

NEW PRODUCT

**DAVEY**by **NIRVANA**

ONE OF THE  
INDUSTRY'S BEST  
PERFORMERS

#### APPLICATION

Ideal for in-ground and above ground swimming pools, spas, swim spas, plunge pools and light commercial applications

#### HIGH PERFORMANCE POOL & SPA HEAT PUMP

- > **Heat Exchanger**  
Our unique double coil heat exchanger is manufactured out of titanium to produce optimal heat transfer while resisting corrosion and erosion. It is excellent for all common pool chemical systems including salt water, mineral salt and chlorine pools
- > **Compressor**  
Scroll compressor technology provides the Davey by Nirvana with unparalleled efficiency along with quiet, sustainable and proven reliability
- > **Thermostatic Expansion Valve**  
The thermostatic valve regulates the supply of refrigerant to the evaporator based on weather conditions to maximise performance
- > **Refrigerant Filter Dryer**  
Filters humidity and protects the refrigeration circuit for long term durability



Depend on Davey

**DAVEY**

# Davey by Nirvana

## Pool & Spa Heat Pump



- Swept wing fan blades** designed to reduce noise
- Ultra-resistant composite cabinet** provides durability and easy care
- Oversized blue fin protected evaporator** for better performance
- R410A Refrigerant** environmentally friendly, clean and efficient
- Electronic control board** easy to use
- Corrosion inhibiting treatments** inside the unit and electronic box
- Auto defrost**, electronic and intelligent

PERFORMANCE DATA*	Model	27°C   80%   27°C**		27°C   63%   27°C**		10°C   63%   27°C**		Combined with a Davey Silensor or ProMaster pump†	
		kW	COP	kW	COP	kW	COP	kW	COP
	DN1-50	14	6.4	12	6.0	9	4.3	14	7.1
DN1-80	22	7.0	20	6.4	14.5	4.6	22	7.0	
DN1-100	28	6.4	26.5	6.2	18	4.3	28	6.7	
DN3-120	34	6.2	32	6.0	22.5	4.2	34	6.3	

\* Reference only, results may change based on ambient air temperatures the use of a pool blanket, location and region of the installation

\*\* Rated in accordance to AHRI standard 1160: ambient air temperature (°C) | humidity (%) | pool water temperature (°C)

† Rated outside the scope of AHRI 1160 using a Davey swimming pool pump Silensor SLL300, ProMaster PM200SV or SilensorPro SP200SV on speed 8, and the ProMaster PM400PV or SilensorPro SP400PV on speed 6 at 27°C | 63% | 27°C conditions with 250lpm water flow

COP = Co-efficiency of Performance

DIMENSIONS	Model	Height (mm)	Width (mm)	Length (mm)	Weight (kg)	Water Connections
	DN1-50	890	890	840	86	40mm
	DN1-80	1040	890	840	110	
	DN1-100	1140	890	840	114	
	DN3-120	1240	890	840	115	

TECHNICAL DATA	Heat Exchanger	Control Board	Defrost Mode	Compressor Type	Cabinet	Refrigerant
	Titanium Double Coil	Digital	Passive	Scroll	Fibreglass Composite	R410A

WARRANTY	
Component	Coverage
Labor	1 year
Parts	3 years
Compressor	5 years
Titanium coil	10 years
Cabinet	15 years limited

### IMPORTANT NOTES

Energy efficiency at low temperatures is the most important factor to consider because that's when the pool needs the most heat and when the heat pump will operate for the longest amount of time. The Nirvana heat pump has the highest ranked units according to AHRI at low ambient temperatures, which will translate to the lowest total operating costs.

[davey.com.au](http://davey.com.au) | [daveynz.co.nz](http://daveynz.co.nz) | [daveyeurope.eu](http://daveyeurope.eu) | [daveyusa.com](http://daveyusa.com)

This literature is not a complete guide to product usage. All images provided in this document are for illustration purposes only. Further information is available from your Davey Dealer, Davey Support Centre and from the relevant product Installation and Operating Instructions. Must be read in conjunction with the relevant product Installation and Operating Instructions and all applicable statutory requirements. Product specifications may change without notice. © Davey is a registered trademark of Davey Water Products Pty Ltd. © Davey Water Products Pty Ltd 2016.



**Depend on Davey**