



bentley
A SEVERN Company

Description	Medium pressure 20-45 bar g	High pressure 180-450 bar g
Standard model	✓	✓
Pressure vessels designed in accordance with ASME VIII	✓	✓
Non-welded adsorption vessels made from solid bar stock	X	✓
Welded adsorption vessels comply with industry requirements	✓	X
Fully automatic operation	✓	✓
Electronic sequencer giving reliable cycle control	✓	✓
Non-Ferrous high-pressure pipework connected with coaxial breakaway fitting ensures easy maintenance	X	✓
System pressure gauges on each adsorption vessel clearly indicate when they are drying or regenerating	✓	✓
LED indication clearly showing which valve is open or energised	✓	✓
Indicator lights on the valve solenoids show valve status	✓	X
Robust floor-mounted steel frame	✓	✓
Fitted with high-efficiency silencers for quiet running	✓	✓
Separate fill and drain plugs for ease of desiccant replacement	X	✓
Visual mimic display showing function of dryer and valves	OPT	OPT
Pressure capacities from 180-450 bar g	X	✓
Pressure capacities from 20-45 bar g	✓	X
Auto drain system	OPT	OPT
Fitted with digital dewpoint analyser with 4-20 mA output	OPT	OPT

Bentley standard medium pressure 20-45 bar g compressed air dryers	Model	Capacity (m ³ /h) @pressure range 20-30 bar g	Capacity (m ³ /h) @pressure range 30-45 bar g
	BD 38	20	25
	BD 50	30	40
	BD 76	65	80
	BD 100	115	140
	BD 127	160	200
	BD 150	240	300
	BD 200	400	520

Bentley standard high pressure 180-450 bar g compressed air dryers	Model	Capacity (m ³ /h) @pressure range 180-250 bar g	Capacity (m ³ /h) @pressure range 250-350 bar g	Capacity (m ³ /h) @pressure range 350-450 bar g
	BD 38	20	25	30
	BD 50	40	50	60
	BD 63	65	80	90
	BD 76	100	120	140
	BD 90	145	170	200
	BD 100	200	250	300
	BD 127	300	350	420
BD 150	420	500	580	

Non-standard dryers for other pressures, capacities and gases are also available. Please contact us for further information.