

INSTALLATION INSTRUCTIONS DISPOSABLE CARTRIDGE SG-23

FOR IN-LINE DESICCANT DRYER MODEL ID15/SW
AND MINI DRYER MODEL MD4/SW
VAN AIR PART NUMBER: 26-0888

WHEN TO REPLACE CARTRIDGE:

Crystals in cartridge as seen through sight window of housing will change from blue to pink when silica gel in cartridge is saturated with moisture. Install fresh cartridge when crystals turn to pink.

WARNING

BEFORE INSTALLING NEW CARTRIDGE, READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

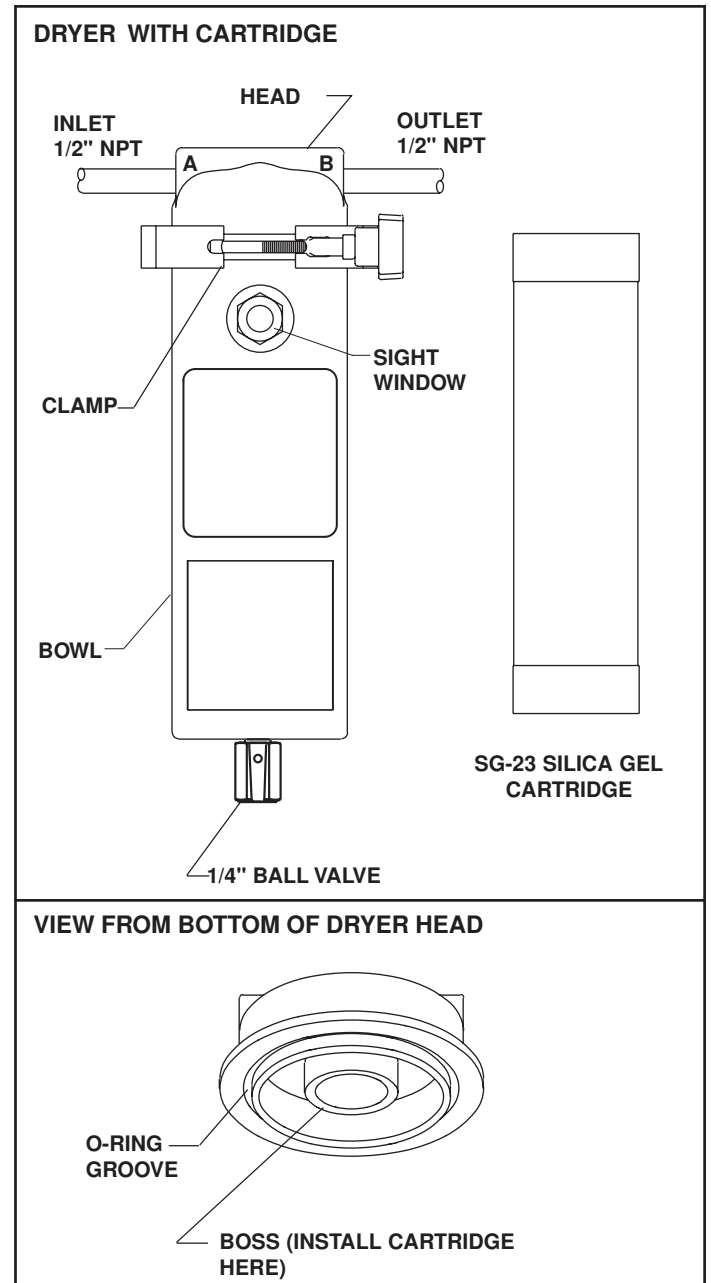
REPLACING OLD CARTRIDGE:

1. Close inlet and outlet shutoff valves (and open bypass if provided); or lock out all compressed air supply to dryer housing.
2. Slowly open ball valve on bottom of housing and allow unit to depressurize completely.

WARNING

DO NOT REMOVE BOWL FROM DRYER HEAD UNTIL VESSEL IS COMPLETELY DEPRESSURIZED.

3. Grasp bottom portion of housing (Bowl) with one hand and turn clamp knob with the other to loosen. Slide clamp down and off vessel.
4. Remove used cartridge from head and discard the cartridge.
5. Remove new cartridge from packaging.
6. Push new cartridge onto boss of dryer head.
7. Reinstall bowl and clamp. Make sure that the bowl is tight against the head and the o-ring is correctly seated in the groove.
8. Close the ball valve and slowly pressurize the vessel. If any leaks occur, depressurize vessel completely and correct the problem before repressurizing.





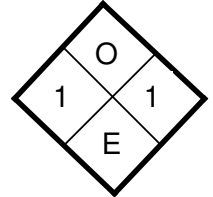
Material Safety Data Sheet

Section 1 – Chemical Product Information

Date Prepared: May 1, 2000

Product: **Silica Gel (Indicator & Non-Indicator)**
Indicator (Sorbead Blue); Non-Indicator (Sorbead R, H, WS & 22)

Part No.: 33-0105, 33-0243 thru 33-0247, 33-0248, 33-0249, 33-0315, 33-0316, 33-0317 & 38-0106



Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Silica, Amorphous, SiO ₂ (CAS No. 7631-86-9)		6 Mg/mm ₃	(No Hazard)	96.5
Alumina, AL ₂ O ₃ (CAS No. 1327-36-2)			(No Hazard)	3.0
Cobalt Chloride, CoCL ₂ (Indicator Only) (CAS No. 7646-79-9)			Harmful	0.5

The synthetic aluminosilicate in this product is amorphous and does not contain any crystalline forms. It should not be confused with crystalline silica or any other naturally occurring forms that normally contain crystalline silica.

Section 3 – Physical Chemical Characteristics

Boiling Point:	Not applicable.
Specific Gravity (Water=1):	Not applicable.
Vapor Pressure (mm Hg):	Not applicable.
Melting Point:	>1,000°C
Vapor Density (Air=1):	Not applicable.
Solubility in Water:	Insoluble.
Evaporation Rate (Butyl Acetate=1):	Not applicable.
Appearance and Odor:	Indicator = blue (dry) or pink (wet) odorless beads – 3.5 mm diameter. Non-Indicator = brown or white odorless beads – 3.5 mm diameter.

Section 4 – Fire and Explosion Hazard Information

Flammable Properties	
Flash Point:	Not applicable.
Method Used:	Not applicable.
Flammability Limits	
LEL:	Not applicable.
UEL:	Not applicable.
Fire Fighting Instructions:	Non-flammable.
Extinguishing Media:	As necessary for surrounding fire.
Unusual Fire and Explosion Hazards:	When handling near flammable gases or vapor take precautionary measures against static discharges.

Section 5 – Reactivity Information

Stability (Conditions to avoid):	Stable. (Handling near flammable gases or vapors.)
Incompatibility (Materials to avoid):	None expected.
Hazardous decomposition/byproducts:	None expected.
Hazardous Polymerization:	Will not occur.

Section 6 – Health Hazard Information

Potential Health Effects:	Inhalation, ingestion, skin and eye contact.
Health Hazards (acute and chronic):	None known.
Carcinogenicity:	No.
NTP:	No.
IARC Monographs:	No. (Yes for indicating material)
OSHA Regulated:	No.
Signs and Symptoms of Exposure:	Generally aggravated by exposure desiccant action may cause skin dryness or eye irritation. NOTE: Indicator Only – LD50 (oral, rat): 766 Mg/Kg (for Cobalt Chloride Hexahydrate, RTECS 1985-86).
Emergency and First Aid Procedures	
Eyes:	Flush with water for at least 15 minutes.
Skin:	Wash with soap and water.
Inhalation:	Remove to fresh air. If unconscious seek immediate medical attention.
Ingestion:	
Physicians Note:	Indicator Type Only: Beads impregnated with Cobalt Chloride, therefore induce vomiting if victim has swallowed large quantities.

IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION

Section 7 – Precautions for Safe Handling and Use

Small/Large Spills:	Sweep or shovel up immediately due to slippery conditions (beads). Dispose at appropriate waste disposal facility.
Waste Disposal Method:	Comply with local regulations for non-hazardous chemical disposal.
Handling & Storage:	Keep containers tightly closed and store in a cool, dry place.
Other precautions:	Take precautionary measures against static discharge when handling near flammable gases or vapors. Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.

Section 8 – Control Measures

Respiratory Protection (specific type):	Use a NIOSH approved dust mask if excessive dust is present.
Ventilation:	Natural ventilation or local exhaust. Mechanical, Special and other Exhaust – Not applicable.
Protective Gloves:	None required however follow good personal hygiene practices.
Eye Protection:	Safety glasses or goggles for dust and dirt.
Other Protective Clothing & Equipment:	Work clothes and work gloves.
Work/Hygienic Practices:	Wash thoroughly after handling.