

TECHNISCHE FICHE
TF 11006_01
 Revisie 1

PROJECT: FI 11.03 GUSB - Regio Dunant - Campus Dunant
PROJECTNR.: 1017UGE
AANNEMER: EEG nv
PERCEEL: Vernieuwen stookplaats
REFERENTIE OVEREENKOMST: Ugent - A02333/02
DATUM INDIENEN: 28/06/2019

Hoofdstuk lastenboek / meetstaat: 11006 KOUDEPRODUCTIE EN WARMTEPOMPEN
Artikel meetstaat: 11006.01.01.
Artikel Bestek (indien verschil meetstaat): 0
OMSCHRIJVING: Warmtepomp luchtgekoeld

Materiaal voorstelling

Merk:	Aquasnap Heating		
Type:	61AF105		
Leverancier:			
Conform / afwijkend bestek:			
Bijlagen:	Documentatie	Ja	Ja
	Berekeningen en selectie	Ja	
	Montage instructies	Ja	

Bijzondere vermeldingen

(eventuele) non-conformiteit LB, typeverwijzing, kleur, oppervlakteafwerking,...

Opmerkingen

		Gunstig	Bijkomende info	Aan te passen	Verworpen	Niet van toepassing
	Istema Ingenieur technieken ISTEMA N.V.		X			
Datum advies	5/06/2019	Doorsturen: ARCH BWH X Handtekening goedkeuring				
Opmerking	Gunstig advies. Nog te beoordelen door UGE.					
Datum advies	Architect Niet van toepassing dd/mm/yyyy	Handtekening goedkeuring				
Opmerking	opmerking ARCH					
Datum	Bouwheer Ugent - Gerd Van Vaerenbergh dd/mm/yyyy	Handtekening goedkeuring				
Opmerking	opmerking bouwheer					

BELANGRIJK: De opmerkingen en/of de goedkeuring van dit document ontslaan de aannemer niet van zijn verantwoordelijkheden zoals bepaald in de overeenkomst

Summary Performance Report For Untitled1

Project: ~Untitled4
Prepared By:

11/08/2018
10:06AM



Non contractual photo

61AF-105B Air to Water Heat Pump

Seasonal Energy Efficiency

SCOP (Low 30°C/35°C): **3,60** kWh/kWh
SCOP (Medium 47°C/55°C)*: **3,15** kWh/kWh
 All data related to seasonal efficiency are given for standard units.



* ECODSIGN Compliance value as per (EU) N° 813/2013

Unit Information

Manufacturing Source: **Montluel, France**
 Refrigerant: **R-407C**
 Capacity Control Steps: **2**
 Minimum Capacity: **50** %
 Number of Refrigerant Circuit: **1**
 Operating/Shipping Weight without packaging option: **1032/1007** kg
 Unit Dimensions (LxWxH) without packaging option: **2100/2273/1330** mm

Heating Mode

Performance Information

Heating Capacity: **94,7** kW
 Heating Capacity (Instantaneous)*: **96,7** kW
 Heating Efficiency (COP): **3,60** kW/kW
 Unit Power Input: **26,31** kW

Evaporator Information

Altitude: **0** m
 Number of Fans: **2**
 Entering Air Temperature (dry bulb): **5,0** °C
 Entering Air Temperature (wet bulb): **4,1** °C
 Relative Humidity: **87,0** %

Condenser Information

Fluid Type: **Fresh Water**
 Fouling Factor: **0,0000** (sqm-K)/kW
 Leaving Temperature: **45,0** °C
 Entering Temperature: **35,0** °C
 Fluid Flow: **2,33** l/s
 Total Pressure Drop: **5,1** kPa

Electrical Information

Unit Voltage: **400(+/-10%)-3-50** V-Ph-Hz
 Standby Power: **0,16** kW
 Power Factor: **0,88**

Amps (Un)	Electrical Circuit 1	Electrical Circuit 2
Maximum Current In (A):	76	None
Start Up Current (A)	227	None
Current at Eurovent Conditions (A)	54	None

Accessories and Installed Options

Opt. 58 Master/Slave operation
 Opt. 15 Low Noise

Acoustic Information (heating mode)

Sound Power Level (LwA): **82** dbA
 Sound Pressure Level at 10,0m (LpA): **51** dbA

* These performances do not consider the impact of defrost cycles. They are not compliant with EN-14511-3:2013 and are not certified by Eurovent.

All performances are compliant with EN14511 – 3 : 2013. Sound power level according to ISO9614 – 1.



CARRIER participates in the ECP program for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com.

Outside the scope of AHRI Air-Cooled Water-Chilling Packages Certification Program, but is rated in accordance with AHRI Standard 550/590 (I-P) and AHRI Standard 551/591 (SI).