Donaldson Torit (DCE) Donaldson Model SD0850AP Ultrafilter

Stock Code: AT0091
Manufacturer: Donaldson Torit (DCE)
Model: Buran SD 0850 AP
Serial: 073/19642/01
New or Used: Used (Second Hand)
CFM/Kw: 500 cfm
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**Compressor Type:** Refrigerant-to-air heat exchanger  
**Weight:** 250kgs  
**External Dimensions (WxDxH):** 900 x 1230 x 800

A microprocessor based control device is now the heart of the new generation of ultratroc fridge dryers.

Donaldson deliver a complete range of compressed air purification solutions that improve air quality throughout your plant—from compressor rooms to all points of use.

The unique mechanical design and control logic of The Ultrapulse refrigeration compressed air dryers provide peak energy efficiency. When operating at 100% capacity, dryers with Ultrapulse™ technology are more efficient than traditional dryers, and cost much less than thermal mass style dryers.

Buran™ dryers also offer power savings when operating at less than 100% capacity, which is often the case in real-world operation. All standard Buran™ refrigeration dryers are equipped with a load controlled solenoid valve.

Intelligent Design Components of Buran™ refrigeration dryers have been designed, specified and integrated to incorporate advancements in compressor life, heat exchanger design, computer control and real-time operating conditions.

Intelligent Control Ultrapulse™ technology not only controls the dryer’s operation in reaction to load changes, but also continuously tracks and anticipates load trends, adjusting the refrigeration circuit accordingly. This advanced control logic optimises performance by avoiding dew point spikes commonly associated with cycling dryers.

Intelligent Operation Buran™ dryers with Ultrapulse technology provide three function modes: Standard, Summer and Flex—providing high flexibility, low energy consumption and consistent compressed air quality.

Advantages of the new dryer generation:

- ultrapulse-control
- Multi Functional Display
- Load controlled energy consumption, reduction down to 10% of nom. energy consumption
- Load controlled drain
- Low voltage monitoring
- Display is changeable from °C to °F
- Optional: dry contact for alarm signal and analogue signal 0-10V for dew point temp.
- Max. operation parameter, inlet temp. 60°C, ambient temp. 50°C
- One component refrigerant R134a, ozone depleting factor zero
- Compact and easy to install cabinets

The Multi Functional Display shows the following parameter:
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- Topical pressure dew point
- Operations mode normal / summer / autom.
- Power consumption relate to the whole life time
- Alarm signal
- Alarm history
- Maintenance necessary
- Operation status of the drain
- Operation hours
- Fridge compressor on/off
- Topical energy consumption

SD 0850 AP Technical details:

- Model Air flow m3/h 850
- Air flow m3/min 14.17
- Power supply V/50 Hz 380/400 3ph 16Amp
- Power consumption kW 1.8
- Cooling air required m3/h 2900
- Air connection BSP 2"
- Dimensions mm W,D,H 900 x 1230 x 800
- Weight kg

View Donaldson Torit (DCE) Donaldson Model SD0850AP Ultrafilter on our web site at http://www.rileysurfaceworld.co.uk/machines/25205.htm

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.