

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 X4 (PROCIDA AWS 4 (O) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	x Average	!	o Colder	o Warmer	
Temperature application	x Medium	ı (55°C)	o Low (35°C)		
Applied Standards	EN14825				

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part lo	ad at indoor te	mperature :	20 °C and
outdoor temperature Tj			
Tj = - 7°C	Pdh	4,0	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 2°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 7°C	Pdh	2,3	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 12°C	Pdh	2,8	kW
Degradation co-efficient	Cdh	1,0	-
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	Pcych	-	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ηs	128	%
Declared coefficient of performance or pindoor temperature 20 °C and outdoor t	, ,,	ratio for pa	irt load at
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

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		

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

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

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

Contact details

Other items



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Model(s)	PROCIDA AWS X4 (PROCIDA AWS 4 (0) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	o Average	2	x Colder	o Warmer	
Temperature application	x Medium	ı (55°C)	o Low (35°C)		
Applied Standards	EN14825				

ltem	Symbol	Value	Unit
Rated heat output	Prated	3	kW
Declared capacity for heating for part lo outdoor temperature Tj	oad at indoor te	mperature 2	20 °C and
Tj = - 7°C	Pdh	1,9	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 2°C	Pdh	1,9	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,9	-
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

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				

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	

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

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

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

Contact details



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Model(s)	PROCIDA AWS X4 (PROCIDA AWS 4 (O) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	o Average	2	o Colder	x Warmer	
Temperature application	x Medium	ı (55°C)	o Low (35°C)		
Applied Standards	EN14825				

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part lo	oad at indoor te	mperature :	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	1,0	-
Tj = + 7°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 12°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	1,0	-
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

Item	Symbol	Value	Unit					
Seasonal space heating energy efficiency	ης	154	%					
Declared coefficient of performance or primary energy ratio for part load at								
indoor temperature 20 °C and outdoor to	emperature 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					

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			

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

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

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

Contact details

Other items



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Model(s)	PROCIDA AWS X4 (PROCIDA AWS 4 (O) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	x Average	1	o Colder	o Warmer	
Temperature application	o Mediun	n (55°C)	x Low (35°C)		
Applied Standards	EN14825				

Item	Symbol	Value	Unit				
Rated heat output	Prated	5	kW				
Declared capacity for heating for part load at indoor temperature 20 °C outdoor temperature Tj							
Tj = - 7°C	Pdh	4,6	kW				
Degradation co-efficient	Cdh	1,0	-				
Tj = + 2°C	Pdh	2,9	kW				
Degradation co-efficient	Cdh	1,0	-				
Tj = + 7°C	Pdh	2,6	kW				
Degradation co-efficient	Cdh	0,9	-				
Tj = + 12°C	Pdh	2,8	kW				
Degradation co-efficient	Cdh	0,9	-				
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	Pcych	-	kW				

Item	Symbol	Value	Unit					
Seasonal space heating energy efficiency	ης	184	%					
Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Ti								
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					

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	

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

,	variable	
LWA	42/62	dB
QHE	2216	kWh
	LWA	, -

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

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Model(s)			PROCIDA AWS X4 (PROCIDA AWS 4	(O) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	o Average	9	x Colder	o Warmer	
Temperature application	o Mediun	n (55°C)	x Low (35°C)		
Applied Standards	EN14825				

Item	Symbol	Value	Unit
Rated heat output	Prated	4	kW
Declared capacity for heating for part loa outdoor temperature Tj	ad at indoor te	mperature 2	20 °C and
Tj = - 7°C	Pdh	2,4	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 2°C	Pdh	2,3	kW
Degradation co-efficient	Cdh	0,9	-
Tj = + 7°C	Pdh	2,7	kW
Degradation co-efficient	Cdh	0,9	-
Tj = + 12°C	Pdh	2,6	kW
Degradation co-efficient	Cdh	0,9	-
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	Pcych	-	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ης	145	%
Declared coefficient of performance or pindoor temperature 20 °C and outdoor to	, ,,	ratio for pa	rt load at
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

Power consumption in modes o	ther than active n	node	
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

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

Other items			
Capacity control		variable	
Sound power level, indoors/ outdoors	LWA	42/62	dB
Annual energy consumption	QHE	2663	kWh

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

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Model(s)			PROCIDA AWS X4 (PROCIDA AWS 4	(O) + PROCIDA IWU 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	o Yes	x No			
Climate conditions	o Average	9	o Colder	x Warmer	
Temperature application	o Mediun	n (55°C)	x Low (35°C)		
Applied Standards	EN14825				

Item	Symbol	Value	Unit
Rated heat output	Prated	5	kW
Declared capacity for heating for part lo	ad at indoor te	mperature 2	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	1,0	-
Tj = + 7°C	Pdh	3,3	kW
Degradation co-efficient	Cdh	1,0	-
Tj = + 12°C	Pdh	2,9	kW
Degradation co-efficient	Cdh	0,9	-
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	Pcych	-	kW

Item	Symbol	Value	Unit
Seasonal space heating energy efficiency	ης	232	%
Declared coefficient of performance or p	rimary energy	ratio for pa	rt load at
indoor temperature 20 °C and outdoor to	emperature 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

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

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

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

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

Contact details