

TECHNICAL DATASHEET



TWH 1352 VV/H/A

PRODUCT FICHE according to European Regulation n° 2016/2281: Information requirements for high temperature process chillers			
Model:	TWH 1352 VV/H/A		
Type of condensing:	Water-Cooled		
Refrigerant fluid:	R1234ze		
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	8.55	[-]
Annual electricity consumption	Q	1424228	kWh/a
Parameters at full load and reference ambient temperature at rating point A (**)			
Rated refrigeration capacity	P _A	1649.12	kW
Rated power input	D _A	314.16	kW
Rated energy efficiency ratio	EER _{DCA}	5.25	[-]
Parameters at rating point B			
Declared refrigeration capacity	P _B	1533.68	kW
Declared power input	D _B	190.52	kW
Declared energy efficiency ratio	EER _{DCB}	8.05	[-]
Parameters at rating point C			
Declared refrigeration capacity	P _C	1434.73	kW
Declared power input	D _C	164.53	kW
Declared energy efficiency ratio	EER _{DCC}	8.72	[-]
Parameters at rating point D			
Declared refrigeration capacity	P _D	1319.29	kW
Declared power input	D _D	154.66	kW
Declared energy efficiency ratio	EER _{DCD}	8.53	[-]
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'.			