

TECHNICAL DATASHEET



TWA/FC 361 TT/H

PRODUCT FICHE according to European Regulation n° 2016/2281: Information requirements for high temperature process chillers			
Model:	TWA/FC 361 TT/H		
Type of condensing:			Air-Cooled
Refrigerant fluid:			R1234ze
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7.3	[-]
Annual electricity consumption	Q	338929	kWh/a
Parameters at full load and reference ambient temperature at rating point A (**)			
Rated refrigeration capacity	P _A	335.07	kW
Rated power input	D _A	94.84	kW
Rated energy efficiency ratio	EER _{DCA}	3.53	[-]
Parameters at rating point B			
Declared refrigeration capacity	P _B	311.61	kW
Declared power input	D _B	63.72	kW
Declared energy efficiency ratio	EER _{DCB}	4.89	[-]
Parameters at rating point C			
Declared refrigeration capacity	P _C	291.51	kW
Declared power input	D _C	37.33	kW
Declared energy efficiency ratio	EER _{DCC}	7.81	[-]
Parameters at rating point D			
Declared refrigeration capacity	P _D	268.06	kW
Declared power input	D _D	33.38	kW
Declared energy efficiency ratio	EER _{DCD}	8.03	[-]
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'.			