

Product Fiche										
Supplier name: SKYLAND										
Model name: King Heat 18DC-32										
Air-to-water heat pump: YES					Water-to-water heat pump: NO					
Brine-to-water heat pump: NO					Low-temperature heat pump: NO					
Equipped with a supplementary heater: NO					Heat pump combination heater: NO					
Climate condition							Average			
Seasonal space heating energy efficiency class							35°C		55°C	
							A+++		A++	
Rated heat power output					kW		Prated			
							35°C		55°C	
							11.258		10.754	
Annual energy consumption				space heating		kWh		Q _{HE}		
								35°C		55°C
								4701		6021
Seasonal space heating energy efficiency					%		η _s			
							35°C		55°C	
							194.9		144.6	
Low temperature application					T design	°C	-10			
T _j (°C)		Pd _h (kW)	Cd _h	COP _d						
TOL	-10	10.403	0.00	2.75						
T bival	-7	9.959	0.00	2.88						
-7		9.959	0.00	2.88						
+2		7.223	0.99	4.76						
+7		7.315	0.99	6.78						
+12		8.195	0.99	9.89						
Medium temperature application					T design	°C	-10			
T _j (°C)		Pd _h (kW)	Cd _h	COP _d						
TOL	-10	8.071	0.00	1.90						
T bival	-7	9.514	0.00	2.18						
-7		9.514	0.00	2.18						
+2		5.964	0.00	3.49						
+7		6.407	0.99	5.19						
+12		7.613	0.99	7.81						
Thermostat-off mode (PTO)		kW	0.012							
Standby mode (PSB)		kW	0.012							
Crankcase heater mode (PCK)		kW	0.042							
OFF mode (POFF)		kW	0.012							
Capacity control							Variable			
Rated air-flow rate (air-to-water heat pump)					m ³ /h		7400m ³ /h			
Sound power level				ODU		dB		71		
Water pump EEI ≤							0.21			
<p>Declared data are conform to regulations (EU) nr 811/2013 and nr 813/2013</p> <p>PRECAUTION</p> <p>Contact the authorized service technician for repair or maintenance of this unit.</p> <p>Contact the installer for installation of this unit.</p> <p>AWHP is not intended for use by young children or invalids without supervision. Young children should be supervised to ensure that they do not play with AWHP.</p> <p>When the power cable is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.</p> <p>Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.</p>										