

PRODUCT PERFORMANCE RATING

Document ID 1631701701-1d-5e0b3ae1

Issued on: 15 September 2021 - Délivré le : 15 septembre 2021

This product is certified by Eurovent Certita Certification as mentioned on:

Ce produit est certifié par Eurovent Certita Certification comme mentionné sur :

Certificate N° 18.02.005

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Certification programmes / Programmes de certification

Product type / Type de produit

Model name / Nom du modèle

Range / Gamme

Participant / Titulaire

Brand / Marque

Variable Refrigerant Flow

Air cooled, reversible

AVW-41HKFHH2

Hi-Smart L+ Series

Qingdao Hisense Hitachi Air-Conditioning Systems Co. Ltd.

Hisense

This performance certificate is delivered for the following project

Project Name	Project compagny	Project Reference	Project location
<i>Nom du projet</i>	<i>Nom de la société</i>	<i>Project Reference</i>	<i>Localisation du projet</i>
BEG	CP Kaut GmbH	Certification	Germany

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FEATURE	VALUE	UNIT
Standard Cooling/Cooling PL Cond A		
Pc out (Outdoor Cooling Capacity)	12.1	kW
Pec out (Outdoor power input (cooling))	2.79	kW
EERout (Outdoor Energy Efficiency Ratio)	4.33	
Heating		
Ph out (Outdoor Heating Capacity)	14	kW
Peh out (Outdoor power input (heating))	3.08	kW
COPout (Outdoor Coefficient of Performance)	4.55	
Acoustics		
LwO env (A weighted sound power level outdoor unit (non ducted))	70	dB(A)
Acoustics In Heating		
LwO env in heating (A weighted sound power level outdoor unit (non ducted) in heating)	70	dB(A)
SeasonalCooling		
SEER	8.2	
η_{sc}	325	%
Cooling PL Cond B		
PcB	9.02	kW
EERB	5.03	
Cooling PL Cond C		
PcC	5.83	kW
EERC	9.89	
Cooling PL Cond D		
PcD	3.46	kW
EERD	18.85	
SeasonalHeating Average		
Pdesignh	9.47	kW
SCOP	4.85	
η_{sh}	191	%
Heating PL Cond A		
PhA	8.38	kW

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FEATURE	VALUE	UNIT
Heating PL Cond A		
COPA	2.58	
Heating PL Cond B		
PhB	5.38	kW
COPB	4.82	
Heating PL Cond C		
PhC	3.56	kW
COPC	7.12	
Heating PL Cond D		
PhD	2.66	kW
COPD	8.89	
T Bivalent		
Tbiv (Bivalent Temperature)	-7	°C
PhTbiv	8.38	kW
COPTbiv	2.58	
PsbC		
PsbC	20	W
Psbh		
Psbh	20	W
General - Product		
Mounting (Mounting type)	ducted	
IU Names (Names of combinable Indoor units)	AVD-10UXCSBLX U	
IU Range Names (Range Names of combinable Indoor units)	AV*	
Main Power Supply (Main Power Supply Voltage(V) - Phase-Frequency (Hz))	400-3-50	
Refrigerant (Refrigerant.Eg.:R410A, R407C)	R410A	
Capacity Control (Capacity Control:Fixed, Staged, Variable)	variable	