

Technical Data

WSW 140		WSW-140	WSW-140SL
Cooling Capacity	kW	429	429
Power Consumption		83	83
Working limits ambient temperature	°C	+20 / +48	+20 / +48
Working limits water outlet temperature	°C	-5* / +25	-5* / +25
Refrigerant	Type	R134a	R134a
Power supply	V/ph/Hz	400 / 3 / 50	400 / 3 / 50
Secondary power supply	Vac	230	230
Max. power consumption	kW	134	134
Max. absorbed current	A	243	243
Starting current	A	328	328
Height x width x depth	mm	1905 x 1340 x 3790	1905 x 1340 x 3790
Noise level	dB(A)	82,5	74,5
Compressor			
Hydraulic Circuit	n°	1	1
Semi-Hermetic Double Screw compressor	n°	1	1
Partialization	%	12,5 ... 100	12,5 ... 100
Max. power consumption	kW	132	132
Max. absorbed current	A	233	233
Power consumption W7L35	kW	83	83
Absorbed current W7L35	A	136	136
Condenser			
Shell&Tube Condenser	n°	1	1
Condenser Liquid	Type	Water+max40% glycol	
Inlet Temperature	°C	30	30
Outlet Temperature	°C	35	35
Water Flow	m³/h	89	89
Pressure Drops	kPa	41	41
Water Connections	Inches	3	3
Evaporator			
Shell&Tube Evaporator	n°	1	1
Coolant liquid	Type	Water+max40% glycol	
Inlet temperature	°C	12	12
Outlet temperature	°C	7	7
Water flow	m³/h	73	73
Pressure drops	kPa	43	43
Water connections	Inches	5	5
EER			
EER		5,12	5,12
ESEER (ISO14511)		6,92	6,92
IPLV		7,88	7,88

Evaporator water (in/out) 12/7 °C; condenser air (in) 35 °C;
Average sound pressure level at 10 m distance; unit in a free field on a reflective surface.
According to ISO 3744. Unit at full capacity. Pump contribution is not considered.
*In case of applications with an output fluid temperature below +5 °C, please contact the manufacturer.