

NATIONAL DECLARATION OF PERFORMANCE
No. 01/DA/2020/VILPRA

1. Name and trade name of the construction product:

Heat recovery ventilation system HEATPEX ARIA

pipe 75, distribution box 10x75, plenum box 3x75, main central connector 125/160/200, main side connector 125/160, horizontal coupling, vertical coupling, double socket coupling 75

2. Unique identification of the construction product type:

HEATPEX ARIA

3. Intended use:

Distribution of ventilation air in single-family houses

4. Name and address of the manufacturer and the place of manufacture of the product:

HEATPEX Sp. z o.o., ul. Trakt Św. Wojciecha 2, 80-044 Gdańsk

5. Name and contact address of the authorized representative: not applicable

6. National system of assessment and verification of constancy of performance:

assessment system 4

7. National technical specifications:

7a. PN-EN 17192:2018 Ventilation for buildings – Ductwork – Non-metallic ductwork – Requirements and test methods

Name of accredited certification body, accreditation number and national certificate number: not applicable

7b. National technical assessment: not applicable

Technical assessment body: not applicable

Name of accredited certification body, accreditation number and national certificate number: not applicable

8. Declared performance:

| Essential characteristics of the construction product for the intended use | Declared performance | Remarks |
|--|--|---------|
| Material (pipe DN 75) | polyethylene | |
| Material (distribution box 10x75, plenum box 3x75, main central connector 125/160/200, main side connector 125/160, horizontal coupling, vertical coupling, double socket coupling 75) | polypropylene | |
| Service temperature | STL -5°C to STH +50°C | |
| Pressure drop (for air flow 30m ³ /h) | 2,13 Pa/m | |
| Reaction to fire (pipe only) | D-s2, d0 according to PN-EN 13501-1:2019-02 | |
| Thermal resistance | 0,0472m ² K/W (0,00926m ² K/W) | |
| Air tightness | Class ATC1 | |
| Resistance to external pressure | 500N | |
| Mechanical connection | MC3 | |
| Microbial resistance | R=2,82 ATCC6538P / R=2,64 ATCC8739 (reduction 99%) | |
| Antistatic properties | Antistatic product according to IEC61340-2-3 | |


9. The performance of the product identified above is in conformity with the declared performance in point 8. This national declaration of performance is issued in accordance with the Construction Products Act of 16 April 2004 under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Gdańsk, 01.12.2020

 **HEATPEX** Sp. z o.o.
ul. Trakt św. Wojciecha 29
80-044 Gdańsk
REGON 193031338
NIP: 583-285-37-09

Product Manager


Michał Kuchczyński