

Dental



The DS 4 is a Dental Suction System to suit 1 to 4 chairs manufactured to ISO 13485.



**AUSTRALIAN MEDICAL
SUCTION SYSTEMS**

PROVIDED BY  **BECKER**

Dental Suction System

The DS 4 dental vacuum system is a self-contained free-standing unit with a cyclonic separator, bacterial filter and fluid transfer pump.

Vacuum Pump

Becker's pumps are ISO 9001 certified and are CE compliant ensuring the highest level of quality control. The pump is air cooled with a fully encapsulated impeller. The pump is also oil free, low maintenance, and reduces power consumption via the variable speed controlled drive (VSD).

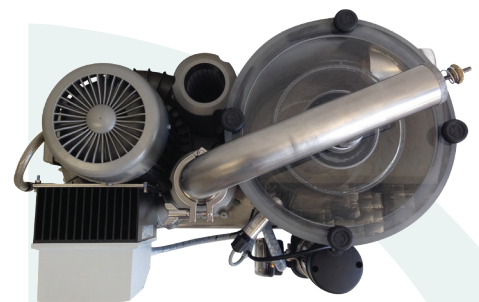
Filter

A medical grade bacterial filter is included as standard. An amalgam separator is available as an option.

System Control

The system is fully automatic.

1. Easy to use plug and play installation.
2. The VSD will monitor the load and adjust the flow to suit.
3. The VSD panel will show an hours run meter.
4. The system includes high fluid level protection.
5. Contacts are provided for remote starting.



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Semi Dry Line Dental Suction System DS 4 System Specifications

Module

Arrangement	Self-contained, free standing, cyclonic separator with bacterial filter and fluid transfer pump
Separator	20 litres
Nominal Displacement	190m ³ /h

Vacuum Pump Data

Type	Side Channel Vacuum Pump, Oil Free, Air Cooled
System Capacity	80 m ³ /h @ -200 millibars free air flow for 1 pump in accordance with AS 2686-1984
Installed Power	1.5kW single phase input power. Three phase power input as an option.
Sound Level	66.5dB (A) @ 50Hz

Mounting – Rack Construction

Mounting Plate	Stainless steel folded construction
Nominal Size	Width 600mm x Depth 400mm x Height 550mm

Cyclonic Separator

Type	Stainless steel with clear removable top
Filtration	Baffle and 2mm mesh strainer basket
Fluid Control	Float level switches
Size	20 litres

Filters

Bacterial	Medical vacuum, integrated with separator
Amalgam	AS20 (optional extra)

Fluid Transfer Pump

Capacity	17 litres per minute
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Control System

Type	Variable frequency drive
Control	On / Off / Auto Switch
Pump Stop	High fluid level
BMS Monitoring	Optional
Monitoring	Transducer 4-20 milliamps
Vacuum Level	Variable -20 kPa (factory set)
Hours Run	On drive
Pressure Indication	On drive, default screen

