

Super Pack

Desiccant Compressed Air Dryers

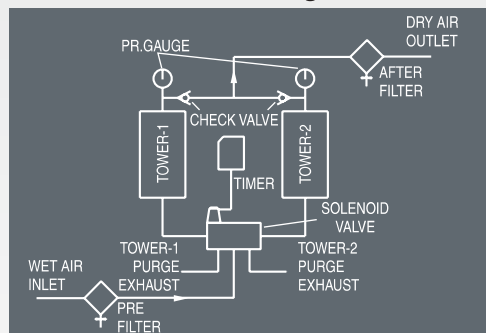


Manufactured under license from ORION - Japan

Salient Features

- Compact in size
- Ease of operation
- Light weight
- Non-corrosive Aluminium body
- Aesthetic look
- Silent - low purge noise

Schematic Diagram



Capacity: 17 to 1500 m³/hr • Working Pressure: 12.5 bar • Dew Point: -40°C to -60°C



AIR DRYER



AIR FILTER



COOLING TOWER



DRY COOLING TOWER



INDUSTRIAL CHILLER

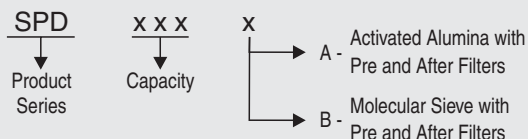
Base Model	Airflow		Inlet/Outlet	Dimension, mm			Weight, Kg
	m ³ /h	cfm		A	B	C	
SPD 010	17	10	G 3/8"	315	136	560	16
SPD 015	25	15	G 3/8"	315	136	760	20
SPD 025	48	25	G 3/4"	345	160	680	26.5
SPD 040	72	40	G 3/4"	345	160	930	34
SPD 060	108	60	G 3/4"	345	160	1130	43
SPD 100	162	95	G 1"	345	160	1480	53
SPD 150	252	150	G 1½"	590	406	1475	110
SPD 250	420	250	G 1½"	795	406	1475	156
SPD 350	600	350	G 1½"	802	406	1475	202
SPD 500	840	500	G 2"	1142	406	1475	246
SPD 700	1200	700	G 2"	1316	406	1475	307
SPD 900	1500	900	G 2½"	1490	406	1475	340



WORKING CONDITIONS:

Working pressure	:	7 bar to 10 bar	max. 10.5 bar
Inlet temperature	:	40° C	50° C
Atmospheric dew point	:	-40° C	-60° C
Cycle time	:	4 minutes	
Electrical	:	220V / 50 Hz / Single Phase	

Model Nomenclature :



FEATURES

Tower

- Non-corrosive Aluminium body.
- Ample sized to save heat of adsorption.
- Large desiccant candle, ensures sufficient contact time to produce -40°C dew point (-60°C with Molecular sieves).
- Each tower is provided with pressure gauge.

Filters

- Each dryer is equipped with a Pre-filter to protect desiccant from free water contamination, dust, scales, etc., and an after-filter to avoid desiccant dust carry over.

Pressure Gauge

- Pressure gauges on each tower for easier illustration of working of dryer.

Valves

- Highly reliable solenoid valves, to international standards, which act as main flow and exhaust valves.
- Precision orifice for highly accurate purge flow.

- Well designed mounting brackets
- Purge exhaust muffler for noise control.
- Highly accurate electronic timer.
- Dried air as per requirements of ISO 8573-1 class 3-3-4.
- Designed to meet the requirements of ISO 7183.
- Quick exhaust facilitates sudden de-pressurization & thereby better regeneration.
- Re-pressurization cycle to avoid desiccant dusting.
- Designed for efficient working with least pressure drop.
- Powder coated for aesthetic look and additional protection.

WHY SUPER PACK INSTEAD OF OTHER DRYERS?

- Occupies less floor space.
- Easy to operate.
- No moving parts and hence high reliability.
- Least maintenance required.
- Electronic timer enables accurate cycle timing.

ACCESSORIES

- Auto Drain Valve for filters

Specifications subject to change due to constant upgradation of products.

GEM Equipments (P) Ltd.

S.F.No. 103, Avanashi Road,
Arasur, Coimbatore,
Tamil Nadu 641 407, INDIA.

Phone : +91 422 2363800, 2363836,
2363837
Fax : +91 422 2360523

E-mail : sales@gemindia.com,
service@gemindia.com
Web site : http://www.gemindia.com

Regional Office Email: chennai@gemindia.com • mumbai@gemindia.com • delhi@gemindia.com • pune@gemindia.com