

# Pulsar Range

## Technical Specification



## **PULSAR RANGE**

### **TECHNICAL SPECIFICATION**

#### **Performance, Innovation, Economy**

Pulsar is a range of high performance soft drink cooler carbonators.

A range of 4 sizes designed to meet all possible applications, from low volume to high volume accounts.

Developed with 'whole life' cost in mind, Pulsar has made significant improvements in the areas of installation, serviceability and energy efficiency.

Depending on the unit size, you will see a performance increase of between 30% and 60% in the number of available soft drinks dispensed, at the required specification temperature.


#### **Installation**

- Cold carbonation equals less installation time

#### **Serviceability**

- Structural chassis and panel construction for easy access to all major components
- Common spares are used across the range where possible

#### **Energy Efficiency**

- Increased water bath installation
-  ensures that no ice is wasted



## 1. Technical Specifications

### Standard Features

	<b>Pulsar 40i</b>	<b>Pulsar 60i</b>	<b>Pulsar 80i</b>	<b>Pulsar 100i</b>
Part No	<b>02-2206-xx</b>	<b>02-2306-xx</b>	<b>02-2406-xx</b>	<b>02-2503-xx</b>
Dimensions H x W x D	550 x 700 x 430mm	590 x 750 x 460mm	630 x 865 x 535mm	830 x 1060 x 630mm
Dry weight	75kg	79.1kg	91.8kg	145kg
Voltage	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Power Input	1100 watts	1300 watts	1170 watts	1650 watts
Ampage	6 amps	7.5 amps	7.5 amps	11.2 amps
Compressor type	Danfoss SC12 G	Danfoss SC18 G	Danfoss SC21 G	L'unité CAJ4511Y
Compressor	12ccm (3/8 PS)	18ccm (2/3PS)	21ccm (4/5PS)	34cc (11/3PS)
Cooling capacity at evaporation temp $t_0 = -10^{\circ}\text{C}$ / condensing temperature $t_c = 55^{\circ}\text{C}$	484 watts	684 watts	793 watts	1252 watts
Water bath volume	38 liters	51 liters	65 liters	114 liters
Water bath installation	30mm CFC free PU foam	30mm CFC free PU foam	40mm CFC free PU foam	40mm CFC free PU foam
Ice bank weight	13.2 kg	20 kg	25 kg	50 kg
Ice bank capacity	4425kJ/1056h	6700kJ/1600h	8400kJ/2000h	16800kJ/4000h
Ice bank control	Resistive probe	Resistive probe	Resistive probe	Resistive probe
Carbonator bowl volume	2.3 liters	2.3 liters	6.2 liters	6.2 liters
Carbonator Pump	Positive displacement slide vane pump type Procon/100gal/h	Positive displacement slide vane pump type Procon/100gal/h	Positive displacement slide vane pump type Procon/100gal/h	Positive displacement slide vane pump type Procon/100gal/h
Carbonator pump motor	RPM 180 watts	RPM 180 watts	RPM 180 watts	RPM 180 watts
Product coils	6/8 syrup/ 7mm i.D. 1 x C02 Water, with/without Stillwater control	6/8 syrup/ 7mm i.D. 1 x C02 Water, with/without Stillwater control	8 syrup/ 7mm i.D. 1 x C02 Water, with/without Stillwater control	8 syrup/ 7mm i.D. 1 x C02 Water, with/without Stillwater control
Refrigerant	R134a	R134a	R134a	R134a



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Filename: Pulsar\_Technical Specification\_Doc  
Directory: H:\ENGINEERING\AXEL  
Template: C:\Documents and Settings\edavies\Application  
Data\Microsoft\Templates\Normal.dot  
Title:  
Subject:  
Author: edavies  
Keywords:  
Comments:  
Creation Date: 3/16/2011 3:56:00 PM  
Change Number: 13  
Last Saved On: 3/25/2011 11:42:00 AM  
Last Saved By: edavies  
Total Editing Time: 101 Minutes  
Last Printed On: 3/25/2011 11:43:00 AM  
As of Last Complete Printing  
Number of Pages: 4  
Number of Words: 453 (approx.)  
Number of Characters: 2,583 (approx.)