

TECHNICAL DATASHEET



TWA/FC 722 VV/H

PRODUCT FICHE according to European Regulation n° 2016/2281: Information requirements for high temperature process chillers			
Model:	TWA/FC 722 VV/H		
Type of condensing:			Air-Cooled
Refrigerant fluid:			R1234ze
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5.71	[-]
Annual electricity consumption	Q	996846	kWh/a
Parameters at full load and reference ambient temperature at rating point A (**)			
Rated refrigeration capacity	P _A	770.85	kW
Rated power input	D _A	236.69	kW
Rated energy efficiency ratio	EER _{DCA}	3.26	[-]
Parameters at rating point B			
Declared refrigeration capacity	P _B	716.89	kW
Declared power input	D _B	166.72	kW
Declared energy efficiency ratio	EER _{DCB}	4.3	[-]
Parameters at rating point C			
Declared refrigeration capacity	P _C	670.64	kW
Declared power input	D _C	112.9	kW
Declared energy efficiency ratio	EER _{DCC}	5.94	[-]
Parameters at rating point D			
Declared refrigeration capacity	P _D	616.68	kW
Declared power input	D _D	99.63	kW
Declared energy efficiency ratio	EER _{DCD}	6.19	[-]
Other items			
Capacity control		variable	
Degradation co-efficient chillers (*)	C _{dc}	0.90	[-]
GWP of the refrigerant		4.94	kg CO2 eq (100 years)
(**) If C _{dc} is not determined by measurement then the default degradation coefficient of chillers shall be 0.9.			
(**) For staged capacity units, two values divides by a slash ('/') will be declared in each box in the section referring to 'refrigeration capacity' and 'EER'.			