

CONFORMITY CERTIFICATE

No. 221299371

Manufacturer: PRANA PLATINUM LLC
 Dudaieva str., 19-1
 79005, Lviv, Ukraine

Product: Bidirectional unit with heat recovery «PRANA»

Model: see the next page

This conformity certificate confirms the conformity of the product with essential safety requirements of the following EC/EU New Approach Directives as amended:

2014/53/EU RED Directive

Essential requirements:	Standards used for the conformity assessment:	
	Harmonized standards:	Other standards and specifications:
Art. 3.1(a) and conformity related to Directive 2014/35/EU	Health: EN 62311:2008 Safety: EN 60335-1:2012/AC:2014/A11:2014/A13:2017/A1:2019/A14:2019/A2:2019/A15:2021 EN 60335-2-30:2009/A11:2012/AC:2010/AC:2014/A1:2020/A12:2020 EN 60335-2-80:2003/A1:2004/A2:2009	
Art. 3.1(b):		EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4
Art. 3.2	EN 300 328 V2.2.2	

The certificate has been issued on the basis of the tests of the product type sample. The results are recorded in the Conformity assessment report No. 220500290 dated 09.11.2022



mark can be used only in the case of conformity assessment according to all relevant EC/EU Directives

This certificate is issued under the following conditions:

- The certificate applies to the product type and its variations specified in the above mentioned Conformity Assessment report.
- The production process/factory production control is not covered by this certificate.
- The certificate does not imply that the certification body has performed any surveillance or control of the production process.
- The manufacturer shall ensure the conformity of subsequent production items with the certified type.
- Changes that may have an impact on maintaining conformity with the certification requirements may require confirmation of the validity of the certificate by demonstrating compliance with the conditions under which the certificate was issued or by conducting an additional evaluation.
- The holder of this certificate must keep the conditions specified in the General Rules for Product Certification, which are freely available at www.tsu.eu

Issue date: 09.11.2022
 Expiry date: 08.11.2025
 Issue: 1




Ing. Dušan HANČO
 Head of Product Certification Bcdy

152019

Models: **PRANA-150, PRANA-150+, PRANA-150++, PRANA-150 ERP, PRANA-150 ERP PRO, PRANA-150 Premium, PRANA-150 Premium Plus, PRANA-150 BASE, PRANA-150 STANDARD, PRANA-150 Silent, PRANA-150 Silent Mini**

PRANA-160, PRANA-160 ERP, PRANA-160 ERP PRO

PRANA-162, PRANA-162+, PRANA-162++

PRANA-165, PRANA-165+, PRANA-165++

PRANA-200G, PRANA-200G+, PRANA-200G++, PRANA-200G ERP, PRANA-200G ERP PRO, PRANA-200G Premium, PRANA-200G Premium Plus, PRANA-200G BASE, PRANA-200G STANDARD

PRANA-210G, PRANA-210G ERP, PRANA-210G ERP PRO

PRANA-212G, PRANA-212G+, PRANA-212G++

PRANA-215G, PRANA-215G+, PRANA-215G++, PRANA-215G Silent, PRANA-215G Silent Mini

PRANA-200C, PRANA-200C+, PRANA-200C++, PRANA-200C ERP, PRANA-200C ERP PRO, PRANA-200C Premium, PRANA-200C Premium Plus, PRANA-200C BASE, PRANA-200C STANDARD

PRANA-210C, PRANA-210C ERP, PRANA-210C ERP PRO

PRANA-212C, PRANA-212C+, PRANA-212C++

PRANA-215C, PRANA-215C+, PRANA-215C++



TEST REPORT

No. 23043SEG-08CB23090

Balanced calorimeter – Performance tests

Amaro, 2023/04/11

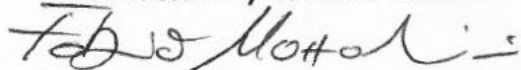
Customer:	Prana Italia S.r.L. Via Lidia 3/A 00179 Roma (RM)-Italia
Testing location:	Local Unit Udine HVACR Testing I – 33020 Amaro (UD) Via J. Linussio, 1
Unit under test:	Un-ducted heat recovery unit
Manufacturer/Model:	PRANA – 150 ++
Serial number:	n.a.
Date of reception of unit:	2023/03/08
Date of test – beginning:	2023/03/20
Date of test – finish:	2023/03/22
Voltage:	230 [V]
Frequency:	50 Hz
Power source:	Single-Phase
Year of manufacture:	n.a.

Reference documents:

- EN 13141-8:2014 – Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room – (*)

The results presented in this report are valid only for the tested unit.

Executed by Lab Technician



Fabio Mazzolini – IMQ | Local Unit Udine

Approved by Technical Manager



Andrea Mazzolini – IMQ | Local Unit Udine

The tested unit has been chosen by the customer/manufacturer. The results apply to the sample as received
This report consists of 15 pages. Any reproduction of this report must contain all pages.
Any other partial reproduction of this document must be authorized by IMQ.
(*) Except par. 5.2.2.1 ("tracer gas method") and 5.2.2.4

TEST REPORT

No. 23043SEG-08CA23090

Reverberation rooms – Sound test

Amaro, 2023/04/19

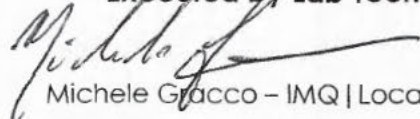
Customer:	Prana Italia S.r.L. Via Lidia, 3/A – 00179 – Roma (RM) - Ita
Testing location:	Local Unit Udine HVACR Testing I – 33020 Amaro (UD) Via J. Linussio, 1
Unit under test:	Un-ducted heat recovery unit
Manufacturer/Model:	Prana / 150++
Serial number:	n.d.
Date of reception of unit:	2023/03/08
Date of test – beginning:	2023/03/28
Date of test – finish:	2023/03/28
Type of test:	Sound power measurement
Power Source:	1Ph - 50Hz
Dimensions:	L(60) Ø(150) [mm]
Year of manufacture:	n.d.

Reference documents:

- EN ISO 3741:2010 – Determination of sound power levels and sound energy levels of noise sources using sound pressure – Precision methods for reverberation test rooms –;
- EN 13141-8:2014 – Ventilation for buildings - Performance testing of components/products for residential ventilation – Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room – (*)

The results presented in this report are valid only for the tested unit.

Executed by Lab Technician



Michele Gracco – IMQ | Local Unit Udine

Approved by Technical Manager



Andrea Mazzolini – IMQ | Local Unit Udine

The tested unit has been chosen by the customer/manufacturer. The results apply to the sample as received.

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(*) Except par. 5.2.2.1 ("tracer gas method") and 5.2.2.4

TEST REPORT

23043SEG-08TV23090

Test chamber up to 2500 m³/h – Air flow tests

Amaro, 2023/05/03

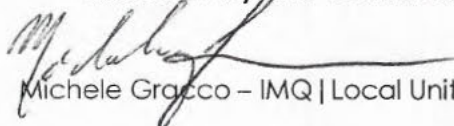
Customer:	Prana Italia S.r.L. Via Lidia, 3/A – 00179 – Roma (RM) - Italy
Testing location:	Local Unit Udine HVACR Testing I – 33020 Amaro (UD) Via J. Linussio, 1
Date of reception of unit:	2023/03/08
Date of test – beginning:	2023/03/09
Date of test – finish:	2023/04/03
Test unit:	Un-ducted Heat recovery unit
Manufacturer:	PRANA
Unit model:	150 ++
Serial number:	n.d.
Voltage:	230 [V]
Frequency:	50 [Hz]
Power source:	1 Ph + N

Reference documents:

- EN ISO 5801:2017 – Fans – Performance testing using standardized airways –;
- EN 13141-8:2014 – Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 8: Performance testing of un-ducted mechanical supply and exhaust ventilation units (including heat recovery) for mechanical ventilation systems intended for a single room – (*)

The results presented in this report are valid only for the tested unit.

Executed by Lab Technician


Michele Gracco – IMQ | Local Unit Udine

Approved by Technical Manager


Andrea Mazzolini – IMQ | Local Unit Udine

The tested unit has been chosen by the customer/manufacturer. The results apply to the sample as received.
This report consists of 18 pages. Any reproduction of this report must contain all pages.
Any other partial reproduction of this document must be authorized by IMQ.
(*) Except par. 5.2.2.1 ("tracer gas method") and 5.2.2.4

Annex 1

Product fiche according to Ecodesign regulation No. 1254/2014 (Annex IV)				
Supplier		PRANA PLATINUM LLC.		
Model		160 STANDARD M23 (Clock control) 160 ERP M23 (Local demand control) 160 ERP PRO M23 (Local demand control)		
Climate zone	Type of control	SEC [kWh/m ² a]	AEC [kWh/a]	AHS [kWh/a]
Average	Clock control	-27,91 (B)	2,45	33,36
	Local demand	-35,51 (A)	1,39	38,30
Cold	Clock control	-54,44 (A+)	7,82	65,26
	Local demand	-66,76 (A+)	6,76	74,93
Warm	Clock control	-10,08 (E)	2,00	15,08
	Local demand	-17,32 (E)	0,94	17,32
Typology		BVU		
Type of drive installed		Variable speed drive		
Type of heat recovery system		Recuperative		
Thermal efficiency of heat recovery at reference flow rate [%]		53		
Maximum flow rate [m ³ /h]		52		
Electric power input at maximum flow rate [W]		16,4		
Maximum sound power level [dB(A)]		50		
Reference flow rate [m ³ /h]		32		
Reference pressure difference [Pa]		0		
SPI [W/m ³ /h]		0,16		
Control factor	Clock control	0,95		
	Local demand control	0,65		
Internal/external leakage rate [%]		1,5/6,5		
Mixing rate [%]		N/A		
Airflow sensitivity class		S2		
Indoor and outdoor air tightness [m ³ /h]		D1		
Position of visual filter warning		Mobile application/Front display		
Internet address				

Annex 1

Product fiche according to Ecodesign regulation No. 1254/2014 (Annex IV)				
Supplier		PRANA PLATINUM LLC.		
Model		160 STANDARD Mini M23 (Clock control) 160 ERP Mini M23 (Local demand control) 160 ERP PRO Mini M23 (Local demand control)		
Climate zone	Type of control	SEC [kWh/m ² a]	AEC [kWh/a]	AHS [kWh/a]
Average	Clock control	-24,30 (C)	2,56	30,03
	Local demand	-33,10 (B)	1,33	36,02
Cold	Clock control	-47,64 (A+)	7,93	58,75
	Local demand	-62,18 (A+)	6,81	70,47
Warm	Clock control	-8,29 (F)	2,11	13,58
	Local demand	-13,81 (E)	0,99	16,29
Typology		BVU		
Type of drive installed		Variable speed drive		
Type of heat recovery system		Recuperative		
Thermal efficiency of heat recovery at reference flow rate [%]		43		
Maximum flow rate [m ³ /h]		52		
Electric power input at maximum flow rate [W]		16,4		
Maximum sound power level [dB(A)]		50		
Reference flow rate [m ³ /h]		32		
Reference pressure difference [Pa]		0		
SPI [W/m ³ /h]		0,17		
Control factor	Clock control	0,95		
	Local demand control	0,65		
Internal/external leakage rate [%]		1,5/6,5		
Mixing rate [%]		N/A		
Airflow sensitivity class		S2		
Indoor and outdoor air tightness [m ³ /h]		D3		
Position of visual filter warning		Mobile application/Front display		
Internet address				

Annex 2

Product fiche according to Ecodesign regulation No. 1254/2014 (Annex IV)				
Supplier		PRANA PLATINUM LLC.		
Model		210G STANDARD M23 (Clock control) 210G ERP M23 (Local demand control) 210G ERP PRO M23 (Local demand control)		
Climate zone	Type of control	SEC [kWh/m ² a]	AEC [kWh/a]	AHS [kWh/a]
Average	Clock control	-29,71 (B)	2,13	34,36
	Local demand	-36,57 (A)	1,24	38,90
Cold	Clock control	-57,20 (A+)	7,50	67,21
	Local demand	-68,48 (A+)	6,61	76,26
Warm	Clock control	-11,34 (E)	1,68	15,54
	Local demand	-17,63 (E)	0,79	17,63
Typology		BVU		
Type of drive installed		Variable speed drive		
Type of heat recovery system		Recuperative		
Thermal efficiency of heat recovery at reference flow rate [%]		56		
Maximum flow rate [m ³ /h]		65		
Electric power input at maximum flow rate [W]		18,5		
Maximum sound power level [dB(A)]		50		
Reference flow rate [m ³ /h]		38		
Reference pressure difference [Pa]		0		
SPI [W/m ³ /h]		0,13		
Control factor	Clock control	0,95		
	Local demand control	0,65		
Internal/external leakage rate [%]		0,6/6,1		
Mixing rate [%]		N/A		
Airflow sensitivity class		S3		
Indoor and outdoor air tightness class		D3		
Position of visual filter warning		Mobile application/Front display		
Internet address				

Annex 3

Product fiche according to Ecodesign regulation No. 1254/2014 (Annex IV)				
Supplier		PRANA PLATINUM LLC.		
Model		210C STANDARD M23 (Clock control) 210C ERP M23 (Local demand control) 210C ERP PRO M23 (Local demand control)		
Climate zone	Type of control	SEC [kWh/m ² a]	AEC [kWh/a]	AHS [kWh/a]
Average	Clock control	-29,05 (B)	2,00	33,36
	Local demand	-36,04 (A)	1,17	38,30
Cold	Clock control	-55,58 (A+)	7,37	65,26
	Local demand	-67,30 (A+)	6,54	74,93
Warm	Clock control	-11,22 (E)	1,55	15,08
	Local demand	-15,51 (E)	0,72	17,32
Typology		BVU		
Type of drive installed		Variable speed drive		
Type of heat recovery system		Recuperative		
Thermal efficiency of heat recovery at reference flow rate [%]		53		
Maximum flow rate [m ³ /h]		90		
Electric power input at maximum flow rate [W]		19,5		
Maximum sound power level [dB(A)]		50		
Reference flow rate [m ³ /h]		48		
Reference pressure difference [Pa]		0		
SPI [W/m ³ /h]		0,12		
Control factor	Clock control	0,95		
	Local demand control	0,65		
Internal/external leakage rate [%]		0,5/6,2		
Mixing rate [%]		N/A		
Airflow sensitivity class		S2		
Indoor and outdoor air tightness class		D3		
Position of visual filter warning		Mobile application/Front display		
Internet address				