



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	339,6	676,1	1015	1364
Total power input	(1)	kW	62,97	126,6	189,8	251,1
EER	(1)	kW/kW	5,390	5,340	5,348	5,432
ESEER	(1)	kW/kW	9,010	9,400	9,320	9,510
<b>COOLING ONLY (EN14511 VALUE)</b>						
Cooling capacity	(1)(2)	kW	338,6	674,5	1013	1361
EER	(1)(2)	kW/kW	5,180	5,170	5,190	5,290
ESEER	(1)(2)	kW/kW	7,830	8,120	8,220	8,500
Cooling energy class			A	A	A	A
<b>ENERGY EFFICIENCY</b>						
<b>SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)</b>						
<b>Ambient refrigeration</b>						
Prated,c	(7)	kW	339	674	1013	1361
SEER	(7)(8)		8,20	8,22	8,36	8,76
Performance ηs	(7)(9)	%	320	321	326	342
<b>EXCHANGERS</b>						
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>						
Water flow	(1)	l/s	16,24	32,33	48,54	65,22
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	19,19	38,25	57,42	76,97
Pressure drop	(1)	kPa	40,8	39,6	32,0	23,0
<b>REFRIGERANT CIRCUIT</b>						
Compressors nr.		N°	1	2	3	4
No. Circuits		N°	1	1	1	1
Refrigerant charge		kg	100	200	420	410
<b>NOISE LEVEL</b>						
Sound Pressure	(3)	dB(A)	74	76	77	78
Sound power level in cooling	(4)(5)	dB(A)	92	94	96	97
<b>SIZE AND WEIGHT</b>						
A	(6)	mm	2990	3490	4990	5450
B	(6)	mm	950	1300	1300	1300
H	(6)	mm	1900	1800	1800	1990
Operating weight	(6)	kg	1570	3010	4380	5240

- Notes**
- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger water (in/out) 30°C/35°C.
  - Values in compliance with EN14511
  - 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.
  - Sound power on the basis of measurements made in compliance with ISO 9614.
  - Sound power level in cooling, indoors.
  - Unit in standard configuration/execution, without optional accessories.
  - Parameter calculated according to [REGULATION (EU) N. 2016/2281]
  - Seasonal energy efficiency ratio
  - Seasonal space cooling energy efficiency
- The units highlighted in this publication contain HFC HFO-1234ze [GWP<sub>100</sub> 7] fluorinated greenhouse gases.  
 Certified data in EUROVENT

**Dimensional drawing**

