

# Technical Data

WSW 160		WSW-160	WSW-160SL
Cooling Capacity	kW	459	459
Power Consumption		90	90
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	146	146
Max. absorbed current	A	266	266
Starting current	A	488	488
Height x width x depth	mm	1970 x 1871 x 4416	1970 x 1871 x 4416
Noise level	dB(A)	84,8	76,8
<b>Compressor</b>			
Hydraulic Circuit	n°	2	2
Semi-Hermetic Double Screw compressor	n°	2	2
Partialization	%	12,5 ... 100	12,5 ... 100
Max. power consumption	kW	144	144
Max. absorbed current	A	256	256
Power consumption W7L35	kW	90	90
Absorbed current W7L35	A	154	154
<b>Condenser</b>			
Shell&Tube Condenser	n°	2	2
Condenser Liquid	Type	Water+max40% glycol	
Inlet Temperature	°C	30	30
Outlet Temperature	°C	35	35
Water Flow	m³/h	95	95
Pressure Drops	kPa	33	33
Water Connections	Inches	3	3
<b>Evaporator</b>			
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	79	79
Pressure drops	kPa	57	57
Water connections	Inches	5	5
<b>EER</b>			
EER		5,06	5,06
ESEER (ISO14511)		6,94	6,94
IPLV		8,10	8,10

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.