

Pneumatic Dewatering Pod



Overview

The Dowdens Pneumatic Dewatering Pod was developed to offer clients a dewatering solution in times where there was no power available due to a planned outage or fault.

Coupled with the ever-increasing lead times for electrical components and motors and the cost of powering hazardous areas, this non-powered solution will assist our clients with keeping their operations on track.

Mine site water is collected from around the mine from sumps and wet areas, then delivered to the pod where the pumps transfer the collected mine water to a main station, dam or to another pod.

Features

This unit has all the standard physical features of an underground pump pod, without all the electrical requirements.

The unit is fitted with a Dowdens Pneumatic Level Control Valve to control the pumps through the rise and fall of the water level. The standard unit is fitted with three submersible vortex pumps that are designed to handle the coal, rock, and dirt that are typically present in the mine water.

With all three pumps operating, a flow rate of 105m³/hr can be achieved. These pumps are also capable of achieving in excess of 50m head pressure.

SKU	Description
DPDWP	Dowdens Pneumatic Dewatering Pod with pneumatic level control valve and three submersible vortex pumps

Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
24/140 Wecker Rd St, Mansfield Qld 4122
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au

Pneumatic Dewatering Pod



Key Components

- 2400mm wide, 3000mm long and 1750mm high
- Equipped with a QDS lift attachment, forklift slots and lifting lugs
- 3500L capacity tank, constructed from 6mm mild steel and sloped bottom for ease of cleaning
- Three pneumatic submersible vortex pumps (all three pumps can be operated simultaneously if required)
- Fully detachable lids
- Six 50mm inlets fitted with cam locks
- Two 100mm drains with butterfly valves
- Dowdens Pneumatic Level Control Valve for automatic/manual operation of the pumps
- 50mm Minsup air supply with “Y” strainer



Contact Your Local Dowdens Account Manager

MACKAY (Head Office)
9-15 Industrial St, Mackay Qld 4740
Phone: 07 4969 4949 Fax: 07 4969 4900
info@dowdens.com.au

ROCKHAMPTON
4/415 Yaamba Rd, Rockhampton Qld 4701
Phone: 07 4923 6969 Fax: 07 4923 6900
info@dowdens.com.au

BRISBANE
24/140 Wecker Rd St, Mansfield Qld 4122
Phone: 07 3828 7000 Fax: 07 3828 7055
brisbane@dowdens.com.au

PROSERPINE
2 Mann St, Proserpine Qld 4800
Phone 07 4969 4940 Fax 07 4969 4900
info@dowdens.com.au