Center at C. B. Scott, 400 South Washington Avenue in Scranton, by calling Katie Noidy, showroom manager, or Brian Jones, lighting specialist, at 342-8221 or 1-800-982-4381. Showroom hours are 8 a.m. to 6 p.m. daily, til 8 p.m. on Thursdays, 5 p.m. on Fridays, and 12:30 p.m. on Saturdays.

Downlights offer new styles



A family room that magically changes from a large gallery for parties to an intimate space for an evening of coffee and conversation.

A dining room that is easily transformed from a bright, informal, extended family dinner setting to a warmly lit, romantic table for two.

A master bedroom that can be open and airy, or cozy enough to read in bed while another, alongside you sleeps peacefully and undisturbed.

If these scenarios seem more fantasy than reality, think again! All of these moods and settings can be easily achieved and transformed according to your immediate needs, and need not be expensive or difficult to accomplish. According to lighting designers at Halo Lighting, it's a matter of having the right lighting fixtures to allow yourself to create the magic.

Lighting alone has the ability to create new environments with as little as the flick of a switch. Unlike furniture, carpeting, wall paper, or window treatments, lighting can easily be turned on or off, dimmed, and even mixed with other lighting sources in order to change the mood.

And when you feel it may be time to change the furniture or wall paper, consider changing the lighting fixtures, or even just changing their trims. It's easier and less costly, and can be just as dramatic a move in changing the personality of your room. And even then, it can still be flexible to meet your immediate needs.

Modern downlights can accurately light selected areas, and be adjusted for different room settings.

downlight, making it easier to navigate the house when you come home late at night. And subtly lit rooms whose windows face the street may give the impression that you're home, discouraging would-be intruders. On the bright side of looking in from the outside, neighbors, friends or others will see your house alive with the clean, even light produced by the recessed downlights.

With lighting control, no room in the house needs to exist for a single purpose. Control of a lighting system can be as simple as separate switches for different groups of lights in a room, and/or it can mean dimmers for the greatest level of continuous adjustability.

Rules To Light By, Points of Light

When creating your ceiling lighting plan, fixture positioning is important, as once a recessed fixture is installed, it is not practical to reposition it. There are a few general interior lighting design rules to follow:

- 1) The closer a fixture is to a wall, the more texture it will reveal.
- 2) As the fixture is pulled away from the wall, it will tend to wash out surface detail, providing a more uniform appearance.

Another concept to keep in mind is that "light creates space." In other words, a dark room seems small and void of character, but an area lit with key light or highlights, and ambient or fill light for the rest of the room, can create an intimate, cozy or private feeling within the existence of a much larger space.

The "light creates space" concept holds value for reference points, attracting eyes to the clock at the end of the hallway lit with a recessed eyeball

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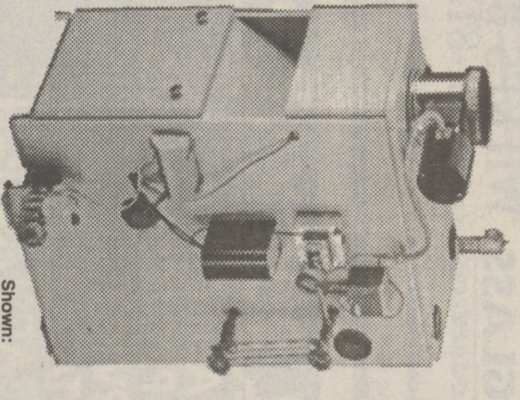


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