

|                                                                                                                                                                                 |                                                                       |                                                      |                                                         |       |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------|-------|-------------------------------|
| <div></div> <div><b>PRODUCT TECHNICAL DATASHEET</b><br/><b>(SCHEDA TECNICA PRODOTTO)</b></div> |                                                                       | rev. 5.0                                             |                                                         |       |                               |
|                                                                                                                                                                                 |                                                                       | 12/11/2025                                           |                                                         |       |                               |
|                                                                                                                                                                                 |                                                                       | DATASHEET CODE (CODICE SCHEDA)                       |                                                         |       |                               |
|                                                                                                                                                                                 |                                                                       | 785505501                                            |                                                         |       |                               |
| TYPE OF UNIT                                                                                                                                                                    |                                                                       | UNIT PART NR (CODICE MACCHINA)                       |                                                         |       |                               |
| CCE6301 2400 WT CE VAR                                                                                                                                                          |                                                                       | 42130245009                                          |                                                         |       |                               |
| WEIGHT WITHOUT FLUID<br>(MASSA SENZA FLUIDO) [ Kg ]                                                                                                                             | NOISE LEVEL (RUMORE) [Db]                                             | COLOUR (COLORE)                                      | PED CATEGORY (CATEGORIA PED)                            |       |                               |
| 72                                                                                                                                                                              | 68                                                                    | RAL 7035                                             | I                                                       |       |                               |
| AMBIENT CONDITIONS (CONDIZIONI AMBIENTE)                                                                                                                                        |                                                                       |                                                      |                                                         |       |                               |
| MIN AMBIENT TEMPERATURE<br>(MIN TEMPERATURA AMBIENTE) [°C]                                                                                                                      | MAX AMBIENT TEMPERATURE<br>(MAX TEMPERATURA AMBIENTE) [°C]            | MAX RELATIVE HUMIDITY<br>(MAX UMIDITA' RELATIVA) [%] |                                                         |       |                               |
| 15                                                                                                                                                                              | 50                                                                    | 80                                                   |                                                         |       |                               |
| REFRIGERATION CIRCUIT (CIRCUITO FRIGORIFERO)                                                                                                                                    |                                                                       |                                                      |                                                         |       |                               |
| COOLING CAPACITY<br>(POTENZA DISSIPATA) [Kw]                                                                                                                                    | REFRIGERANT GROUP<br>(GRUPPO REFRIGERANTE)                            | REFRIGERANT TYPE<br>(TIPO GAS)                       | REFRIGERANT CHARGE<br>(CARICA GAS) [ Kg ]               |       |                               |
| 2,4                                                                                                                                                                             | 2                                                                     | R513A                                                | 0,83                                                    |       |                               |
| MIN PRESSURE PS<br>(MIN PRESSIONE PS) [bar]                                                                                                                                     | MAX PRESSURE PS<br>(MAX PRESSIONE PS) [bar]                           | MIN TEMPERATURE TS<br>(MIN TEMPERATURA TS) [°C]      | MAX TEMPERATURE TS<br>(MAX TEMPERATURA TS) [°C]         |       |                               |
| 0,5                                                                                                                                                                             | 26                                                                    | -20                                                  | 80                                                      |       |                               |
| HYDRAULIC CIRCUIT (CIRCUITO IDRAULICO)                                                                                                                                          |                                                                       |                                                      |                                                         |       |                               |
| COOLING FLUID TYPE<br>(TIPO FLUIDO USATO)                                                                                                                                       | COOLING FLUID SET POINT RANGE<br>RANGE DEL SET POINT IMPOSTABILE [°C] | TANK VOLUME<br>CAPACITA' SERBATOIO [L]               | STD FACTORY SET POINT<br>STD SET POINT DI FABBRICA [°C] |       |                               |
| WATER + GLYCOL 20%                                                                                                                                                              | 13 ... 35                                                             | 10                                                   | 18                                                      |       |                               |
| TYPE OF PUMP<br>(TIPO DI POMPA)                                                                                                                                                 | NOMINAL FLOW RATE<br>(PORTATA NOMINALE) [L/min]                       | NOMINAL PRESSURE<br>(PRESSIONE NOMINALE) 50 Hz [bar] | NOMINAL PRESSURE<br>(PRESSIONE NOMINALE) 60 Hz [bar]    |       |                               |
| PERIPHERICAL/PERIPHERAL                                                                                                                                                         | 10                                                                    | 2                                                    | 4,6                                                     |       |                               |
| ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)                                                                                                                                         |                                                                       |                                                      |                                                         |       |                               |
| POWER SUPPLY (ALIMENTAZIONE)<br>[ V / ph / Hz ]                                                                                                                                 | CONTROL CIRCUIT<br>(CIRCUITO DI COMANDO)                              | ELECTRIC HEATER<br>(RESISTENZA) [W]                  | SCCR [kA]                                               |       |                               |
| 230/1/50-230/1/60                                                                                                                                                               | 24V AC                                                                | -                                                    | 5                                                       |       |                               |
| MAX POWER INPUT [kW] - CURRENT INPUT [A] (ASSORBIMENTI MASSIMI)                                                                                                                 |                                                                       |                                                      |                                                         |       |                               |
| 1,60 [kW] (50Hz)                                                                                                                                                                |                                                                       | 1,90 [kW] (60Hz)                                     |                                                         |       |                               |
| 8 [A] (50Hz)                                                                                                                                                                    |                                                                       | 10 [A] (60Hz)                                        |                                                         |       |                               |
| SCHEMES (SCHEMI)                                                                                                                                                                |                                                                       | HYDRAULIC DIAGRAM                                    | ELECTRICAL DIAGRAM                                      |       |                               |
|                                                                                                                                                                                 |                                                                       | 70006-308                                            | 70010-543                                               |       |                               |
| INSTALLED FEATURES (OPZIONI INSTALLATE)                                                                                                                                         |                                                                       |                                                      |                                                         |       |                               |
| CONFIGURATION HSP                                                                                                                                                               |                                                                       |                                                      |                                                         |       |                               |
| ACCESSORIES (EXTERNAL TO THE CHILLER, INSTALLATION BY CUSTOMER)<br>ACCESSORI (INSTALLAZIONE ESTERNAMENTE AL CHILLER A CURA DEL CLIENTE)                                         |                                                                       | INSTALLED FEATURES<br>(OPZIONI INSTALLATE)           |                                                         |       |                               |
| ACRONYM<br>(ACRONIMO)                                                                                                                                                           | DESCRIPTION<br>(DESCRIZIONE)                                          | ELECTRICAL<br>DIAGRAM                                | HYDRAULIC<br>DIAGRAM                                    | OTHER | DESCRIPTION<br>(DESCRIZIONE)  |
|                                                                                                                                                                                 |                                                                       | BPG                                                  | BPG                                                     |       | Hot-Gas By-pass               |
|                                                                                                                                                                                 |                                                                       |                                                      | BPH                                                     |       | Hydraulic relief valve        |
|                                                                                                                                                                                 |                                                                       | CP                                                   |                                                         |       | 1 connector power+alarm       |
|                                                                                                                                                                                 |                                                                       | MSB                                                  | MSB                                                     |       | Black Main Switch             |
|                                                                                                                                                                                 |                                                                       | EL                                                   | EL                                                      |       | Electric Level                |
|                                                                                                                                                                                 |                                                                       | EM                                                   |                                                         |       | Error message label           |
|                                                                                                                                                                                 |                                                                       | FS                                                   | FS                                                      |       | Flow Switch                   |
|                                                                                                                                                                                 |                                                                       |                                                      |                                                         | LTA-D | antivibration damper          |
|                                                                                                                                                                                 |                                                                       |                                                      |                                                         | LTA-E | lifting eyebolt               |
|                                                                                                                                                                                 |                                                                       |                                                      |                                                         | NFH   | non ferrous hydraulic circuit |
|                                                                                                                                                                                 |                                                                       | SOV                                                  | SOV                                                     |       | Hydraulic shut off system     |
|                                                                                                                                                                                 |                                                                       | TD                                                   | TD                                                      |       | Differential Thermostat       |
|                                                                                                                                                                                 |                                                                       | TE                                                   |                                                         |       | Electronic Thermostat         |
|                                                                                                                                                                                 |                                                                       | TMN-TMX                                              |                                                         |       | Min-max temp. fluid alarm     |
|                                                                                                                                                                                 |                                                                       |                                                      | WT                                                      |       | Water Unit                    |