

## Test Report

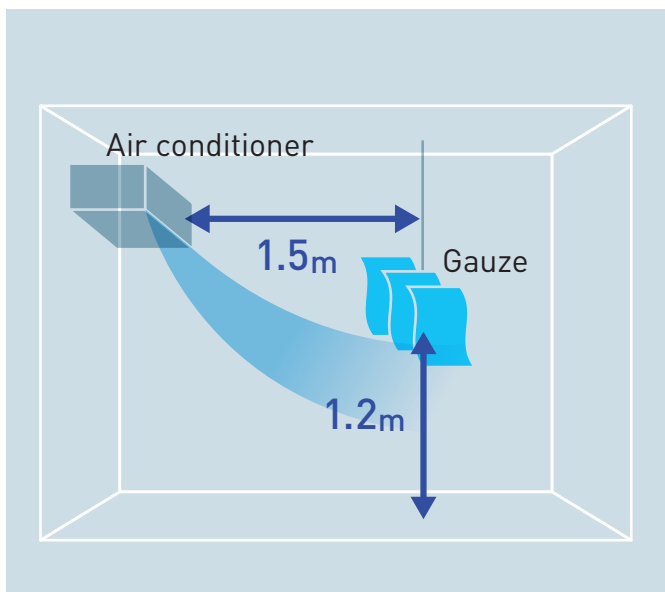
**An air conditioner equipped with nanoe™ X reduces pet odour intensity by 1.5 levels in 1 hour**

### Test outline

- (1) Testing organisation: SGS
- (2) Test subject: Adhered pet odour
- (3) Test volume: Approx. 23m<sup>3</sup> laboratory (3.64×2.73×2.4m)
- (4) Test result: Odour intensity reduced 1.5 levels in 1 hour
- (5) Report No.: SHES160600431171

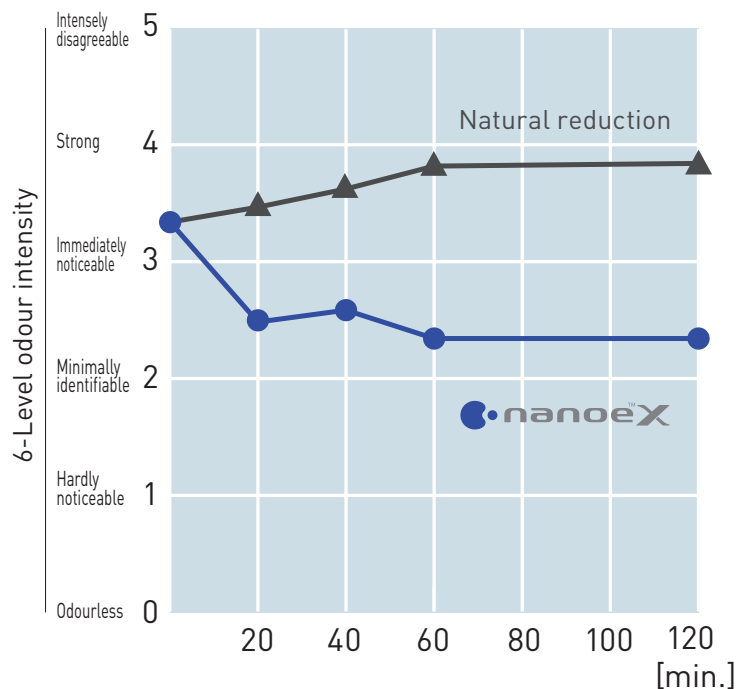
### Test ambient

Approx. 23m<sup>3</sup>



### Test result

Pet odour



## Testing Report

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                | nanoe X<br>(Refer to Appendix for details on specific commodity models carried by the device)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicant                   | Panasonic Corporation of China Co., Ltd. Shanghai Branch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Address                     | 7th Floor, Hongkou SOHO, No.575 Wusong Road, Hongkou District, Shanghai                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Testing place               | Panasonic Product Analysis Center/KANAZAWA University NM Research Laboratory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Report issue date           | 2020-08-04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Related instruction    | Note : According to the results of test items 1, 2, 3, 4, 5 in the report SHES160600431171-3-1-4, it is confirmed that nanoe X, 16X, 17X, 18X, 19X and 20X are of the same nature.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Test Requirement and result | <p>Test items requested by the customer</p> <ol style="list-style-type: none"> <li>1. Deodorization effect of nanoe X<br/>Test conclusion: nanoe X produces remarkable effect upon odor removal.<br/>Test conclusion: The difference of Cigarette oddor intensity with blank is 1.5 or more after 12 minutes. Compared with the data of nanoe in report number SHES160600431171-2-1-1(The difference of Cigarette oddor intensity with blank is 1.5, after 120 minutes), The deodorizing speed of Cigarette Odors of nanoe X is 10 times that of nanoe.</li> <li>2. Bacteria inactivation effect of nanoe X<br/>Test conclusion: Bacteria inactivation rate of nanoe X (staphylococcus aureus) is 99.91%.<br/>Test conclusion: Compared with the data of nanoe in report number SHES160600431171-2-1-1(Bacteria inactivation rate is 99.76%), The inactivation effect of nanoe X is much more effective than that of nanoe.</li> <li>3. Allergen inactivation effect of nanoe X<br/>Test conclusion: nanoe X produces remarkable inactivation effect of Allergen<br/>Test conclusion: The inactivation of pollen allergen, achieving 99.1% inactivation percentage. Compared with the data of nanoe in report number SHES160600431171-2-1-1 (The inactivation of pollen allergen, achieving 87.4% inactivation percentage), T The inactivation effect of nanoe X is much more effective than that of nanoe.</li> <li>4. Mold inactivation effect of nanoe X<br/>Test conclusion: nanoe X produces a remarkable inactivation effect on mold.<br/>Test conclusion: Compared with the data of nanoe in report number SHES160600431171-2-1-1 (8-hour attenuation), The inactivation time by nanoe X is 2 times earlier than that by nanoe.</li> <li>5. Effect of nanoe X upon on hair settlement<br/>Test conclusion: nanoe X treated hair is more smooth and hangs down more easily.</li> </ol> |

