

**Číslo/Number:** 07-2024

**Výrobek/Product:** Nástěnný konvektor s ventilátorem / Wall-mounted convectors with forced convection

**Typové označení /Type, model line :** KORAWALL Energy, WVE

**Zamýšlené použití / Intended use:** V otopných soustavách v budovách / Heating systems in buildings

**Výrobce / Manufacturer:** LICON s.r.o.  
Svárovská 699  
463 03 Stráž nad Nisou  
Česká Republika/Czech Republic  
DIČ/company ID: CZ60462183

**Systém posuzování stálosti vlastností / System of assessment and verification of constancy of performance:** System 3

**Akreditovaná laboratoř / Accredited laboratory:** 1045.1

**Posuzované technické požadavky / Technical parameters assessed:** EN 442-1; EN 16430-1; EN 16430-2; EN 16430-3

### Deklarované vlastnosti / Declared performances

| Základní charakteristiky<br>Essential characteristics                                                                           | Vlastnosti / Performance                                                                                                                                                                      |                                              | Posuzované technické parametry<br>Harmonised technical specification                                                         |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Reakce na oheň/Reaction to fire                                                                                                 | A1                                                                                                                                                                                            |                                              | EN 442-1: 2014<br>EN 16430-1: 2014<br>EN 16430-2: 2014<br>EN 16430-3: 2014                                                   |
| Uvolňování nebezpečných látek<br>Release of dangerous substances                                                                | NENÍ<br>NONE                                                                                                                                                                                  |                                              |                                                                                                                              |
| Těsnost / Pressure tightness                                                                                                    | Žádná netěsnost při 1,3 násobku pracovního přetlaku<br>No leakage at 1.3 x maximum operating pressure                                                                                         |                                              |                                                                                                                              |
| Příprava a povrchová úprava<br>Preparation and finishing                                                                        | Požadavek splněn<br>Requirement fulfilled                                                                                                                                                     |                                              |                                                                                                                              |
| Odolnost proti přetlaku<br>Resistance to pressure                                                                               | Žádné známky roztržení při 1,69 násobku pracovního přetlaku<br>No breakage at 1.69 x maximum operating pressure<br><br>Maximální pracovní přetlak / Maximum operating pressure:<br>1200 [KPa] |                                              |                                                                                                                              |
| Jmenovitý tepelný a chladicí výkon<br>Rated heating and cooling outputs                                                         | V závislosti na typové řadě, konkrétní hodnoty uvedeny v protokolu č.<br>Depending on the type range, specific values listed in the Test Report No.                                           | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Tepelný výkon a chladicí výkon za odlišných provozních podmínek<br>Heating and cooling output in different operating conditions | V závislosti na typové řadě, jednotlivé charakteristické rovnice uvedeny v protokolu č.<br>Depending on the type range, individual characteristic equation listed in the Test Report No.      | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Hlučnost<br>Noise                                                                                                               | V závislosti na typové řadě, konkrétní hodnoty uvedeny v protokolu č.<br>Depending on the type range, specific values listed in the Test Report No.                                           | 31-10805/1/H<br>31-10805/2/H<br>31-10805/3/H |                                                                                                                              |
| Elektrická a mechanická bezpečnost<br>Electrical and Mechanical safety                                                          | Požadavek splněn<br>Requirement fulfilled                                                                                                                                                     | EMC<br>31-10969/EZ                           | ČSN EN 61000-3-3 ed.3:2014<br>ČSN EN IEC 55014-1 ed.5:2021<br>ČSN EN IEC 55014-2 ed.3:2021<br>ČSN EN IEC 61000-3-2 ed.5:2019 |
|                                                                                                                                 |                                                                                                                                                                                               | LVD<br>31-10969/EZ                           | ČSN EN 60335-1 ed.3:2012<br>ČSN EN 60335-2-30 ed.3:2010<br>ČSN EN 62233:2008                                                 |

Toto prohlášení o vlastnostech je vydáno v souladu se zákonem o technických požadavcích na výrobky 22/1997 Sb.

This declaration of performance is issued in accordance with Act No 22/1997 Coll., on the Technical Requirements for Products.

01.03.2024, Liberec

Datum a místo vydání / Date and place of issue

Martin Kniha, CEO

Jméno a funkce / Name and function  
Podpis / Signature

**Nummer/Number:** 07-2024

**Produkt/Product:** Wandkonvektoren mit erzwungener Konvektion / Wall-mounted convectors with forced convection

**Kennzeichen /Type, model line:** KORAWALL Energy, WVE

**Verwendungszweck / Intended use:** Heizsysteme in Gebäuden / Heating systems in buildings

**Verwendungszweck / Manufacturer:** LICON s.r.o.  
Svárovská 699  
463 03 Stráž nad Nisou  
Česká Republika/Czech Republic  
ID-Nummer/company ID: CZ60462183

**System zur Bewertung und Überprüfung der Leistungsbeständigkeit/**  
System of assessment and verification of constancy of performance: System 3

**Akkreditiertes Labor / Accredited laboratory:** 1045.1

**Bewertete technische Anforderungen / Technical parameters assessed:** EN 442-1; EN 16430-1; EN 16430-2; EN 16430-3

**Deklarierte eigenschaften / Declared performance**

| Grundcharakteristik<br>Essential characteristics                                                                                   | Eigenschaft / Performance                                                                                                                                                                             |                                              | Bewertete technische Parameter<br>Harmonised technical specification                                                         |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Brandverhalten/Reaction to fire                                                                                                    | A1                                                                                                                                                                                                    |                                              | EN 442-1: 2014<br>EN 16430-1: 2014<br>EN 16430-2: 2014<br>EN 16430-3: 2014                                                   |
| Freisetzen von gefährlichen Stoffen/<br>Release of dangerous substances                                                            | BESTANDEN<br>NONE                                                                                                                                                                                     |                                              |                                                                                                                              |
| Druckdichtheit / Pressure tightness                                                                                                | Keine Undichtigkeit bei 1,3fachem maximal zulässigem Betriebsdruck<br>No leakage at 1.3 x maximum operating pressure                                                                                  |                                              |                                                                                                                              |
| Vorbereitung und Oberflächenbehandlung<br>Preparation and finishing                                                                | Erfüllte Anforderung<br>Requirement fulfilled                                                                                                                                                         |                                              |                                                                                                                              |
| Druckfestigkeit<br>Resistance to pressure                                                                                          | Kein Riss bei 1,69fachem maximal zulässigem Betriebsdruck<br>No breakage at 1.69 x maximum operating pressure<br><br>Maximal zulässiger Betriebsdruckk / Maximum operating pressure:<br>1200 [KPa]    |                                              |                                                                                                                              |
| Nennwärme-und Kühlleistung<br>Rated heating and cooling outputs                                                                    | Abhängig von der Typenreihe, spezifische Werte sind im Protokoll Nr. angegeben<br>Depending on the type range, specific values listed in the Test Report No.                                          | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Heizleistung und Kühlleistung in verschiedenen Betriebsbedingungen<br>Heating and cooling output in different operating conditions | Abhängig von der Typenreihe, einzelne charakteristische Gleichungen sind im Protokoll Nr angegeben.<br>Depending on the type range, individual characteristic equation listed in the Test Report No . | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Lärm<br>Noise                                                                                                                      | Abhängig von der Typenreihe sind spezifische Werte im Protokoll Nr. angegeben<br>Depending on the type range, specific values listed in the Test Report No .                                          | 31-10805/1/H<br>31-10805/2/H<br>31-10805/3/H |                                                                                                                              |
| Elektrische und mechanische Sicherheit.<br>Electrical and Mechanical safety                                                        | Erfüllte Anforderung<br>Requirement fulfilled                                                                                                                                                         | EMC<br>31-10969/EZ                           | ČSN EN 61000-3-3 ed.3:2014<br>ČSN EN IEC 55014-1 ed.5:2021<br>ČSN EN IEC 55014-2 ed.3:2021<br>ČSN EN IEC 61000-3-2 ed.5:2019 |
|                                                                                                                                    |                                                                                                                                                                                                       | LVD<br>31-10969/EZ                           | ČSN EN 60335-1 ed.3:2012<br>ČSN EN 60335-2-30 ed.3:2010<br>ČSN EN 62233:2008                                                 |

Diese Leistungserklärung ist gemäß nach dem Gesetz über technischen Produkthanforderungen 22/1997 Slg.ausgestellt.  
This declaration of performance is issued in accordance with Act No 22/1997 Coll., on the Technical Requirements for Products.

01.03.2024, Liberec

**Ort und Datum der Ausstellung / Date and place of issue**

Martin Kniha, CEO

**Name und Funktion / Name and function**  
**Unterschrift / Signature**

**No/Number:** 07-2024

**Produit/Product:** Convecteurs muraux à convection forcée/ *Wall-mounted convectors with forced convection*

**Désignation du type /Type, model line:** KORAWALL Energy, WVE

**Usage prévu/ Intended use:** Systèmes de chauffage dans des bâtiments / Heating systems in buildings

**Fabricant / Manufacturer:** LICON s.r.o.  
Svárovská 699  
463 03 Stráž nad Nisou  
Česká Republika/Czech Republic  
DIČ/company ID: CZ60462183

**Système d'évaluation et de vérification de la constance des performances /**  
System of assessment and verification of constancy of performance: System 3

**Laboratoire accrédité / Accredited laboratory:** 1045.1

**Exigences techniques évaluées / Technical parameters assessed:** EN 442-1; EN 16430-1; EN 16430-2; EN 16430-3

**Performances déclarées / Declared performances**

| Caractéristiques essentielles                                                                                                                     | Performances / Performance                                                                                                                                                                                         |                                              | Paramètres techniques évalués                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Essential characteristics                                                                                                                         |                                                                                                                                                                                                                    |                                              | Harmonised technical specification                                                                                           |
| Réaction au feu/Reaction to fire                                                                                                                  | A1                                                                                                                                                                                                                 |                                              | EN 442-1: 2014<br>EN 16430-1: 2014<br>EN 16430-2: 2014<br>EN 16430-3: 2014                                                   |
| Relâchement des substances dangereuses<br>I Release of dangerous substances                                                                       | CONFORME A LA NORME<br>NONE                                                                                                                                                                                        |                                              |                                                                                                                              |
| Surpression d'essai I Pressure tightness                                                                                                          | 1,3 de la supression d'exploitation maximale<br>No leakage at 1.3 x maximum operating pressure                                                                                                                     |                                              |                                                                                                                              |
| Préparation et traitement de finition<br>Preparation and finishing                                                                                | Exigence remplie<br>Requirement fulfilled                                                                                                                                                                          |                                              |                                                                                                                              |
| Résistance contre la surpression<br>Resistance to pressure                                                                                        | 1,69 de la supression d'exploitation maximale<br>No breakage at 1.69 x maximum operating pressure<br><br>Pression de service maximale I Maximum operating pressure:<br>1200 [KPa]                                  |                                              |                                                                                                                              |
| Puissance thermique et frigorifique nominale<br>Rated heating and cooling outputs                                                                 | En fonction de la gamme de types, les valeurs spécifiques sont données dans le protocole N°<br>Depending on the type range, specific values listed in the Test Report No.                                          | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Puissance thermique et frigorifique dans différentes conditions de fonctionnement<br>Heating and cooling output in different operating conditions | En fonction de la gamme de types, les équations caractéristiques individuelles sont données dans le protocole N°<br>Depending on the type range, individual characteristic equation listed in the Test Report No . | 31-10805/1/T<br>31-10805/2/T                 |                                                                                                                              |
| Niveau sonore<br>Noise                                                                                                                            | En fonction de la gamme de types, les valeurs spécifiques sont données dans le protocole N°<br>Depending on the type range, specific values listed in the Test Report No .                                         | 31-10805/1/H<br>31-10805/2/H<br>31-10805/3/H |                                                                                                                              |
| Sécurité électrique et mécanique Electrical and Mechanical safety                                                                                 | Exigence remplie<br>Requirement fulfilled                                                                                                                                                                          | EMC<br>31-10969/EZ                           | ČSN EN 61000-3-3 ed.3:2014<br>ČSN EN IEC 55014-1 ed.5:2021<br>ČSN EN IEC 55014-2 ed.3:2021<br>ČSN EN IEC 61000-3-2 ed.5:2019 |
|                                                                                                                                                   |                                                                                                                                                                                                                    | LVD<br>31-10969/EZ                           | ČSN EN 60335-1 ed.3:2012<br>ČSN EN 60335-2-30 ed.3:2010<br>ČSN EN 62233:2008                                                 |

Cette déclaration des performances est délivrée conformément à la loi sur les exigences techniques des produits 22/1997 Coll.  
*This declaration of performance is issued in accordance with Act No 22/1997 Coll., on the Technical Requirements for Products.*

01.03.2024, Liberec

**Date et lieu de délivrance / Date and place of issue**

Martin Kniha, CEO

**Nom et fonction / Name and function**  
**Signature / Signature**

**Number:** 07-2024

**Product:** Wall-mounted convectors with forced convection

**Type, model line :** KORAWALL Energy, WVE

**Intended use:** Heating systems in buildings

**Manufacturer:** LICON s.r.o.  
Svárovská 699  
463 03 Stráž nad Nisou  
Czech Republic  
Company ID: CZ60462183

**System of assessment and verification of constancy of performance:** System 3

**Accredited laboratory:** 1045.1

**Technical parameters assessed:** EN 442-1; EN 16430-1; EN 16430-2; EN 16430-3

## Declared performances

| Essential characteristics                                    | Performance                                                                                                                | Harmonised technical specification                                                                                           |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Reaction to fire                                             | A1                                                                                                                         | EN 442-1: 2014<br>EN 16430-1: 2014<br>EN 16430-2: 2014<br>EN 16430-3: 2014                                                   |
| Release of dangerous substances                              | NONE                                                                                                                       |                                                                                                                              |
| Pressure tightness                                           | No leakage at 1.3 x maximum operating pressure                                                                             |                                                                                                                              |
| Preparation and finishing                                    | Requirement fulfilled                                                                                                      |                                                                                                                              |
| Resistance to pressure                                       | No breakage at 1.69 x maximum operating pressure<br>Maximum operating pressure : 1200 [KPa]                                |                                                                                                                              |
| Rated heating and cooling outputs                            | Depending on the type range, specific values listed in the Test Report No. 31-10805/1/T<br>31-10805/2/T                    |                                                                                                                              |
| Heating and cooling output in different operating conditions | Depending on the type range, individual characteristic equation listed in the Test Report No. 31-10805/1/T<br>31-10805/2/T |                                                                                                                              |
| Noise                                                        | Depending on the type range, specific values listed in the Test Report No. 31-10805/1/H<br>31-10805/2/H<br>31-10805/3/H    | ČSN EN 61000-3-3 ed.3:2014<br>ČSN EN IEC 55014-1 ed.5:2021<br>ČSN EN IEC 55014-2 ed.3:2021<br>ČSN EN IEC 61000-3-2 ed.5:2019 |
| Electrical and Mechanical safety                             | Requirement fulfilled                                                                                                      |                                                                                                                              |
|                                                              |                                                                                                                            | EMC<br>31-10969/EZ<br>LVD<br>31-10969/EZ<br>ČSN EN 60335-1 ed.3:2012<br>ČSN EN 60335-2-30 ed.3:2010<br>ČSN EN 62233:2008     |

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01.03.2024, Liberec

**Date and place of issue**

Martin Kniha, CEO

**Name and function**  
**Signature**