

## Super Pack

Desiccant Compressed Air Dryers



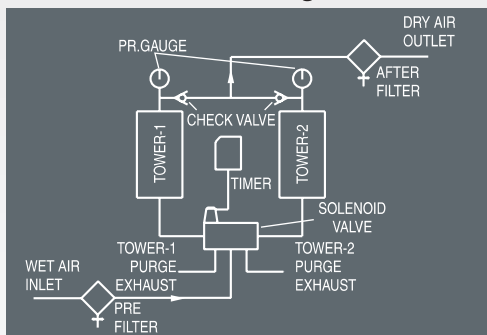
Manufactured under license from ORION - Japan

**WORLD CLASS**  
COMPRESSED AIR DRYERS  
AND ACCESSORIES

### 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 m<sup>3</sup>/hr • Working Pressure: 12.5 bar • Dew Point: -40°C to -60°C



AIR DRYER



AIR FILTER



COOLING TOWER



DRY COOLING TOWER



INDUSTRIAL CHILLER



# SUPER PACK

## DESSICANT COMPRESSED AIR DRYERS

### TECHNICAL SPECIFICATION:

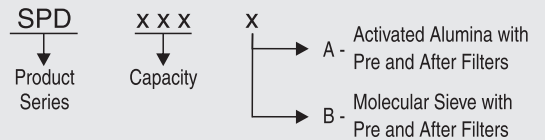
Base Model	Airflow		Inlet/Outlet	Dimension, mm			Weight, Kg
	m <sup>3</sup> /h	cfm		A	B	C	
SPD 010	17	10	G 3/8"	210	135	510	16
SPD 015	25	15	G 3/8"	210	135	775	20
SPD 025	48	25	G 3/4"	430	163	680	26.5
SPD 040	72	40	G 3/4"	430	163	930	34
SPD 060	108	60	G 3/4"	430	163	1130	43
SPD 100	162	95	G 1"	430	163	1480	53
SPD 150	252	150	G 1½"	589	335	1475	110
SPD 250	420	250	G 1½"	763	335	1475	156
SPD 350	600	350	G 1½"	937	335	1475	202
SPD 500	840	500	G 2"	1111	335	1475	246
SPD 700	1200	700	G 2"	1296	335	1475	307
SPD 900	1500	900	G 2½"	1470	335	1475	340



### WORKING CONDITIONS:

Working pressure	: 4 bar to 10 bar	max. 12.5 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.
- Amply 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 Limited

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

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

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

Regional Office Email: chennai@gemindia.com • mumbai@gemindia.com • kolkata@gemindia.com

Channel Associates: Ahmedabad • Aurangabad • Bengaluru • Bhopal • Chandigarh • Cuttack • Delhi • Hyderabad • Jamshedpur • Lucknow • Madurai • Nagpur • Nasik • Pune • Rajkot • Sangli • Sivasagar • Surat • Vadodara • Visakhapatnam