

Product Fiche									
Supplier name: SKYLAND									
Model name: King Heat 12DC-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
Annual energy consumption					space heating		kWh		Q _{HE}
									35°C
Seasonal space heating energy efficiency					%		η _s		
							35°C		55°C
Low temperature application					T design	°C	-10		
T _j (°C)		Pd _h (kW)		Cd _h	COP _d				
TOL	-10	6.808		0.00	2.81				
T bival	-7	7.471		0.00	3.06				
-7		7.471		0.00	3.06				
+2		4.362		0.00	4.82				
+7		3.273		0.99	7.68				
+12		3.686		0.99	10.42				
Medium temperature application					T design	°C	-10		
T _j (°C)		Pd _h (kW)		Cd _h	COP _d				
TOL	-10	5.326		0.00	1.66				
T bival	-7	6.500		0.00	2.07				
-7		6.500		0.00	2.07				
+2		4.158		0.00	3.39				
+7		3.048		0.99	4.67				
+12		3.693		0.99	7.51				
Thermostat-off mode (PTO)		kW	0.006						
Standby mode (PSB)		kW	0.006						
Crankcase heater mode (PCK)		kW	0.000						
OFF mode (POFF)		kW	0.006						
Capacity control							Variable		
Rated air-flow rate (air-to-water heat pump)						m ³ /h	3500m ³ /h		
Sound power level					ODU	dB	69		
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>									