

## 5.1 GENERAL TECHNICAL DATA

## TECS2-W HFO / HC

[ SI System ]

TECS2-W HFO / HC		0351	0712	1053	1414	
Power supply		V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50				
<b>PERFORMANCE</b>						
<b>COOLING ONLY (GROSS VALUE)</b>						
Cooling capacity	(1)	kW	340	676	1015	1364
Total power input	(1)	kW	63,0	127	190	251
EER	(1)	kW/kW	5,39	5,34	5,35	5,43
ESEER	(1)	kW/kW	9,01	9,40	9,32	9,51
<b>COOLING ONLY (EN14511 VALUE)</b>						
Cooling capacity	(1)(2)	kW	339	674	1013	1361
EER	(1)(2)		5,18	5,17	5,19	5,29
ESEER	(1)(2)	kW/kW	7,83	8,12	8,22	8,50
Cooling energy class			A	A	A	A
<b>EXCHANGERS</b>						
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>						
Water flow	(1)	l/s	16,2	32,3	48,5	65,2
Pressure drop	(1)	kPa	32,9	29,0	31,1	33,1
<b>HEAT EXCHANGER SOURCE SIDE IN REFRIGERATION</b>						
Water flow	(1)	l/s	19,2	38,3	57,4	77,0
Pressure drop	(1)	kPa	40,8	39,6	32,0	23,0
<b>COMPRESSORS</b>						
Compressors nr.		N°	1	2	3	4
Number of capacity		N°	0	0	0	0
No. Circuits		N°	1	1	1	1
Regulation			STEPLESS	STEPLESS	STEPLESS	STEPLESS
Min. capacity step		%	-	-	-	-
Refrigerant			HFO-1234ze	HFO-1234ze	HFO-1234ze	HFO-1234ze
Refrigerant charge		kg	95	230	360	390
Oil charge		kg	0	0	0	0
<b>NOISE LEVEL</b>						
Noise Pressure	(3)	dB(A)	74	76	77	78
Noise Power	(4)	dB(A)	92	94	96	97
<b>SIZE AND WEIGHT</b>						
A	(5)	mm	2990	3490	4990	5450
B	(5)	mm	950	1300	1300	1300
H	(5)	mm	1900	1800	1800	1990
Operating weight	(5)	kg	1570	3010	4380	5240

**Notes:**

1 Plant (side) cooling exchanger water (in/out) = 12,0°C/7,0°C; Source (side) heat exchanger water (in/out) = 30,0°C/35,0°C.

2 Values in compliance with EN14511-3:2011.

3 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

4 Sound power on the basis of measurements made in compliance with ISO 9614.

5 Unit in standard configuration/execution, without optional accessories.

- Unavailable