

Pfannenberg ELECTRO-TECHNOLOGY FOR INDUSTRY 		rev. 1.0			
		29/08/2019			
		DATASHEET CODE (CODICE SCHEDA)			
		42032105001			
TYPE OF UNIT		UNIT PART NR (CODICE MACCHINA)			
EB 210 WT CE B STD		42032105001			
WEIGHT WITHOUT FLUID (MASSA SENZA FLUIDO) [Kg]	NOISE LEVEL (RUMORE) [Db]	COLOUR (COLORE)	PED CATEGORY (CATEGORIA PED)		
389	64	RAL 7035	II		
AMBIENT CONDITIONS (CONDIZIONI AMBIENTE)					
MIN AMBIENT TEMPERATURE (MIN TEMPERATURA AMBIENTE) [°C]	MAX AMBIENT TEMPERATURE (MAX TEMPERATURA AMBIENTE) [°C]	MAX RELATIVE HUMIDITY (MAX UMIDITA' RELATIVA) [%]			
15	45	80			
REFRIGERATION CIRCUIT (CIRCUITO FRIGORIFERO)					
COOLING CAPACITY (POTENZA DISSIPATA) [Kw]	REFRIGERANT GROUP (GRUPPO REFRIGERANTE)	REFRIGERANT TYPE (TIPO GAS)	REFRIGERANT CHARGE (CARICA GAS) [Kg]		
21.3	2	R407C	1,5		
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]		
0.5	30	-14	63		
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	13 ... 30	80	18		
TYPE OF PUMP (TIPO DI POMPA)	NOMINAL FLOW RATE (PORTATA NOMINALE) [L/min]	NOMINAL PRESSURE (PRESSIONE NOMINALE) 50 Hz [bar]	NOMINAL PRESSURE (PRESSIONE NOMINALE) 60 Hz [bar]		
MULTISTAGE ST.STEEL PERIPH.	54	2.5	2.5		
ELECTRICAL CIRCUIT (IMPIANTO ELETTRICO)					
POWER SUPPLY (ALIMENTAZIONE) [V±10% / ph / Hz ±1%]	CONTROL CIRCUIT (CIRCUITO DI COMANDO)	ELECTRIC HEATER (RESISTENZA) [W]	SCCR [kA]		
400/3/50-460/3/60	24V AC	-	5		
MAX POWER INPUT [kW] - CURRENT INPUT [A] (ASSORBIMENTI MASSIMI)					
9,90 [kW] (50Hz)		12,60 [kW] (60Hz)			
20.0 [A] (50Hz)		22.0 [A] (60Hz)			
SCHEMES (SCHEMI)		HYDRAULIC DIAGRAM	ELECTRICAL DIAGRAM		
		70006-299	70010-566		
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	OTHER	DESCRIPTION (DESCRIZIONE)
			BPH		hydraulic relief valve
		CF	CF		Clogged Filter
		EL	EL		Electric Level
		EM			Error message label
		FSE	FSE		external flow switch
				NFH	non ferrous hydraulic circuit
		RCU			Remote control off unit
		TD	TD		Differential Thermostat
		TE			Electronic Thermostat
		TMN-TMX			Min-max temp. fluid alarm