| Information requirements |
|---|

This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011. Information to identify the model(s) to which the information relates to:

|  | |
|---|---|
| | AIR CONDITIONER |
| TYPE | : SPLIT |
| | WALL-MOUNTED |
| Indoor unit(s) | : FSAIF-SU-241AE2 |
| Outdoor unit | : FSOAIF-SU-241AE2 |
| Brand | : FISHER |

| Function (indicate if present) | | if fuction includes heating : Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. | |
|---|---|---|---|
| cooling | Y | Average (mandatory) | Y |
| heating | Y | Warmer (if designated) | N |
| | | Colder (if designated) | N |

| Item | symbol | value | unit | Item | symbol | value | unit |
|---|---|---|---|---|---|---|---|
| Design load | | | | Seasonal efficiency | | | |
| cooling | Pdesignc | 7,0 | kW | cooling | SEER | 6,1 | - |
| heating/Average | Pdesignh | 5,4 | kW | heating/Average | SCOP/A | 4,0 | - |
| heating/Warmer | Pdesignh | 6,3 | kW | heating/Warmer | SCOP/W | 5,1 | - |
| heating/Colder | Pdesignh | x,x | kW | heating/Colder | SCOP/C | x,x | - |
| Declared capacity(*) for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj | | | | Declared energy efficiency ratio(*), at indoor temperature 27(19)℃ and outdoor temperature Tj | | | |

| Item | symbol | value | unit | Item | symbol | value | unit |
|---|---|---|---|---|---|---|---|
| Tj = 35℃ | Pdc | 7,000 | kW | Tj = 35℃ | EERd | 2,93 | - |
| Tj = 30℃ | Pdc | 4,968 | kW | Tj = 30℃ | EERd | 4,41 | - |
| Tj = 25℃ | Pdc | 3,038 | kW | Tj = 25℃ | EERd | 7,23 | - |
| Tj = 20℃ | Pdc | 2,601 | kW | Tj = 20℃ | EERd | 11,36 | - |
| Declared capacity(*) for heating/Average season, at indoor temperature 20℃ and outdoor temperature Tj | | | | Declared coefficient of performance(*)/Average season, at indoor temperature 20℃ and outdoor temperature Tj | | | |

| Item | symbol | value | unit | Item | symbol | value | unit |
|---|---|---|---|---|---|---|---|
| Tj = -7℃ | Pdh | 4,777 | kW | Tj = -7℃ | COPd | 2,54 | - |
| Tj = 2℃ | Pdh | 2,977 | kW | Tj = 2℃ | COPd | 3,86 | - |
| Tj = 7℃ | Pdh | 1,995 | kW | Tj = 7℃ | COPd | 5,54 | - |
| Tj = 12℃ | Pdh | 2,130 | kW | Tj = 12℃ | COPd | 6,64 | - |
| Tj = bivalent temperature | Pdh | 4,777 | kW | Tj = bivalent temperature | COPd | 2,54 | - |
| Tj = operating limit | Pdh | 4,338 | kW | Tj = operating limit | COPd | 1,91 | - |
| Declared capacity(*) for heating/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj | | | | Declared coefficient of performance(*)/Warmer season, at indoor temperature 20℃ and outdoor temperature Tj | | | |

| Item | symbol | value | unit | Item | symbol | value | unit |
|---|---|---|---|---|---|---|---|
| Tj = 2℃ | Pdh | 6,300 | kW | Tj = 2℃ | COPd | 2,35 | - |
| Tj = 7℃ | Pdh | 4,231 | kW | Tj = 7℃ | COPd | 4,60 | - |
| Tj = 12℃ | Pdh | 2,153 | kW | Tj = 12℃ | COPd | 6,69 | - |
| Tj = bivalent temperature | Pdh | 6,300 | kW | Tj = bivalent temperature | COPd | 2,35 | - |
| Tj = operating limit | Pdh | 6,300 | kW | Tj = operating limit | COPd | 2,35 | - |

| Declared capacity(*) for heating/Colder season, at indoor temperature 20℃ and outdoor temperature Tj | | | | Declared coefficient of performance(*)/Colder season, at indoor temperature 20℃ and outdoor temperature Tj | | | |
|---|---|---|---|---|---|---|---|
| Item | symbol | value | unit | Item | symbol | value | unit |
| Tj = -7℃ | Pdh | x,x | kW | Tj = -7℃ | COPd | x,x | - |
| Tj = 2℃ | Pdh | x,x | kW | Tj = 2℃ | COPd | x,x | - |
| Tj = 7℃ | Pdh | x,x | kW | Tj = 7℃ | COPd | x,x | - |
| Tj = 12℃ | Pdh | x,x | kW | Tj = 12℃ | COPd | x,x | - |
| Tj = bivalent temperature | Pdh | x,x | kW | Tj = bivalent temperature | COPd | x,x | - |
| Tj = operating limit | Pdh | x,x | kW | Tj = operating limit | COPd | x,x | - |
| Tj = -20℃ | Pdh | x,x | kW | Tj = -20℃ | COPd | x,x | - |
| Bivalent temperature | | | | Operating limit temperature | | | |
| heating/Average | Tbiv | -7 | ℃ | heating/Average | Tol | -15 | ℃ |
| heating/Warmer | Tbiv | 2 | ℃ | heating/Warmer | Tol | 2 | ℃ |
| heating/Colder | Tbiv | x | ℃ | heating/Colder | Tol | x | ℃ |
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| for cooling | Pcycc | x,x | kW | heating/Average | EERcyc | x,x | - |
| for heating | Pcych | x,x | kW | heating/Warmer | COPcyc | x,x | - |
| Degradation co-efficient cooling | Cdc | 0,25 | - | Degradation co-efficient heating | Cdc | 0,25 | - |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| off mode | Poff | 0,001 | kW | cooling | $Q_{CE}$ | 402 | kWh/a |
| standby mode | Psb | 0,001 | kW | heating/Average | Qhe | 1890 | kWh/a |
| thermostat-off mode | Pto | 0,0216 | kW | heating/Warmer | Qhe | 1729 | kWh/a |
| crankcase heater mode | Pck | 0 | kW | heating/Colder | Qhe | x | kWh/a |
| Capacity control(indicate one of the options) | | | | Other items | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| fixed | | N | | Sound power level (indoor/outdoor) | LWA | 59/65 | dB(A) |
| staged | | N | | Global warning potential | GWP | 2088 | $kgCO_2$ eq |
| variable | | Y | | Rated air flow (indoor/outdoor) | - | 980/2700 | m³/h |
| Contact details for obtaining more information | Address: No. 6 Midea Avenue, Beijiao, Shunde, Foshan City, Guangdong Province, P.R. China 528311 Telephone: +86 (0757)26338888 Fax: +86 (0757)26654011 | | | | | | |