



PRODUCT PERFORMANCE RATING

Document ID 100920191523-9740286

Issued on 9 October 2019

This product is certified by Eurovent Certita Certification as mentioned on

Certificate N° 18.02.007

This document is valid at the date of issue - **Check the current validity on www.eurovent-certification.com**

Product	European Heat Pumps (Euro-HP)
Product type	Liquid chilling package/ air-cooled/ packaged/ reversible
Brand	IMMERGAS
Range	AUDAX TOP ErP
Product référence	AUDAX TOP 18 ErP

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location
heat pump	Immergas	ab 154-d	Italy



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FEATURE	VALUE	UNIT
GENERAL		
Refrigerant	R410A	
Main Power Supply	400-3-50	
Type of Water Regulation	FW/VO	
Control of pump speed	Variable	
Intended geographical market	EU	
Outdoor Heat Exchanger Type	finned tube	
Outdoor Heat Exchanger Dimensions	890x1321x38.1	
Indoor Heat Exchanger Type	Plate	
Indoor Heat Exchanger Dimension(WxLxH)	93.8x112x526	
Expansion Device Type	Electronic	

FEATURE	VALUE	UNIT
ACOUSTICS		
LwO	71.00	dB(A)



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FEATURE	VALUE	UNIT
A35/W12-7		
Apc Indoor	13.00	kPa
Class EER	A	
EER	3.10	
Pc	15.20	kW
Pec	4.90	kW

FEATURE	VALUE	UNIT
AIR CONDITIONING		
Ph	15.80	kW
Peh	4.65	kW
COP	3.40	
Aph Indoor	81.00	kPa



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FEATURE	VALUE	UNIT
SEER		
SEER	4.60	
η_{sc}	181.00	

FEATURE	VALUE	UNIT
A35/W23-18		
Apc Indoor	10.00	kPa
Apc Outdoor		kPa
Class EER	A	
EER	4.00	
Pc	21.40	kW
Pec	5.35	kW



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FEATURE	VALUE	UNIT
COOLING & HEATING FLOOR		
Ph	16.90	kW
Peh	4.02	kW
COP	4.20	
Aph Indoor	78.00	kPa

FEATURE	VALUE	UNIT
A7/W47-55		
Ph	15.00	kW
Peh	5.56	kW
COP	2.70	
Aph Indoor	105.00	kPa



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FEATURE	VALUE	UNIT
A7/W55-65		
Ph		kW
Peh		kW
COP		
Aph Indoor		kPa

FEATURE	VALUE	UNIT
LRCONTMINH		
Capacity Control	Variable	
Tamont_maxc	46.00	°C
Taval_minc	5.00	°C
Tamont_minh	-20.00	°C
Taval_maxh	60.00	°C



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FEATURE	VALUE	UNIT
PSBC		
Psbcb	24.00	W

FEATURE	VALUE	UNIT
PSBH		
Psbhb	24.00	W

FEATURE	VALUE	UNIT
POFFC		
Poffcb		W

FEATURE	VALUE	UNIT
PTOC		
Ptoc	83.00	W



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FEATURE	VALUE	UNIT
PTOH		
Ptoh	26.00	W

FEATURE	VALUE	UNIT
PCKH		
Pckh	24.00	W

FEATURE	VALUE	UNIT
EFFICIENCY AVERAGE W35		
Pdesignh Average W35	9.25	kW
SCOP Average W35	3.68	
ηs Average W35	144.00	

FEATURE	VALUE	UNIT
SOUND AVERAGE W35		
LwO Average W35	71.00	dB(A)



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FEATURE	VALUE	UNIT
EFFICIENCY AVERAGE W55		
Pdesignh Average W55	9.11	kW
SCOP Average W55	3.03	
η_s Average W55	118.00	

FEATURE	VALUE	UNIT
SOUND AVERAGE W55		
LwO Average W55	71.00	dB(A)

FEATURE	VALUE	UNIT
EFFICIENCY COLDER W35		
Pdesignh Colder W35	13.65	kW
SCOP Colder W35	3.09	
η_s Colder W35	121.00	



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FEATURE	VALUE	UNIT
EFFICIENCY COLDER W55		
Pdesignh Colder W55	16.41	kW
SCOP Colder W55	2.78	
η_s Colder W55	108.00	

FEATURE	VALUE	UNIT
EFFICIENCY WARMER W35		
Pdesignh Warmer W35	14.67	kW
SCOP Warmer W35	5.71	
η_s Warmer W35	225.00	

FEATURE	VALUE	UNIT
EFFICIENCY WARMER W55		
Pdesignh Warmer W55	12.50	kW
SCOP Warmer W55	3.80	
η_s Warmer W55	149.00	