Model(s):			Outd	door unit: AQUE-080-V3 Indoor u	unit: AQUI-080-V3		
Air-to-water heat pump:				YES			
Water-to-water heat pump:	_			NO			
Brine-to-water heat pump:				NO			
Low-temperature heat pump:				NO			
Equipped with a supplementary he	ater:			YES			
Heat pump combination heater:				NO			
Declared climate condition:				AVERAGE			
Parameters are declared for mediu	m-temperatu	re application.					
ltem	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	ηs	125	%
Declared capacity for heating for pand outdoor temperature Tj	part load at	indoor tempera	ature 20 °C	Declared coefficient of performation temperature 20 °C and of			part load
Тj = -7 С	Pdh	6.1	kW	Tj = -7°C	COPd	2.00	-
Tj = 2°C	Pdh	3.8	kW	Tj = 2°C	COPd	3.10	-
тj = 7℃	Pdh	2.5	kW	Tj = 7 °C	COPd	4.28	-
Tj = 12 C	Pdh	2.2	kW	Tj = 12 °C	COPd	6.53	-
Tj = bivalent temperature	Pdh	6.1	kW	Tj = bivalent temperature	COPd	2.00	-
Tj = operating limit	Pdh	6.2	kW	Tj = operating limit	COPd	1.71	-
For air-to-water heat pumps: Tj = -15 C	Pdh	-	kW	For air-to-water heat pumps: $T_j = -15$ °C	COPd	-	-
Bivalent temperature	T <sub>biv</sub>	-7	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10	°C
Cycling interval capacity for heating	P <sub>cych</sub>	-	kW	Cycling interval efficiency	COP <sub>cyc</sub>	-	-
Degradation co-efficient (**)	$C_{dh}$	0.9		Heating water operating limit temperature	W <sub>TOL</sub>	60	°C
Power consumption in modes other	r than active	e mode		Supplementary heater			
Off mode	P <sub>off</sub>	0.019	kW	Rated heat output (**)	Psup	0.7	kW
Standby mode	P <sub>sb</sub>	0.019	kW	1000 1000 1000 1		<b>U.</b> 1	
Thermostat-off mode Crankcase heater mode	P <sub>to</sub>	0.051 0.014	kW kW	Type of energy input		Electrical	
	Fck	0.014	KVV				
Other items						<u>.                                      </u>	
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	_	5116	m³/h
Sound power level, indoors/ outdoors	L <sub>WA</sub>	43 / 69	dB	For water- or brine-to-water heat pumps: Rated brine or		-	m³/h
Annual energy consumption	Q <sub>HE</sub>	4475	kWh	water flow rate, outdoor heat exchanger			
For heat pump combination heater	:						
Declared load profile		-		Water heating energy efficiency	η <sub>wh</sub>	-	%
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ
Contact details	EUROFRED S.A. Cl. Marqués de Sentmenat, 97 - 08029 Barcelona - Spain MADE IN P.R.C						

Model(s):			Out	tdoor unit: AQUE-080-V3 Indoor u	ınit: AQUI-080-\	<b>/</b> 3			
Air-to-water heat pump:		YES							
Water-to-water heat pump:		NO NO							
Brine-to-water heat pump:		NO							
Low-temperature heat pump:				NO					
Equipped with a supplementary I	neater:			YES					
Heat pump combination heater:			NO						
Declared climate condition:				COLDER					
Parameters are declared for med	lium-temperati	ure application.							
tem	Symbol	Value	Unit	Item	Symbol	Value	Uı		
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	ηѕ	110	9/		
Declared capacity for heating for and outdoor temperature Tj	part load at	indoor tempera	ature 20 °C	Declared coefficient of perform indoor temperature 20 °C and			part loa		
Tj = -7 C	Pdh	4.3	kW	Tj = -7 °C	COPd	2.26			
Tj = 2°C	Pdh	2.7	kW	Tj = 2 °C	COPd	3.43			
Tj = 7°C	Pdh	2.3	kW	Tj = 7℃	COPd	4.63			
Tj = 12°C	Pdh	2.4	kW	Tj = 12°C	COPd	6.73			
Tj = bivalent temperature	Pdh	5.5	kW	Tj = bivalent temperature	COPd	1.86			
Tj = operating limit	Pdh	4.8	kW	Tj = operating limit	COPd	1.35			
For air-to-water heat pumps: Tj = -15 C	Pdh	-	kW	For air-to-water heat pumps: Tj = -15 $^{\circ}$ C	COPd	-			
Bivalent temperature	T <sub>biv</sub>	-14	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-20	°(		
Cycling interval capacity for heating	P <sub>cych</sub>	-	kW	Cycling interval efficiency	COP <sub>cyc</sub>	-			
Degradation co-efficient (**)	$C_{dh}$	0.9		Heating water operating limit temperature	W <sub>TOL</sub>	60	°(		
Power consumption in modes ot	her than acti	ve mode		Supplementary heater					
Off mode	P <sub>off</sub>	0.019	kW	Rated heat output (**)	Psup	7.0	k'		
Standby mode	P <sub>sb</sub>	0.019	kW	Rateu Heat Output ( )	FSup	7.0			
Thermostat-off mode Crankcase heater mode	P <sub>to</sub>	0.051 0.014	kW kW	Type of energy input		Electrical			
Grankcase neater mode	l ck	0.014	KVV						
Other items					1				
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	_	5116	m <sup>s</sup>		
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-	dB	For water- or brine-to-water heat pumps: Rated brine or	_	-	m		
Annual energy consumption	Q <sub>HE</sub>	6054	kWh	water flow rate, outdoor heat exchanger					
For heat pump combination heat	er:								
Declared load profile		-		Water heating energy efficiency	η <sub>wh</sub>	-	9,		
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	k۱		
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	G		
Contact details	EUROFR Cl. Marqu MADE IN	iés de Sentmer	nat, 97 - 08029	Barcelona - Spain					

			Technic	cal parameters				
Model(s):			Ou	tdoor unit: AQUE-080-V3 Indoor	unit: AQUI-080-V3			
Air-to-water heat pump:				YES				
Water-to-water heat pump:				NO				
Brine-to-water heat pump:				NO				
Low-temperature heat pump:				NO				
Equipped with a supplementary he	ater:			YES				
Heat pump combination heater:	NO							
Declared climate condition:				WARMER				
Parameters are declared for mediu	ım-temperatu	re application.						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit	
Rated heat output (*)	Prated	7	kW	Seasonal space heating energy efficiency	ηѕ	154	%	
Declared capacity for heating for pand outdoor temperature Tj	part load at	indoor tempera	ature 20 °C	Declared coefficient of perform indoor temperature 20 °C and			part load at	
Tj = -7 C	Pdh	-	kW	Tj = -7 °C	COPd	-	-	
Tj = 2°C	Pdh	7.2	kW	Tj = 2 °C	COPd	2.25	-	
Tj = 7 C	Pdh	4.7	kW	Tj = 7 °C	COPd	3.27	-	
Tj = 12℃	Pdh	2.1	kW	Tj = 12 °C	COPd	5.33	-	
Tj = bivalent temperature	Pdh	7.2	kW	Tj = bivalent temperature	COPd	2.25	-	
Tj = operating limit	Pdh	7.2	kW	Tj = operating limit	COPd	2.25	-	
For air-to-water heat pumps: Tj = -15 $^{\circ}$	Pdh	-	kW	For air-to-water heat pumps: Tj = -15 $^{\circ}$ C	COPd	-	-	
Bivalent temperature	T <sub>biv</sub>	2	°C	For air-to-water heat pumps: Operation limit temperature	TOL	2	°C	
Cycling interval capacity for heating	P <sub>cych</sub>	-	kW	Cycling interval efficiency	COP <sub>cyc</sub>	-	-	
Degradation co-efficient (**)	C <sub>dh</sub>	0.9		Heating water operating limit temperature	W <sub>TOL</sub>	60	°C	
Power consumption in modes other	er than active	mode		Supplementary heater				
Off mode	P <sub>off</sub>	0.019	kW	Rated heat output (**)	Psup	0	kW	
Standby mode	P <sub>sb</sub>	0.019	kW	rated fieat output ( )	Т Зир	U	KVV	
Thermostat-off mode Crankcase heater mode	P <sub>to</sub>	0.051 0.014	kW kW	Type of energy input		Electrical		
Claricease fleater filode	' ck	0.014	RVV					
Other items								
Capacity control		variable		For air-to-water heat pumps: Rated air flow rate, outdoors	_	5116	m³/h	
Sound power level, indoors/ outdoors	L <sub>WA</sub>	-	dB	For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat	_	-	m³/h	
Annual energy consumption	Q <sub>HE</sub>	2075	kWh	exchanger				
For heat pump combination heater	:							
Declared load profile		-		Water heating energy efficiency	$\eta_{\text{wh}}$	-	%	
Daily electricity consumption	Q <sub>elec</sub>	-	kWh	Daily fuel consumption	Q <sub>fuel</sub>	-	kWh	
Annual electricity consumption	AEC	-	kWh	Annual fuel consumption	AFC	-	GJ	
Contact details	EUROFRE CI. Marque MADE IN	és de Sentmei	l nat, 97 - 08029	Barcelona - Spain				

<sup>(\*)</sup> For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj).

(\*\*) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9.