

COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	4,0	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	2,3	kW
Degradation co-efficient	Cdh	0,95	-
Tj = + 12°C	Pdh	2,8	kW
Degradation co-efficient	Cdh	0,95	-
Tj = bivalent temperature	Pdh	4,0	kW
Tj = operation limit temperature	Pdh	3,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	3152	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	5,049	kWh
Annual electricity consumption	AEC	1011	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	128	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,03	-
Tj = + 2°C	COPd	3,27	-
Tj = + 7°C	COPd	4,30	-
Tj = + 12°C	COPd	6,00	-
Tj = bivalent temperature	COPd	2,03	-
Tj = operation limit temperature	COPd	1,38	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,2	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	101	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

Contact details	Fondital S.p.A Via Cerreto 40, 25079 Vobarno (BS) - Italy
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Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input checked="" type="checkbox"/> Colder	<input type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	3	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	1,9	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 2°C	Pdh	1,9	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,95	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,94	-
Tj = bivalent temperature	Pdh	2,7	kW
Tj = operation limit temperature	Pdh	2,3	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	2,7	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	3015	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,277	kWh
Annual electricity consumption	AEC	1252	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	95	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	1,72	-
Tj = + 2°C	COPd	3,41	-
Tj = + 7°C	COPd	5,29	-
Tj = + 12°C	COPd	6,71	-
Tj = bivalent temperature	COPd	1,35	-
Tj = operation limit temperature	COPd	1,10	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	1,35	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,7	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	4,2	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	0,95	-
Tj = bivalent temperature	Pdh	4,2	kW
Tj = operation limit temperature	Pdh	4,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	1365	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,25	kWh
Annual electricity consumption	AEC	1246	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	154	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	2,10	-
Tj = + 7°C	COPd	3,40	-
Tj = + 12°C	COPd	5,55	-
Tj = bivalent temperature	COPd	2,10	-
Tj = operation limit temperature	COPd	2,10	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	4,6	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 2°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 12°C	Pdh	2,8	kW
Degradation co-efficient	Cdh	0,94	-
Tj = bivalent temperature	Pdh	4,6	kW
Tj = operation limit temperature	Pdh	4,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	2216	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	5,049	kWh
Annual electricity consumption	AEC	1011	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	184	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	3,23	-
Tj = + 2°C	COPd	4,59	-
Tj = + 7°C	COPd	6,39	-
Tj = + 12°C	COPd	6,37	-
Tj = bivalent temperature	COPd	3,23	-
Tj = operation limit temperature	COPd	2,56	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,8	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Contact details	Water heating energy efficiency	ηwh	101	%
	Daily fuel consumption	Qfuel	-	kWh
	Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input checked="" type="checkbox"/> Colder	<input type="checkbox"/> Warmer
Temperature application	<input type="checkbox"/> Medium (55°C)	<input checked="" type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	2,4	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 2°C	Pdh	2,3	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 7°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 12°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,93	-
Tj = bivalent temperature	Pdh	3,1	kW
Tj = operation limit temperature	Pdh	2,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	3,1	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	2662	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,277	kWh
Annual electricity consumption	AEC	1252	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	145	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,68	-
Tj = + 2°C	COPd	5,34	-
Tj = + 7°C	COPd	7,04	-
Tj = + 12°C	COPd	6,90	-
Tj = bivalent temperature	COPd	2,06	-
Tj = operation limit temperature	COPd	1,19	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	2,03	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,3	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB4 (PROCIDA AWS 4 (O) + PROCIDA ITU 4)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input type="checkbox"/> Medium (55°C)	<input checked="" type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	4,8	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,93	-
Tj = bivalent temperature	Pdh	4,8	kW
Tj = operation limit temperature	Pdh	4,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	1137	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,25	kWh
Annual electricity consumption	AEC	1246	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	232	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	3,46	-
Tj = + 7°C	COPd	5,57	-
Tj = + 12°C	COPd	7,60	-
Tj = bivalent temperature	COPd	3,46	-
Tj = operation limit temperature	COPd	3,46	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input checked="" type="checkbox"/> Average	<input type="checkbox"/> Colder	<input type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	4,0	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	2,4	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 12°C	Pdh	2,8	kW
Degradation co-efficient	Cdh	0,95	-
Tj = bivalent temperature	Pdh	4,0	kW
Tj = operation limit temperature	Pdh	3,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	3169	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	5,049	kWh
Annual electricity consumption	AEC	1011	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	127	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,03	-
Tj = + 2°C	COPd	3,27	-
Tj = + 7°C	COPd	4,20	-
Tj = + 12°C	COPd	6,00	-
Tj = bivalent temperature	COPd	2,03	-
Tj = operation limit temperature	COPd	1,38	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,2	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	101	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

Contact details	Fondital S.p.A Via Cerreto 40, 25079 Vobarno (BS) - Italy
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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input checked="" type="checkbox"/> Colder	<input type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	2,4	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 2°C	Pdh	2,1	kW
Degradation co-efficient	Cdh	0,95	-
Tj = + 7°C	Pdh	2,5	kW
Degradation co-efficient	Cdh	0,95	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,94	-
Tj = bivalent temperature	Pdh	3,1	kW
Tj = operation limit temperature	Pdh	2,3	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	3,1	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	3701	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,277	kWh
Annual electricity consumption	AEC	1252	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	104	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	1,83	-
Tj = + 2°C	COPd	3,87	-
Tj = + 7°C	COPd	5,31	-
Tj = + 12°C	COPd	6,73	-
Tj = bivalent temperature	COPd	1,38	-
Tj = operation limit temperature	COPd	1,10	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	1,38	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,7	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	5,2	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	0,95	-
Tj = bivalent temperature	Pdh	5,2	kW
Tj = operation limit temperature	Pdh	5,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	1575	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,25	kWh
Annual electricity consumption	AEC	1246	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	167	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	3,52	-
Tj = + 7°C	COPd	3,49	-
Tj = + 12°C	COPd	5,67	-
Tj = bivalent temperature	COPd	3,52	-
Tj = operation limit temperature	COPd	3,52	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input		Electrical	

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	6	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	5,3	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 12°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,94	-
Tj = bivalent temperature	Pdh	5,3	kW
Tj = operation limit temperature	Pdh	4,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	2729	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	5,049	kWh
Annual electricity consumption	AEC	1011	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	179	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,81	-
Tj = + 2°C	COPd	4,68	-
Tj = + 7°C	COPd	6,22	-
Tj = + 12°C	COPd	5,72	-
Tj = bivalent temperature	COPd	2,81	-
Tj = operation limit temperature	COPd	2,56	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,8	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input checked="" type="checkbox"/> Colder	<input type="checkbox"/> Warmer
Temperature application	<input type="checkbox"/> Medium (55°C)	<input checked="" type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 2°C	Pdh	2,3	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 7°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	0,94	-
Tj = + 12°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,93	-
Tj = bivalent temperature	Pdh	3,4	kW
Tj = operation limit temperature	Pdh	2,7	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	3,4	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	2674	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,277	kWh
Annual electricity consumption	AEC	1252	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	145	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,69	-
Tj = + 2°C	COPd	5,34	-
Tj = + 7°C	COPd	7,04	-
Tj = + 12°C	COPd	6,90	-
Tj = bivalent temperature	COPd	1,98	-
Tj = operation limit temperature	COPd	1,58	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	1,98	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,3	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB6 (PROCIDA AWS 6 (O) + PROCIDA ITU 6)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input type="checkbox"/> Medium (55°C)	<input checked="" type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	5,2	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,93	-
Tj = bivalent temperature	Pdh	5,2	kW
Tj = operation limit temperature	Pdh	5,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	1136	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,25	kWh
Annual electricity consumption	AEC	1246	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	232	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	3,53	-
Tj = + 7°C	COPd	5,57	-
Tj = + 12°C	COPd	7,60	-
Tj = bivalent temperature	COPd	3,53	-
Tj = operation limit temperature	COPd	3,53	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input		Electrical	

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	82	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

Contact details

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Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	6,3	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	4,1	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	4,3	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	5,0	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	6,3	kW
Tj = operation limit temperature	Pdh	6,3	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	4371	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	5,632	kWh
Annual electricity consumption	AEC	1152	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	129	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,24	-
Tj = + 2°C	COPd	3,18	-
Tj = + 7°C	COPd	4,26	-
Tj = + 12°C	COPd	5,93	-
Tj = bivalent temperature	COPd	2,24	-
Tj = operation limit temperature	COPd	1,79	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,7	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	89	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	x Colder	o Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	4,6	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	4,2	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	4,7	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	5,9	kW
Tj = operation limit temperature	Pdh	2,9	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	5,9	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	5982	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	6,401	kWh
Annual electricity consumption	AEC	1314	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	112	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,64	-
Tj = + 2°C	COPd	3,24	-
Tj = + 7°C	COPd	4,76	-
Tj = + 12°C	COPd	5,86	-
Tj = bivalent temperature	COPd	1,77	-
Tj = operation limit temperature	COPd	1,26	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	1,77	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	4,1	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	78	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input checked="" type="checkbox"/> Medium (55°C)	<input type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	8,1	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 7°C	Pdh	5,3	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 12°C	Pdh	5,2	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	8,1	kW
Tj = operation limit temperature	Pdh	8,1	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	2645	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	4,574	kWh
Annual electricity consumption	AEC	933	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	159	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	2,52	-
Tj = + 7°C	COPd	3,38	-
Tj = + 12°C	COPd	5,42	-
Tj = bivalent temperature	COPd	2,52	-
Tj = operation limit temperature	COPd	2,52	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	110	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	6,2	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	3,9	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	3,0	kW
Degradation co-efficient	Cdh	0,95	-
Tj = + 12°C	Pdh	3,6	kW
Degradation co-efficient	Cdh	0,94	-
Tj = bivalent temperature	Pdh	6,2	kW
Tj = operation limit temperature	Pdh	5,9	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	3149	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	5,632	kWh
Annual electricity consumption	AEC	1152	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	181	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,94	-
Tj = + 2°C	COPd	4,39	-
Tj = + 7°C	COPd	6,29	-
Tj = + 12°C	COPd	8,43	-
Tj = bivalent temperature	COPd	2,94	-
Tj = operation limit temperature	COPd	2,69	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,1	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	89	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	x Colder	o Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	7	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	4,5	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 2°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	4,3	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 12°C	Pdh	4,9	kW
Degradation co-efficient	Cdh	0,96	-
Tj = bivalent temperature	Pdh	5,8	kW
Tj = operation limit temperature	Pdh	4,5	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	5,8	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	4628	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	6,401	kWh
Annual electricity consumption	AEC	1314	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	146	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	3,26	-
Tj = + 2°C	COPd	4,26	-
Tj = + 7°C	COPd	6,04	-
Tj = + 12°C	COPd	7,26	-
Tj = bivalent temperature	COPd	2,63	-
Tj = operation limit temperature	COPd	1,52	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	2,63	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	2,5	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	78	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB8 (PROCIDA AWS 8 (O) + PROCIDA ITU 8)		
Air-to-water heat pump	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Water-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Brine-to-water heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Low-temperature heat pump	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Equipped with a supplementary heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Heat pump combination heater	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Climate conditions	<input type="checkbox"/> Average	<input type="checkbox"/> Colder	<input checked="" type="checkbox"/> Warmer
Temperature application	<input type="checkbox"/> Medium (55°C)	<input checked="" type="checkbox"/> Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	8,2	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 7°C	Pdh	5,4	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 12°C	Pdh	5,1	kW
Degradation co-efficient	Cdh	0,96	-
Tj = bivalent temperature	Pdh	8,2	kW
Tj = operation limit temperature	Pdh	8,2	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyh	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/67	dB
Annual energy consumption	QHE	1947	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	4,574	kWh
Annual electricity consumption	AEC	933	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	217	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	3,58	-
Tj = + 7°C	COPd	4,84	-
Tj = + 12°C	COPd	7,08	-
Tj = bivalent temperature	COPd	3,58	-
Tj = operation limit temperature	COPd	3,58	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input		Electrical	

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	110	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	x Average	o Colder	o Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	6,9	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	4,2	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 7°C	Pdh	4,3	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	4,9	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	6,9	kW
Tj = operation limit temperature	Pdh	6,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	- 7	°C
Cycling interval capacity for heating	Pcych	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/68	dB
Annual energy consumption	QHE	5091	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	5,632	kWh
Annual electricity consumption	AEC	1152	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	127	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,12	-
Tj = + 2°C	COPd	3,09	-
Tj = + 7°C	COPd	4,34	-
Tj = + 12°C	COPd	5,91	-
Tj = bivalent temperature	COPd	2,12	-
Tj = operation limit temperature	COPd	1,75	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	- 10	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	1,2	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	89	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	x Colder	o Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	5,3	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 2°C	Pdh	3,1	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	4,2	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 12°C	Pdh	4,8	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	6,7	kW
Tj = operation limit temperature	Pdh	3,3	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	6,7	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/68	dB
Annual energy consumption	QHE	6985	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	6,401	kWh
Annual electricity consumption	AEC	1314	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	110	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	2,42	-
Tj = + 2°C	COPd	3,23	-
Tj = + 7°C	COPd	4,78	-
Tj = + 12°C	COPd	5,91	-
Tj = bivalent temperature	COPd	1,83	-
Tj = operation limit temperature	COPd	1,22	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	1,83	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	4,7	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	78	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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Model(s)	PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	o Colder	x Warmer
Temperature application	x Medium (55°C)	o Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	9,0	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 7°C	Pdh	5,9	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 12°C	Pdh	5,2	kW
Degradation co-efficient	Cdh	0,97	-
Tj = bivalent temperature	Pdh	9,0	kW
Tj = operation limit temperature	Pdh	9,0	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/68	dB
Annual energy consumption	QHE	2927	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	4,574	kWh
Annual electricity consumption	AEC	933	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	161	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	2,48	-
Tj = + 7°C	COPd	3,56	-
Tj = + 12°C	COPd	5,30	-
Tj = bivalent temperature	COPd	2,48	-
Tj = operation limit temperature	COPd	2,48	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3200	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	110	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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COMMISSION REGULATION (EU) No 813/2013 of 2 August 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for space heaters and combination heaters. ANNEX II, point 5, Table 2.

COMMISSION DELEGATED REGULATION (EU) No 811/2013 of 18 February 2013 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of space heaters, combination heaters, packages of space heater, temperature control and solar device and packages of combination heater, temperature control and solar device. ANNEX V, Table 8.

Model(s)		PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)			
Air-to-water heat pump	x Yes	o No			
Water-to-water heat pump	o Yes	x No			
Brine-to-water heat pump	o Yes	x No			
Low-temperature heat pump	o Yes	x No			
Equipped with a supplementary heater	x Yes	o No			
Heat pump combination heater	x Yes	o No			
Climate conditions	x Average	o Colder		o Warmer	
Temperature application	o Medium (55°C)	x Low (35°C)			
Applied Standards	EN14825 / EN16147				
Item	Symbol	Value	Unit		
Rated heat output	Prated	9	kW		
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj					
Tj = - 7°C	Pdh	7,7	kW		
Degradation co-efficient	Cdh	0,99	-		
Tj = + 2°C	Pdh	4,8	kW		
Degradation co-efficient	Cdh	0,98	-		
Tj = + 7°C	Pdh	3,1	kW		
Degradation co-efficient	Cdh	0,95	-		
Tj = + 12°C	Pdh	3,7	kW		
Degradation co-efficient	Cdh	0,94	-		
Tj = bivalent temperature	Pdh	7,7	kW		
Tj = operation limit temperature	Pdh	7,1	kW		
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW		
Bivalent temperature	Tbiv	- 7	°C		
Cycling interval capacity for heating	Pcyc	-	kW		
Item	Symbol	Value	Unit		
Seasonal space heating energy efficiency	ηs	181	%		
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj					
Tj = - 7°C	COPd	2,87	-		
Tj = + 2°C	COPd	4,34	-		
Tj = + 7°C	COPd	6,58	-		
Tj = + 12°C	COPd	8,37	-		
Tj = bivalent temperature	COPd	2,87	-		
Tj = operation limit temperature	COPd	2,59	-		
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-		
Operation limit temperature	TOL	- 10	°C		
Cycling interval efficiency	COPcyc	-	-		
Heating water operating limit temperature	WTOL	60	°C		
Power consumption in modes other than active mode				Supplementary heater	
Off mode	POFF	0,025	kW		
Thermostat-off mode	PTO	0,025	kW		
Standby mode	PSB	0,025	kW		
Crankcase heater mode	PCK	0,025	kW		
Rated heat output	Psup	1,9	kW		
Type of energy input	Electrical				
Other items					
Capacity control	variable				
Sound power level, indoors/ outdoors	LWA	42/68	dB		
Annual energy consumption	QHE	4038	kWh		
Rated air flow rate, outdoors	-	3300	m3/h		
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h		
For heat pump combination heater					
Declared load profile	L				
Daily electricity consumption	Qelec	5,632	kWh		
Annual electricity consumption	AEC	1152	kWh		
Water heating energy efficiency	ηwh	89	%		
Daily fuel consumption	Qfuel	-	kWh		
Annual fuel consumption	AFC	-	GJ		
Contact details	Fondital S.p.A Via Cerreto 40, 25079 Vobarno (BS) - Italy				

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Model(s)	PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	x Colder	o Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	8	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	5,2	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 2°C	Pdh	3,2	kW
Degradation co-efficient	Cdh	0,97	-
Tj = + 7°C	Pdh	4,3	kW
Degradation co-efficient	Cdh	0,96	-
Tj = + 12°C	Pdh	4,9	kW
Degradation co-efficient	Cdh	0,96	-
Tj = bivalent temperature	Pdh	6,4	kW
Tj = operation limit temperature	Pdh	5,6	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	6,4	kW
Bivalent temperature	Tbiv	- 15	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control	variable		
Sound power level, indoors/ outdoors	LWA	42/68	dB
Annual energy consumption	QHE	5201	kWh

For heat pump combination heater			
Declared load profile	L		
Daily electricity consumption	Qelec	6,401	kWh
Annual electricity consumption	AEC	1314	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	149	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	3,25	-
Tj = + 2°C	COPd	4,31	-
Tj = + 7°C	COPd	6,11	-
Tj = + 12°C	COPd	7,30	-
Tj = bivalent temperature	COPd	2,69	-
Tj = operation limit temperature	COPd	1,67	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	2,69	-
Operation limit temperature	TOL	- 22	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	2,4	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	78	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

Contact details

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Model(s)	PROCIDA AWS XB10 (PROCIDA AWS 10 (O) + PROCIDA ITU 10)		
Air-to-water heat pump	x Yes	o No	
Water-to-water heat pump	o Yes	x No	
Brine-to-water heat pump	o Yes	x No	
Low-temperature heat pump	o Yes	x No	
Equipped with a supplementary heater	x Yes	o No	
Heat pump combination heater	x Yes	o No	
Climate conditions	o Average	o Colder	x Warmer
Temperature application	o Medium (55°C)	x Low (35°C)	
Applied Standards	EN14825 / EN16147		

Item	Symbol	Value	Unit
Rated heat output	Prated	9	kW
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	Pdh	-	kW
Degradation co-efficient	Cdh	-	-
Tj = + 2°C	Pdh	8,8	kW
Degradation co-efficient	Cdh	0,99	-
Tj = + 7°C	Pdh	5,8	kW
Degradation co-efficient	Cdh	0,98	-
Tj = + 12°C	Pdh	5,1	kW
Degradation co-efficient	Cdh	0,96	-
Tj = bivalent temperature	Pdh	8,8	kW
Tj = operation limit temperature	Pdh	8,8	kW
Tj = - 15 °C (if TOL < - 20 °C)	Pdh	-	kW
Bivalent temperature	Tbiv	2	°C
Cycling interval capacity for heating	Pcyc	-	kW

Power consumption in modes other than active mode			
Off mode	POFF	0,025	kW
Thermostat-off mode	PTO	0,025	kW
Standby mode	PSB	0,025	kW
Crankcase heater mode	PCK	0,025	kW

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/68	dB
Annual energy consumption	QHE	2183	kWh

For heat pump combination heater			
Declared load profile		L	
Daily electricity consumption	Qelec	4,574	kWh
Annual electricity consumption	AEC	933	kWh

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	217	%
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj			
Tj = - 7°C	COPd	-	-
Tj = + 2°C	COPd	3,15	-
Tj = + 7°C	COPd	4,86	-
Tj = + 12°C	COPd	7,18	-
Tj = bivalent temperature	COPd	3,15	-
Tj = operation limit temperature	COPd	3,15	-
Tj = - 15 °C (if TOL < - 20 °C)	COPd	-	-
Operation limit temperature	TOL	2	°C
Cycling interval efficiency	COPcyc	-	-
Heating water operating limit temperature	WTOL	60	°C

Supplementary heater			
Rated heat output	Psup	0,0	kW
Type of energy input	Electrical		

Rated air flow rate, outdoors	-	3300	m3/h
Rated brine or water flow rate, outdoor heat exchanger	-	-	m3/h

Water heating energy efficiency	ηwh	110	%
Daily fuel consumption	Qfuel	-	kWh
Annual fuel consumption	AFC	-	GJ

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