

Product Fiche									
Supplier name: SKYLAND									
Model name: King Heat 18DC TRI-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					%		179.3		132.2
							35°C		55°C
Low temperature application					T design	°C	-10		
T _j (°C)		Pd _h (kW)	Cd _h	COP _d					
TOL	-10	9.451	0.90	2.28					
T bival	-7	9.945	0.90	2.91					
-7		9.945	0.90	2.91					
+2		6.202	0.90	4.52					
+7		6.856	0.90	6.50					
+12		7.225	0.90	8.17					
Medium temperature application					T design	°C	-10		
T _j (°C)		Pd _h (kW)	Cd _h	COP _d					
TOL	-10	8.072	0.90	1.47					
T bival	-7	9.257	0.90	2.09					
-7		9.257	0.90	2.09					
+2		5.929	0.90	3.32					
+7		5.777	0.90	4.82					
+12		7.089	0.90	6.93					
Thermostat-off mode (PTO)		kW	0.015						
Standby mode (PSB)		kW	0.009						
Crankcase heater mode (PCK)		kW	0.033						
OFF mode (POFF)		kW	0.009						
Capacity control							Variable		
Rated air-flow rate (air-to-water heat pump)					m ³ /h		7400m ³ /h		
Sound power level					ODU		dB		66
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>									