

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 X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | x Average | o Colder | o Warmer |
| Temperature application | x Medium (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 load at indoor temperature 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 | 2,4 | 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 |

| 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 |

| 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 | | |

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|-----------------|--|--|--|
| Contact details | Fondital S.p.A Via Cerreto 40, 25079 Vobarno (BS) - Italy | | |
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| Model(s) | PROCIDA AWS X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | o Average | x Colder | o Warmer |
| Temperature application | x Medium (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 load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7°C | Pdh | 2,4 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| Tj = + 2°C | Pdh | 2,1 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| Tj = + 7°C | Pdh | 2,5 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| Tj = + 12°C | Pdh | 2,9 | kW |
| Degradation co-efficient | Cdh | 0,9 | - |
| 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 | 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 | 3701 | 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 | | |

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| Model(s) | PROCIDA AWS X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | o Average | o Colder | x Warmer |
| Temperature application | x Medium (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 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 | 1,0 | - |
| Tj = + 7°C | Pdh | 3,3 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| Tj = + 12°C | Pdh | 2,7 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| 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 | Ppsych | - | 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 |

| 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 | | |

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| Model(s) | PROCIDA AWS X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | x Average | o Colder | o Warmer |
| Temperature application | o Medium (55°C) | x Low (35°C) | |
| Applied Standards | EN14825 | | |

| 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 | 1,0 | - |
| Tj = + 2°C | Pdh | 3,3 | kW |
| Degradation co-efficient | Cdh | 1,0 | - |
| Tj = + 7°C | Pdh | 2,6 | kW |
| Degradation co-efficient | Cdh | 0,9 | - |
| Tj = + 12°C | Pdh | 2,6 | kW |
| Degradation co-efficient | Cdh | 0,9 | - |
| 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 |

| 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 | | |

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| Model(s) | PROCIDA AWS X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | o Average | x Colder | o Warmer |
| Temperature application | o Medium (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 load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7°C | Pdh | 2,6 | 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 | 3,4 | 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 | 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 | 2674 | 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 | | |

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| Model(s) | PROCIDA AWS X6 (PROCIDA AWS 6 (O) + PROCIDA IWU 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 | o Yes | x No | |
| Climate conditions | o Average | o Colder | x Warmer |
| Temperature application | o Medium (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 and outdoor temperature Tj | | | |
| Tj = - 7°C | Pdh | - | kW |
| Degradation co-efficient | Cdh | - | - |
| Tj = + 2°C | Pdh | 5,2 | 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 | 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 | Ppsych | - | 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 |

| 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 | | |

| | | | |
|-----------------|--|--|--|
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