INSTALLATION INSTRUCTIONS
IN-LINE DESICCANT DRYER
MODEL ID15/SW

VAN AIR PART NUMBER: 38-0125

FOR DRYING COMPRESSED AIR OR GAS TO -40°F PRESSURE DEW POINT

INSTALLING ID15/SW DRYER:

1. Locate dryer as close as possible to equipment to be protected.
2. Where condensed moisture is present in the air line, install a separator with drain valve upstream of dryer.
3. Install inlet and outlet valves for isolating dryer during cartridge change.
4. Check markings on head of vessel; then connect inlet piping to side marked "A" and outlet to side marked "B".
5. If there are any sudden air surges downstream of dryer, install a flow control device after the dryer.
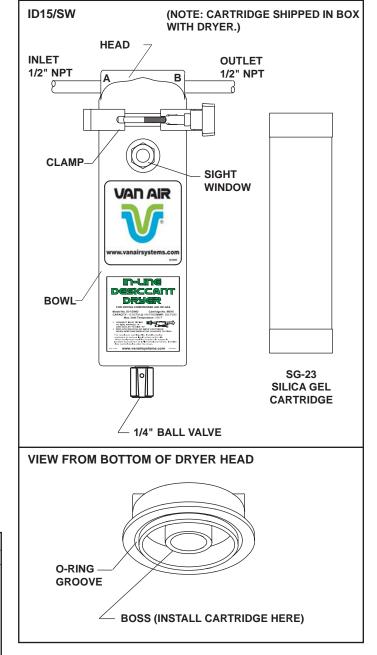6. Install SG-23 cartridge as outlined below.

INSTALLING SG-23 CARTRIDGE:

1. Close dryer inlet and outlet shutoff valve. Slowly open drain on bottom of bowl until vessel is completely depressurized.
2. Grasp bottom portion of housing (bowl) with one hand and turn clamp knob with the other to loosen. Slide clamp down and off vessel.
3. Remove used cartridge from head and discard the cartridge.
4. Remove new cartridge from box and vapor seal bag.
5. Push new cartridge onto boss of dryer head.
6. Reinstall bowl and clamp. Make sure that the bowl is tight against the head and the o-ring is correctly seated in the groove.
7. Close the ball valve and slowly repressurize the vessel. If any leaks occur, depressurize vessel completely and correct the problem.

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.

REPLACEMENT PARTS	
DESCRIPTION	**VAN AIR PART NO.**
DRYER HEAD	201-00052
DRYER BOWL	201-02000
SG-23 CARTRIDGE	26-0888
1/2" NPT SIGHT GLASS	551-00400
HOUSING O-RING	475-00235
HOUSING CLAMP	471-00100
1/4" NPT BALL VALVE	290-00011

ID15/SW (NOTE: CARTRIDGE SHIPPED IN BOX WITH DRYER.)

HEAD

INLET 1/2" NPT   A   B   OUTLET 1/2" NPT

CLAMP

SIGHT WINDOW

VAN AIR
www.vanairsystems.com

IN-LINE DESICCANT DRYER

BOWL

1/4" BALL VALVE

SG-23 SILICA GEL CARTRIDGE

VIEW FROM BOTTOM OF DRYER HEAD

O-RING GROOVE

BOSS (INSTALL CARTRIDGE HERE)

VAN AIR SYSTEMS