

Every man and his dog needs an **Air Change**



The pet care industry will never be the same. The dogs are barking and the cats are clawing to get into such a purrfect pet paradise as Melbourne's new veterinary facility, WoofPurNay. Air Change reports.

WoofPurNay is a state-of-the-art veterinary facility for animals which includes a day spa, pet supermarket, equine services and products, kids club with petting zoo and animal hospital. Located in Melbourne's Narre Warren North, this mega complex has over half a hectare undercover and is designed with total pet care in mind. The practice is also backed by several universities which utilise it as a training centre for veterinary science students. Included is a video room and lecture theatre with overhead viewing over surgical areas for educational purposes and personal use.

When WoofPurNay consulted designers Air Systems Engineering, it was recommended that the new facility be installed with Air Change's outdoor air units with heat recovery. WoofPurNay utilises an Air Change 750 l/s PoolPac in the heated, indoor hydrotherapy dog pool and a 16kW outdoor air rooftop package unit in the boarding kennel area.

Higher volumes of fresh air can be introduced and conditioned with Air Change units at no extra cost compared to conventional HVAC products. The benefits of better IAQ will improve the performance, health, wellbeing and

comfort of the staff as well as the complex's animal occupants.

Department of Primary Industries (VIC) codes of practice state that in totally enclosed buildings where forced ventilation is the only form of air movement, the following is required:

- An air change rate of 8-12 changes per hour to prevent the build-up of foul odours
- Ventilation devices must avoid draughts and distribute fresh air evenly to all boarding areas
- Temperature must be maintained in the range of 15-27°C and
- Air recirculation units incorporating effective air cleaning and filtration to ensure the removal of infectious organisms and chemicals.

WoofPurNay owner and vet, Dr Gary Stapleton, says he is extremely happy with the installed HVAC systems as they helped to reduce odours, abated diseases and reduced transfer of illnesses between the animals. An added bonus for WoofPurNay will be the savings in energy and reduced running costs through having Air Change units installed. Moves are afoot for expansion in the near future with Dr Stapleton planning to take the successful WoofPurNay concept Australia-wide.

Sydney-based Air Change is a highly regarded HVAC innovator. Company founder John Urch was Highly Commended as "Green Innovator of the Year" at the inaugural CCN CoolWorld Industry Awards in Melbourne during April while late last year Air Change won AIRAH's national award for HVAC excellence.

Air Change equipment has been installed in a variety of applications worldwide, even reaching as far as Antarctica with a unit installed at the Davis Research Centre. See www.air-change.com for a complete list of projects.

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