

## Product Fiche

| Trademark                                                                | FERROLI               |             |         |     |     |  |
|--------------------------------------------------------------------------|-----------------------|-------------|---------|-----|-----|--|
| Indoor model                                                             | GIADA-C IDU DUCT 12   |             |         |     |     |  |
| Outdoor model                                                            | GIADA-C ODU S 12      |             |         |     |     |  |
| Description                                                              | Symbol                | Unit        | Value   |     |     |  |
| Sound power level at standard rating conditions.                         | <i>LWA</i>            | [dB(A)]     | 52      |     |     |  |
|                                                                          |                       |             | 62      |     |     |  |
| Refrigerant type                                                         | -                     | -           | R32     |     |     |  |
| GWP (1)                                                                  | -                     | [kgCO2 eq.] | 675     |     |     |  |
| SEER                                                                     | -                     | -           | 6,5     |     |     |  |
| Energy efficiency class in cooling                                       | -                     | -           | A++     |     |     |  |
| Annual electricity consumption in cooling (2)                            | -                     | [kWh/a]     | 188     |     |     |  |
| Design load in cooling mode                                              | <i>Pdesignc</i>       | [kW]        | 3,5     |     |     |  |
| SCOP (average heating season)                                            | <i>SCOP/A</i>         | -           | 4,1     |     |     |  |
| Energy efficiency class in heating (average season)                      | -                     | -           | A+      |     |     |  |
| Annual electricity consumption in heating                                | -                     | [kWh/a]     | 922     |     |     |  |
| Warmer heating season                                                    | -                     | -           | Y       |     |     |  |
| Colder heating season                                                    | -                     | -           | N       |     |     |  |
| Design load in heating mode (average season)                             | <i>Pdesignh</i>       | [kW]        | 2,7     |     |     |  |
| Declared capacity at reference design condition (heating average season) | -                     | [kW]        | 2,5     |     |     |  |
| Back up heating capacity at reference design condition (heating average  | -                     | [kW]        | 0,17    |     |     |  |
| Rated current for cooling                                                | -                     | [A]         | 4,8     |     |     |  |
| Rated current for heating                                                | -                     | [A]         | 4,0     |     |     |  |
| Rated capacity for cooling (Rated - min - max)                           | <i>Prated cooling</i> | [kW]        | 0,5     | 3,5 | 3,9 |  |
| Rated capacity for heating (Rated - min - max)                           | <i>Prated heating</i> | [kW]        | 1,0     | 3,4 | 4,5 |  |
| Rated power input for cooling (Rated - min - max)                        | <i>PEER</i>           | [kW]        | 0,2     | 1,1 | 1,5 |  |
| Rated power input for heating (Rated - min - max)                        | <i>PCOP</i>           | [kW]        | 0,3     | 0,9 | 1,4 |  |
| Rated Energy efficiency ratio                                            | <i>EERd</i>           | -           | 3,2     |     |     |  |
| Rated Coefficient of performance                                         | <i>COPd</i>           | -           | 3,7     |     |     |  |
| Voltage - Frequency - Phase no.                                          | -                     | [V-Hz-Ph]   | 220/240 | 50  | 1   |  |

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

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| Trademark                                                                | FERROLI               |             |         |     |     |  |
|--------------------------------------------------------------------------|-----------------------|-------------|---------|-----|-----|--|
| Indoor model                                                             | GIADA-C IDU DUCT 18   |             |         |     |     |  |
| Outdoor model                                                            | GIADA-C ODU S 18      |             |         |     |     |  |
| Description                                                              | Symbol                | Unit        | Value   |     |     |  |
| Sound power level at standard rating conditions.                         | indoor                | <i>LWA</i>  | [dB(A)] | 53  |     |  |
|                                                                          | outdoor               |             |         | 62  |     |  |
| Refrigerant type                                                         | -                     | -           | R32     |     |     |  |
| GWP (1)                                                                  | -                     | [kgCO2 eq.] | 675     |     |     |  |
| SEER                                                                     | -                     | -           | 6,5     |     |     |  |
| Energy efficiency class in cooling                                       | -                     | -           | A++     |     |     |  |
| Annual electricity consumption in cooling (2)                            | -                     | [kWh/a]     | 285     |     |     |  |
| Design load in cooling mode                                              | <i>Pdesignc</i>       | [kW]        | 5,3     |     |     |  |
| SCOP (average heating season)                                            | <i>SCOP/A</i>         | -           | 4,1     |     |     |  |
| Energy efficiency class in heating (average season)                      | -                     | -           | A+      |     |     |  |
| Annual electricity consumption in heating                                | -                     | [kWh/a]     | 1468    |     |     |  |
| Warmer heating season                                                    | -                     | -           | Y       |     |     |  |
| Colder heating season                                                    | -                     | -           | N       |     |     |  |
| Design load in heating mode (average season)                             | <i>Pdesignh</i>       | [kW]        | 4,3     |     |     |  |
| Declared capacity at reference design condition (heating average season) | -                     | [kW]        | 3,8     |     |     |  |
| Back up heating capacity at reference design condition (heating average  | -                     | [kW]        | 0,48    |     |     |  |
| Rated current for cooling                                                | -                     | [A]         | 7,1     |     |     |  |
| Rated current for heating                                                | -                     | [A]         | 7,2     |     |     |  |
| Rated capacity for cooling (Rated - min - max)                           | <i>Prated cooling</i> | [kW]        | 1,3     | 5,3 | 6,2 |  |
| Rated capacity for heating (Rated - min - max)                           | <i>Prated heating</i> | [kW]        | 1,5     | 6,0 | 6,3 |  |
| Rated power input for cooling (Rated - min - max)                        | <i>PEER</i>           | [kW]        | 0,4     | 1,6 | 2,1 |  |
| Rated power input for heating (Rated - min - max)                        | <i>PCOP</i>           | [kW]        | 0,5     | 1,6 | 1,9 |  |
| Rated Energy efficiency ratio                                            | <i>EERd</i>           | -           | 3,3     |     |     |  |
| Rated Coefficient of performance                                         | <i>COPd</i>           | -           | 3,7     |     |     |  |
| Voltage - Frequency - Phase no.                                          | -                     | [V-Hz-Ph]   | 220/240 | 50  | 1   |  |

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

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|--------------------------------------------------------------------------|---------------------|-------------|---------|-----|-----|--|
| Indoor model                                                             | GIADA-C IDU DUCT 24 |             |         |     |     |  |
| Outdoor model                                                            | GIADA-C ODU S 24    |             |         |     |     |  |
| Description                                                              | Symbol              | Unit        | Value   |     |     |  |
| Sound power level at standard rating conditions.                         | $LWA$               | [dB(A)]     | 56      |     |     |  |
|                                                                          |                     |             | 69      |     |     |  |
| Refrigerant type                                                         | -                   | -           | R32     |     |     |  |
| GWP (1)                                                                  | -                   | [kgCO2 eq.] | 675     |     |     |  |
| SEER                                                                     | -                   | -           | 6,6     |     |     |  |
| Energy efficiency class in cooling                                       | -                   | -           | A++     |     |     |  |
| Annual electricity consumption in cooling (2)                            | -                   | [kWh/a]     | 377     |     |     |  |
| Design load in cooling mode                                              | $P_{designc}$       | [kW]        | 7,1     |     |     |  |
| SCOP (average heating season)                                            | $SCOP/A$            | -           | 4,2     |     |     |  |
| Energy efficiency class in heating (average season)                      | -                   | -           | A+      |     |     |  |
| Annual electricity consumption in heating                                | -                   | [kWh/a]     | 1867    |     |     |  |
| Warmer heating season                                                    | -                   | -           | Y       |     |     |  |
| Colder heating season                                                    | -                   | -           | N       |     |     |  |
| Design load in heating mode (average season)                             | $P_{designh}$       | [kW]        | 5,6     |     |     |  |
| Declared capacity at reference design condition (heating average season) | -                   | [kW]        | 5,3     |     |     |  |
| Back up heating capacity at reference design condition (heating average  | -                   | [kW]        | 0,33    |     |     |  |
| Rated current for cooling                                                | -                   | [A]         | 9,6     |     |     |  |
| Rated current for heating                                                | -                   | [A]         | 9,0     |     |     |  |
| Rated capacity for cooling (Rated - min - max)                           | $Prated\ cooling$   | [kW]        | 3,2     | 7,0 | 7,9 |  |
| Rated capacity for heating (Rated - min - max)                           | $Prated\ heating$   | [kW]        | 2,8     | 8,0 | 8,6 |  |
| Rated power input for cooling (Rated - min - max)                        | $PEER$              | [kW]        | 0,8     | 2,2 | 2,9 |  |
| Rated power input for heating (Rated - min - max)                        | $PCOP$              | [kW]        | 0,6     | 2,0 | 2,5 |  |
| Rated Energy efficiency ratio                                            | $EERd$              | -           | 3,2     |     |     |  |
| Rated Coefficient of performance                                         | $COPd$              | -           | 4,0     |     |     |  |
| Voltage - Frequency - Phase no.                                          | -                   | [V-Hz-Ph]   | 220/240 | 50  | 1   |  |

(1) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

(2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

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|--------------------------------------------------------------------------|-----------------------|-------------|---------|-----|------|--|
| Indoor model                                                             | GIADA-C IDU DUCT 30   |             |         |     |      |  |
| Outdoor model                                                            | GIADA-C ODU S 30      |             |         |     |      |  |
| Description                                                              | Symbol                | Unit        | Value   |     |      |  |
| Sound power level at standard rating conditions.                         | indoor                | <i>LWA</i>  | [dB(A)] | 60  |      |  |
|                                                                          | outdoor               |             |         | 70  |      |  |
| Refrigerant type                                                         | -                     | -           | R32     |     |      |  |
| GWP (1)                                                                  | -                     | [kgCO2 eq.] | 675     |     |      |  |
| SEER                                                                     | -                     | -           | 6,6     |     |      |  |
| Energy efficiency class in cooling                                       | -                     | -           | A++     |     |      |  |
| Annual electricity consumption in cooling (2)                            | -                     | [kWh/a]     | 467     |     |      |  |
| Design load in cooling mode                                              | <i>Pdesignc</i>       | [kW]        | 8,8     |     |      |  |
| SCOP (average heating season)                                            | <i>SCOP/A</i>         | -           | 4,2     |     |      |  |
| Energy efficiency class in heating (average season)                      | -                     | -           | A+      |     |      |  |
| Annual electricity consumption in heating                                | -                     | [kWh/a]     | 2667    |     |      |  |
| Warmer heating season                                                    | -                     | -           | Y       |     |      |  |
| Colder heating season                                                    | -                     | -           | N       |     |      |  |
| Design load in heating mode (average season)                             | <i>Pdesignh</i>       | [kW]        | 8,0     |     |      |  |
| Declared capacity at reference design condition (heating average season) | -                     | [kW]        | 6,6     |     |      |  |
| Back up heating capacity at reference design condition (heating average  | -                     | [kW]        | 1,36    |     |      |  |
| Rated current for cooling                                                | -                     | [A]         | 11,8    |     |      |  |
| Rated current for heating                                                | -                     | [A]         | 10,6    |     |      |  |
| Rated capacity for cooling (Rated - min - max)                           | <i>Prated cooling</i> | [kW]        | 2,2     | 8,6 | 10,0 |  |
| Rated capacity for heating (Rated - min - max)                           | <i>Prated heating</i> | [kW]        | 2,7     | 9,4 | 10,0 |  |
| Rated power input for cooling (Rated - min - max)                        | <i>PEER</i>           | [kW]        | 0,2     | 2,7 | 3,5  |  |
| Rated power input for heating (Rated - min - max)                        | <i>PCOP</i>           | [kW]        | 0,4     | 2,4 | 2,5  |  |
| Rated Energy efficiency ratio                                            | <i>EERd</i>           | -           | 3,2     |     |      |  |
| Rated Coefficient of performance                                         | <i>COPd</i>           | -           | 3,9     |     |      |  |
| Voltage - Frequency - Phase no.                                          | -                     | [V-Hz-Ph]   | 220/240 | 50  | 1    |  |

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|--------------------------------------------------------------------------|---------------------|-------------|---------|------|------|--|
| Indoor model                                                             | GIADA-C IDU DUCT 36 |             |         |      |      |  |
| Outdoor model                                                            | GIADA-C ODU S 36    |             |         |      |      |  |
| Description                                                              | Symbol              | Unit        | Value   |      |      |  |
| Sound power level at standard rating conditions.                         | indoor              | $LWA$       | [dB(A)] | 62   |      |  |
|                                                                          | outdoor             |             |         | 70   |      |  |
| Refrigerant type                                                         | -                   | -           | R32     |      |      |  |
| GWP (1)                                                                  | -                   | [kgCO2 eq.] | 675     |      |      |  |
| SEER                                                                     | -                   | -           | 6,3     |      |      |  |
| Energy efficiency class in cooling                                       | -                   | -           | A++     |      |      |  |
| Annual electricity consumption in cooling (2)                            | -                   | [kWh/a]     | 583     |      |      |  |
| Design load in cooling mode                                              | $P_{designc}$       | [kW]        | 10,5    |      |      |  |
| SCOP (average heating season)                                            | $SCOP/A$            | -           | 4,1     |      |      |  |
| Energy efficiency class in heating (average season)                      | -                   | -           | A+      |      |      |  |
| Annual electricity consumption in heating                                | -                   | [kWh/a]     | 2868    |      |      |  |
| Warmer heating season                                                    | -                   | -           | Y       |      |      |  |
| Colder heating season                                                    | -                   | -           | N       |      |      |  |
| Design load in heating mode (average season)                             | $P_{designh}$       | [kW]        | 8,4     |      |      |  |
| Declared capacity at reference design condition (heating average season) | -                   | [kW]        | 7,7     |      |      |  |
| Back up heating capacity at reference design condition (heating average  | -                   | [kW]        | 0,74    |      |      |  |
| Rated current for cooling                                                | -                   | [A]         | 13,6    |      |      |  |
| Rated current for heating                                                | -                   | [A]         | 12,2    |      |      |  |
| Rated capacity for cooling (Rated - min - max)                           | $Prated\ cooling$   | [kW]        | 2,8     | 9,8  | 11,7 |  |
| Rated capacity for heating (Rated - min - max)                           | $Prated\ heating$   | [kW]        | 2,8     | 10,3 | 12,6 |  |
| Rated power input for cooling (Rated - min - max)                        | $PEER$              | [kW]        | 0,9     | 3,0  | 4,3  |  |
| Rated power input for heating (Rated - min - max)                        | $PCOP$              | [kW]        | 0,8     | 2,8  | 4,0  |  |
| Rated Energy efficiency ratio                                            | $EERd$              | -           | 3,2     |      |      |  |
| Rated Coefficient of performance                                         | $COPd$              | -           | 3,7     |      |      |  |
| Voltage - Frequency - Phase no.                                          | -                   | [V-Hz-Ph]   | 220/240 | 50   | 1    |  |

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| Indoor model                                                             | GIADA-C IDU DUCT 36   |             |         |      |      |  |
| Outdoor model                                                            | GIADA-C ODU S 36T     |             |         |      |      |  |
| Description                                                              | Symbol                | Unit        | Value   |      |      |  |
| Sound power level at standard rating conditions.                         | <i>LWA</i>            | [dB(A)]     | 62      |      |      |  |
|                                                                          |                       |             | 70      |      |      |  |
| Refrigerant type                                                         | -                     | -           | R32     |      |      |  |
| GWP (1)                                                                  | -                     | [kgCO2 eq.] | 675     |      |      |  |
| SEER                                                                     | -                     | -           | 6,1     |      |      |  |
| Energy efficiency class in cooling                                       | -                     | -           | A++     |      |      |  |
| Annual electricity consumption in cooling (2)                            | -                     | [kWh/a]     | 608     |      |      |  |
| Design load in cooling mode                                              | <i>Pdesignc</i>       | [kW]        | 10,6    |      |      |  |
| SCOP (average heating season)                                            | <i>SCOP/A</i>         | -           | 4,0     |      |      |  |
| Energy efficiency class in heating (average season)                      | -                     | -           | A+      |      |      |  |
| Annual electricity consumption in heating                                | -                     | [kWh/a]     | 3080    |      |      |  |
| Warmer heating season                                                    | -                     | -           | Y       |      |      |  |
| Colder heating season                                                    | -                     | -           | N       |      |      |  |
| Design load in heating mode (average season)                             | <i>Pdesignh</i>       | [kW]        | 8,8     |      |      |  |
| Declared capacity at reference design condition (heating average season) | -                     | [kW]        | 7,8     |      |      |  |
| Back up heating capacity at reference design condition (heating average  | -                     | [kW]        | 1,03    |      |      |  |
| Rated current for cooling                                                | -                     | [A]         | 4,4     |      |      |  |
| Rated current for heating                                                | -                     | [A]         | 4,3     |      |      |  |
| Rated capacity for cooling (Rated - min - max)                           | <i>Prated cooling</i> | [kW]        | 2,7     | 9,2  | 11,7 |  |
| Rated capacity for heating (Rated - min - max)                           | <i>Prated heating</i> | [kW]        | 2,8     | 10,1 | 12,8 |  |
| Rated power input for cooling (Rated - min - max)                        | <i>PEER</i>           | [kW]        | 0,9     | 2,8  | 4,2  |  |
| Rated power input for heating (Rated - min - max)                        | <i>PCOP</i>           | [kW]        | 0,8     | 2,7  | 4,0  |  |
| Rated Energy efficiency ratio                                            | <i>EERd</i>           | -           | 3,3     |      |      |  |
| Rated Coefficient of performance                                         | <i>COPd</i>           | -           | 3,8     |      |      |  |
| Voltage - Frequency - Phase no.                                          | -                     | [V-Hz-Ph]   | 220/240 | 50   | 1    |  |

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