

Press Release

For Immediate Dissemination

ACME Tele Power Limited wins the coveted ACREX Award of Excellence 2011 “Green Product” category



Proud moment for ACME – Winning the award at ACREX 2011, New Delhi

New Delhi, March 1, 2011: ACME Tele Power Ltd exhibited M50 (Compressor-less Green Air Conditioner) and H80 (Green Hybrid Air Conditioner) at ACREX 2011 Exhibition which was held at Pragati Maidan, New Delhi between February 24th - 26th, 2011. ACME won the coveted ACREX Award of Excellence 2011 in the Green product category

“This is a great honour for ACME. ACME is an innovative energy management company and this award recognizes our commitment to innovation (one of our core values) and to our vision of being the global benchmark in green energy solutions”, said **Mr. Sandeep Sethi, CEO ACME Tele Power Limited**

“ It was an honor receiving this award and being recognized by the industry’s apex technical body. This recognition validates our Vision of ‘Being the global benchmark for green energy solutions’ and will encourage us to work harder towards our mission of ‘ Making the green approach profitable.’.” **said Mr. Rattan Kumar, Vice President Built Environment Business Unit**

The core technology of the M50 Green Compressor-less air-conditioner & H-80 Hybrid air-conditioner is Coolerado’s **patented Heat and Mass Exchanger™ (HMX)** which works on a patented thermodynamic cycle called the **Maisotsenko Cycle (M - Cycle)** named after Dr. Valeriy Maisotsenko - the chief scientist of Coolerado Corporation. The advantage of the Maisotsenko Cycle is that the working air is purged repeatedly so that the initial conditions are essentially reset, as lower dry-bulb and wet-bulb temperatures are established with each purge cycle. This allows the eventual supply air temperature to be below what the original initial conditions would indicate possible—*below the thermodynamic wet bulb temperature.*

M50: Green Compressor-less Air Conditioner



- Extremely energy efficient - having an EER of 40+ and COP value of 12 +
- Eco-friendly (no chemical refrigerants used)
- Provides 100% fresh, filtered, and cool air to the conditioned space
- Significantly improves Indoor Air Quality (IAQ)
- No addition of humidity
- Zero side clearance, modular unit configuration
- Compatible with BMS, EMS
- Easy maintenance

H80 Hybrid Air Conditioner: Optimized green cooling solution for human thermal comfort round the year!



- Extremely energy efficient - having an EER of 21+ and COP value of 6 to 15
- Environmentally friendly refrigerant R410A
- Provides more fresh air for better Indoor Air Quality (IAQ)
- Compatible with BMS, EMS
- Easy maintenance

ACREX is the largest HVAC & R exhibition held in South-East Asia under the patronage of **ISHRAE (Indian Society for Heating Refrigeration & Air-conditioning Engineers)**, – an affiliate society of **ASHRAE**. This is an annual HVAC & R event (which is now extending its horizon with the addition of fire & safety and other related



/ allied industries) and is - attended by the leading industry players and industry experts from India and abroad, end-users and a large number of suppliers.

About ACME Group

ACME is a leading service provider of innovative and green infrastructure solutions for global telecommunications, alternate energy, defence, and the built environment. ACME has now entered the “Green Air Conditioning” space providing green air conditioning solutions for the residential and commercial spaces. To fulfil its global customers’ energy management needs, ACME provides energy management solutions through its state-of-the-art GEMC (Global Energy Management Centre). ACME prides itself as a trailblazer in the development of green technologies, i.e. solutions that fulfill societal needs by being energy efficient, cost effective and capable of delivering a quick return on investment, without impacting the environment adversely. The ACME Group had its inception in 2003 with ACME Tele Power Limited through the vision of its founder, Mr. Manoj Kumar Upadhyay, who dreamt of providing radically new technology solutions, rather than making incremental changes to existing technologies through a fierce commitment to Research & Development and a passion to preserve the environment by energy conservation.

ACME & Coolerado

ACME in technical collaboration with Coolerado Corporation, USA (www.coolerado.com) offers a range of green air-conditioning solutions for various indoor cooling applications for commercial and industrial spaces. Coolerado Corporation is the manufacturer of the most efficient air-conditioners, a fact recognized by none other than DOE (Dept. Of Energy) USA and NREL (National Renewable Energy Laboratory) USA and now reinforced by ISHRAE’s ACREX Award of Excellence 2011.

For more information on our green air conditioning products, please contact –

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