

PRESS RELEASE

THE CONVERSION OF AIRCONDITIONING EQUIPMENT
AT THE SAMAYA SEMINYAK

Bali, 20th of September 2015

The Samaya Seminyak decided to convert existing air conditioning equipment in all villas and offices to operate on hydrocarbon refrigerant. Hydrocarbon Refrigerants are non-ozone depleting and have an extremely low global warming potential (GWP) of less than 3. It offers many advantages such as environmental benefits, improved compressor life & the energy savings achieved over the more commonly used chemical refrigerants such as HFC's and HCFC's.

Hydrocarbon Refrigerants have ZERO ODP, and absolute minimum GWP which is generally < 1 year, unlike some chemical refrigerants that have an atmospheric lifetime of > 15 years. It also has smaller molecular size which makes the actual surface area is increased by as much as 50% and as a result, the ability to absorb or reject heat is also increased. Due to the Hydrocarbon Refrigerants being about half as dense as their chemical counterparts, the pressure at which HC's have to be raised to then permit condensing into a liquid is lower, thus makes the head pressures are lower. The reduced of head pressures means the compressor does not have to 'push' or work as hard, and this can contribute to longer compressor life. Besides, Hydrocarbon Refrigerants helps to improve refrigeration performance which will lead to a reduction in 'run hours' – which reduces power consumption up to 20%. General Manager of The Samaya, Mr. Ray Clark, says “to date The Samaya Seminyak expects to reduce their operational expenses on Air Conditioning by 25%”.

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For more information please contact to :

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