

ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 IMPLEMENTING DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

| Model Identifier(s): | ESPRIT INFINITY |
|---------------------------------|-----------------|
| Indirect heating functionality: | no |
| Direct heat output: | 13,3 |

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Indirect heat output:

| Fuel | Preferred fuel (only | Other suitable | η _s [%]: | Space heating emissions at nominal heat output (*) | | | ninal | Space heating emissions at minimum heat output (*) (**) | | | |
|--|-------------------------|-------------------|---------------------|--|-------------------|-------|------------------|---|-------------------|-------|------------------|
| | one): | fuel(s): | .12 [/ •]. | PM | OGC | со | NOx | PM | OGC | со | NO _x |
| | | | | m | g/Nm ³ | (13%0 | D ₂) | m | g/Nm ³ | (13%0 | D ₂) |
| Wood logs with moisture content ≤ 25 % | no | no | | | | | | | | | |
| Compressed wood with moisture content < 12 % | yes | no | 83 | 14 | 9 | 121 | 94 | 20 | 14 | 262 | 114 |
| Other woody biomass | no | no | | | | | | | | | |
| Non-woody biomass | no | no | | | | | | | | | |
| Anthracite and dry steam coal | no | no | | | | | | | | | |
| Hard coke | no | no | | | | | | | | | |
| Low temperature coke | no | no | | | | | | | | | |
| Bituminus coal | no | no | | | | | | | | | |
| Lignite briquettes | no | no | | | | | | | | | |
| Peat briquettes | no | no | | | | | | | | | |
| Blended fossil fuel briquettes | no | no | | | | | | | | | |
| Other fossil fuel | no | no | | | | | | | | | |
| Blended biomass and fossil fuel briquettes | no | no | | | | | | | | | |
| Other blend of biomass and solid fuel | no | no | | | | | | | | | |



Kiwa Cermet Italia S.p.A. Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl Sede legale: Via Cadriano 23, 40057 Granarolo dell'Emilia (BO) Tel. +39.051.459.3.111 - Fax +39.051.763.382 - info@kiwacermet.it - www.kiwacermet.it Pl. 00627711203 - C.F. 03502820370 - Capitale Sociale: € 1.000.000,00 i.v.



Characteristics when operating with the preferred fuel only:

| Nominal heat outputPnom13,3kWMinimum heat output (indicative)Pmin3,6kWMunimum heat output (indicative)Pmin3,6kWAuxiliary elettricity consumption (declared by the manufacturer)Type of one)Type of one)At nominal heat outputelmax elmax0,145kWAt minimum heat outputelmax elmax0,075kWIn standby modeelsB0,004kWPermanent pilot flame power requirementPpilot flame power requirementn.p.kW | Item Iten Item Iten Item Item Item | η _{th,nom} η _{th,min} om temper t, no room stages, no ol | 92,6 93,8 |
|--|---|---|-----------------------------|
| Nominal heat outputPnom13,3kWMinimum heat output (indicative)Pmin3,6kWMunimum heat output (indicative)Pmin3,6kWAuxiliary elettricity consumption (declared by the manufacturer)Type of one)Type of one)At nominal heat outputelmax min0,145kWAt minimum heat outputelmax ellmax0,075kWIn standby modeelsB one)0,004kWPermanent pilot flame power requirementPpilot m.p.n.p.kW | efficiency at heat output efficiency at heat output re) heat output/roo age heat output ture control more manual s nperature contro echanic thermos ture control | η _{th,nom} η _{th,min} om temper t, no room stages, no ol | 92,6 93,8 rature cont |
| Nominal heat outputPnom13,3kWMinimum (indicative)heat outputPmin3,6kWAuxiliary elettricity consumption (declared by the manufacturer)Type of one)At nominal heat outputelmax0,145kWAt minimum heat outputelmax0,075kWIn standby modeelsB0,004kWPermanent pilot flame power requirementPpilotn.p.kW | heat output efficiency at heat output /e) heat output/roo age heat output/ ture control more manual s nperature contro echanic thermos ture control | η _{th,min} om temper t, no room stages, no ol | 93,8 rature cont |
| MinimumheatoutputPmin3,6kWAuxiliary elettricity consumption (declared by the manufacturer)Type of one)At nominal heat outputelmax0,145kWAt minimum heat outputelmax0,075kWIn standby modeelsB0,004kWPermanent pilot flame power requirement (if applicable)Ppilotn.p.kW | h heat output /e) heat output/roc age heat output ture control more manual s nperature contro echanic thermos ture control | om temper t, no room stages, no ol | no |
| Auxiliary elettricity consumption (declared by the manufacturer) Type of one) At nominal heat output el _{max} 0,145 kW At minimum heat output el _{min} 0,075 kW In standby mode el _{SB} 0,004 kW Permanent pilot flame power requirement with ele control with ele control | heat output/roo age heat output ture control more manual s nperature contro echanic thermos ture control | t, no room stages, no | no |
| At nominal heat output elmax 0,145 kW At minimum heat output elmin 0,075 kW In standby mode elsB 0,004 kW Permanent pilot flame power requirement with elecontrol Pilot flame power (if applicable) Ppilot n.p. kW | ture control more manual s nperature contro echanic thermos ture control | tages, no l | - |
| At nominal near output elmax 0,145 kW At minimum heat output elmin 0,075 kW In standby mode elsB 0,004 kW Permanent pilot flame power requirement with elecontrol Pilot flame power Ppilot n.p. kW | ture control more manual s nperature contro echanic thermos ture control | tages, no l | - |
| At minimum neat output el _{min} 0,075 kW In standby mode el _{SB} 0,004 kW Permanent pilot flame power requirement with ele control Pilot flame power requirement (if applicable) P _{pilot} n.p. kW | nperature contro echanic thermos ture control | bl | no |
| In standby mode els 0,004 kW Permanent pilot flame power requirement with ele control Pilot flame power requirement (if applicable) Ppilot n.p. kW | ture control | stat room | |
| Permanent pliot flame power requirement control Pilot flame power (if applicable) P _{pilot} n.p. kW control p | tronic room te | | yes |
| Pilot flame power Pilot flame power Pilot flame power (if applicable) P _{pilot} n.p. kW control p | | mpearture | no |
| | tronic room te lus day timer | mpearture | no |
| | tronic room te | mpearture | no |
| | ontrol options (| multiple se | elections p |
| | emperature con e detector | ntrol, with | no |
| | emperature con ndow detection | ntrol, with | no |
| with dista | ance control opti | ion | no |
| Contact details Name and address of the manufacturer of | or its authoris | ed repres | entative |
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| export@thermorossi.it www.thermorossi.com | · · | , | |
| (*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbo (**) Only required if correction factors F(2) or F(3) are applied | on monoxide, NC | D _x = nitroge | en oxides |
| Note: | | | |
| F(2) 2 | | | |
| F(3) 0 | | | |

Technical report ref. 2011743

Approved by Maurizio Lorenzon Industry Division Manager

Maurtz crenton



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