



**PRODUCT TECHNICAL DATASHEET
(SCHEMA TECNICA PRODOTTO)**

rev. 1.0

10/06/2022

DATASHEET CODE (CODICE SCHEMA)

44071205001

TYPE OF UNIT		UNIT PART NR (CODICE MACCHINA)	
VLV12 WT CE CUS		44071205001	
WEIGHT WITHOUT FLUID (MASSA SENZA FLUIDO) [Kg]	NOISE LEVEL (RUMORE) [Db]	COLOUR (COLORE)	PED CATEGORY (CATEGORIA PED)
160	66,2	RAL 7035	I
AMBIENT CONDITIONS (CONDIZIONI AMBIENTE)			
MIN AMBIENT TEMPERATURE (MIN TEMPERATURA AMBIENTE) [°C]	MAX AMBIENT TEMPERATURE (MAX TEMPERATURA AMBIENTE) [°C]	MAX RELATIVE HUMIDITY (MAX UMIDITA' RELATIVA) [%]	
-25	+45	100	
REFRIGERATION CIRCUIT (CIRCUITO FRIGORIFERO)			
COOLING CAPACITY (POTENZA DISSIPATA) [Kw]	REFRIGERANT GROUP (GRUPPO REFRIGERANTE)	REFRIGERANT TYPE (TIPO GAS)	REFRIGERANT CHARGE (CARICA GAS) [Kg]
12	2	R134A	1,650
MIN PRESSURE PS (MIN PRESSIONE PS) [bar]	MAX PRESSURE PS (MAX PRESSIONE PS) [bar]	MIN TEMPERATURE TS (MIN TEMPERATURA TS) [°C]	MAX TEMPERATURE TS (MAX TEMPERATURA TS) [°C]
1,7	29	-14	68
HYDRAULIC CIRCUIT (CIRCUITO IDRAULICO)			
COOLING FLUID TYPE (TIPO FLUIDO USATO)	COOLING FLUID SET POINT RANGE (RANGE DEL SET POINT IMPOSTABILE) [°C]	TANK VOLUME (CAPACITA' SERBATOIO) [L]	STD FACTORY SET POINT (STD SET POINT DI FABBRICA) [°C]
WATER + DOWCAL 100 50%	20 ... 40	5	37
TYPE OF PUMP (TIPO DI POMPA)	NOMINAL FLOW RATE (PORTATA NOMINALE) [L/min]	NOMINAL PRESSURE (PRESSIONE NOMINALE) DC Hz [bar]	
CENTRIFUGAL/CENTRIFUGA	60	2	
ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)			
POWER SUPPLY (ALIMENTAZIONE) [V / ph / Hz]	CONTROL CIRCUIT (CIRCUITO DI COMANDO)	ELECTRIC HEATER (RESISTENZA) [W]	SCCR [kA]
570 - 800 V//DC	24V DC	3000	5
MAX POWER INPUT [kW] - CURRENT INPUT [A] (ASSORBIMENTI MASSIMI)			
5,60 [kW] (DCHz)			
11,50 [A] (DCHz)			
SCHEMES (SCHEMI)			
		HYDRAULIC DIAGRAM	ELECTRICAL DIAGRAM
		70006-312	70010-626
INSTALLED FEATURES (OPZIONI INSTALLATE)			
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ACCESSORIES (EXTERNAL TO THE CHILLER, INSTALLATION BY CUSTOMER) ACCESSORI (INSTALLAZIONE ESTERNAMENTE AL CHILLER A CURA DEL CLIENTE)		INSTALLED FEATURES (OPZIONI INSTALLATE)	
ACRONYM (ACRONIMO)	DESCRIPTION (DESCRIZIONE)	ELECTRICAL DIAGRAM	HYDRAULIC DIAGRAM
		CP	
		FC	FC
			LTA-D
			LTA-E
		OD	OD
		R	R
			SST
			1 connector power+alarm
			Fan control ON-OFF
			antivibration damper
			lifting eyebolt
			Outdoor installation
			hydraulic circuit pre-heater
			Stainless Steel Tank