



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

rev. 1.0

02/12/2022

DATASHEET CODE (CODICE SCHEMA)

44070405001

TYPE OF UNIT		UNIT PART NR (CODICE MACCHINA)			
VLV4 WT CE CUS		44070405001			
WEIGHT WITHOUT FLUID (MASSA SENZA FLUIDO) [Kg]	NOISE LEVEL (RUMORE) [Db]	COLOUR (COLORE)	PED CATEGORY (CATEGORIA PED)		
130	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]		
4	2	R134A	1,6		
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 [Lt]	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	36	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)					
2,60 [kW] (DCHz)					
7,50 [A] (DCHz)					
SCHEMES (SCHEMI)		HYDRAULIC DIAGRAM	ELECTRICAL DIAGRAM		
		70006-312	70010-626		
INSTALLED FEATURES (OPZIONI INSTALLATE)					
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	OTHER	DESCRIPTION (DESCRIZIONE)
		CP			1 connector power+alarm
		FC	FC		Fan control ON-OFF
				LTA-D	antivibration damper
				LTA-E	lifting eyebolt
		OD	OD		Outdoor installation
		R	R		hydraulic circuit pre-heater
				SST	Stainless Steel Tank