

Technical Data

WSA 300		WSA-300	WSA-300SL	WSA-300FC
Cooling Capacity	kW	673	627	652
Power Consumption		226	239	237
Working limits ambient temperature	°C	-18* / +46	-18* / +46	-18* / +46
Working limits water outlet temperature	°C	-5* / +25	-5* / +25	-5* / +25
Refrigerant	Type	R134a	R134a	R134a
Power supply	V/ph/Hz	400 / 3 / 50	400 / 3 / 50	400 / 3 / 50
Secondary power supply	Vac	230	230	230
Max. power consumption	kW	495	495	495
Max. absorbed current	A	290	290	290
Starting current	A	946	946	946
Height x width x depth	mm	2473 x 2278 x 6960	2473 x 2278 x 6960	2473 x 2278 x 6960
Noise level	dB(A)	69,6	69,6	69,6
Compressor				
Cooling Circuit	n°	2	2	2
Semi-Hermetic Double Screw compressor	n°	2	2	2
Partialization	%	12,5...100	12,5...100	12,5...100
Max. power consumption	kW	262	262	262
Max. absorbed current	A	428	428	428
Power consumption W7L35	kW	202	202	212
Absorbed current W7L35	A	313	313	326,9
Fans				
Axial fans	n°	12	12	12
Fan flow	m³/h	215045	147655	177851
Max. Power consumption	kW	26,4	26,4	26,4
Max. absorbed current	A	56,8	56,8	56,8
Power Consumption W7L35	kW	24	15	24
Absorbed Current W7L35	A	51,6	30	51,6
Hydraulic				
Coolant liquid	Type	Water		
Inlet temperature	°C	12	12	12
Outlet temperature	°C	7	7	7
Water flow	m³/h	115	107	115,4
Pressure drops	kPa	35	28	35,4
Water connections	Inches	6	6	6
FC				
Cooling capacity W10L(see below)	kW	-	-	660
Temperature of total FC	°C	-	-	-1,7
Flow of fluid to be cooled	m³/h	-	-	113
Pressure drop	kPa	-	-	31
EER				
EER		2,97	2,61	2,76
ESEER (ISO14511)		4,45	4,49	4,34
IPLV		4,45	4,52	4,29

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.

FC

30% Glycol-Water solution. Evaporator solution IN/OUT= 15/10 °C; Condenser air 30 °C
 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface.
 Unit at full capacity. According to ISO 3744. Pumps contribution is not considered.
 * In case of applications with output fluid temperature below 0°C, please contact the manufacturer