

Super Pack

Desiccant Compressed Air Dryers

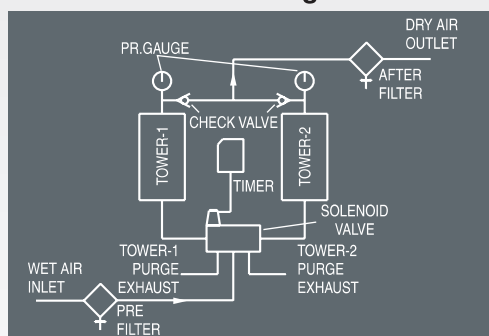


Manufactured under license from ORION - Japan

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

SUPER PACK

DESSICANT COMPRESSED AIR DRYERS

TECHNICAL SPECIFICATION:

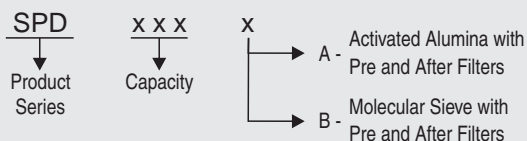
Base Model	Airflow		Inlet/Outlet	Dimension, mm			Weight, Kg
	m³/h	cfm		A	B	C	
SPD 010	17	10	G 3/8"	315	136	560	16
SPD 015	25	15	G 3/8"	315	136	760	20
SPD 025	48	25	G 3/4"	345	160	680	26.5
SPD 040	72	40	G 3/4"	345	160	930	34
SPD 060	108	60	G 3/4"	345	160	1130	43
SPD 100	162	95	G 1"	345	160	1480	53
SPD 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.
- 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.

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