

# CERTIFICATE

## OF COMPLIANCE WITH EN 1886

### VENTILATION FOR BUILDINGS – AIR HANDLING UNITS

**TÜV NORD Systems GmbH & Co. KG, Hamburg, Germany,**  
confirms that the voluntary tests of the mechanical performance carried  
out on a **model box** of the AHU series of

#### Ventas

Isitma, Sogutma, Enerji Sistemleri Insaat San.ve Tic.Ltd.Sti.  
Alkop Alüminyumcular Sanayi Sitesi, C1 Blok No:1-2-3-4-5;  
34500 Esenyurt / Istanbul, Turkey

resulted in the following classifications:

Summary of test report SEGP/0733/11, N° 8108491470 dated 29 June 2012	Classification acc. to							
	EN 1886: 1998	EN 1886: 2007						
<b>Casing strength</b> at -1000 Pa	<b>2A</b>	<b>D1(M)</b>						
<b>Casing strength</b> at +1000Pa	<b>2A</b>	<b>D1(M)</b>						
<b>Casing air leakage</b> at -400 Pa	<b>B</b>	<b>L1(M)</b>						
<b>Casing air leakage</b> at +700 Pa	<b>B</b>	<b>L1(M)</b>						
<b>Filter bypass leakage</b> at -400 Pa	<b>F9</b>	<b>F9(M)</b>						
<b>Filter bypass leakage</b> at +400 Pa	<b>F9</b>	<b>F9(M)</b>						
<b>Thermal transmittance</b>	<b>T4</b>							
<b>Thermal bridging</b>	<b>TB3</b>							
<b>Acoustic insulation of casing</b>								
Octave band	125	250	500	1000	2000	4000	8000	Hz
<b>Sound insertion loss D<sub>e</sub></b>	<b>15</b>	<b>25</b>	<b>31</b>	<b>34</b>	<b>31</b>	<b>39</b>	<b>41</b>	<b>dB</b>

**TÜV NORD Systems GmbH & Co. KG,**  
**Branch Office Essen, Building Engineering**  
**Test Laboratory for Ventilation, Air-Conditioning and Refrigeration**



Dipl.-Ing. Monika Steimle

45141 Essen, 29 June 2012