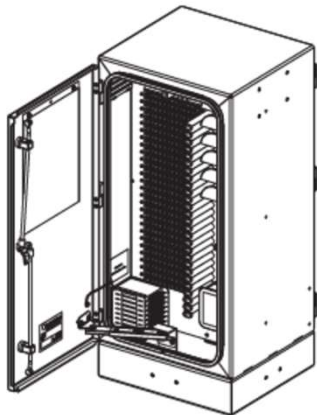


# Cabinet Maintenance Tips

FSC PON Cabinet (prior to ~September 2021 *RETIRED*)  
FDH – our newest PON Cabinet

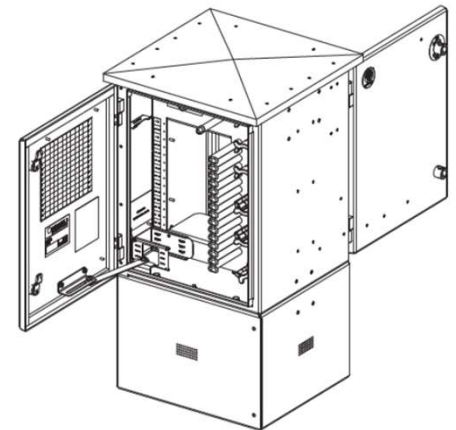


288 Port - Front

RETIRED



# CLEARFIELD



144 with 12" (304.80 mm) Riser

New Design



New cabinet roof design now has a built-in solar shield and pitched roof overhanging the doors allowing for better water runoff and element protection.



New venting holes with removeable filter on the inside.

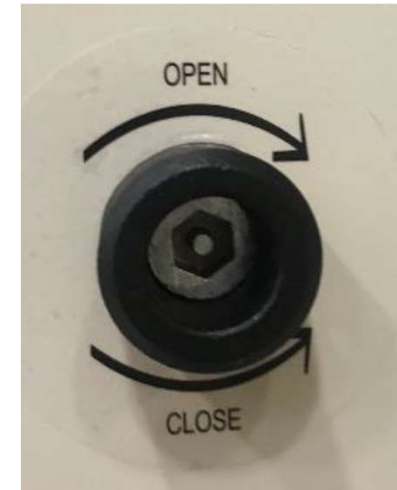


GoreTex Filter - 020800

Gore-Tex filter has been added to the underside of the roof. **NEEDS CLEANED** every 6 months with water



Ensure door closure rods (on *RETIRED*) are straight and not bent  
Retired lock – 1 - center of door

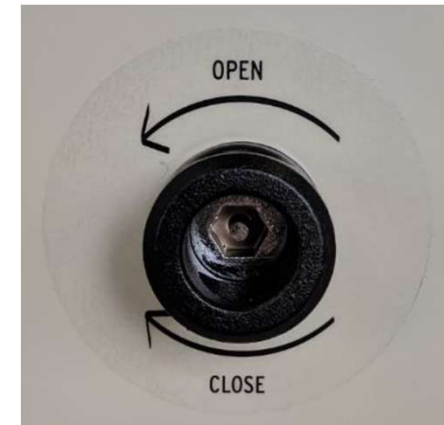


*RETIRED* locking positions

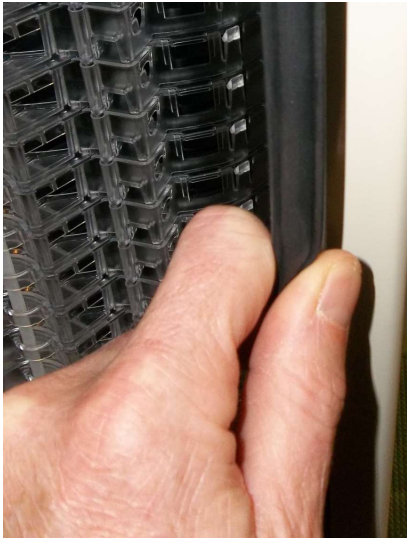


Ensure door closure “tabs” are not bent (new design). Both are closed when turning key right, open when turning left. (changed from retired lock)

2 on each door – top and bottom. Be sure both are engaged for a tight seal.



NEW locking positions



Ensure bulb seal on cabinet is not  
ripped or torn and is attached  
properly.  
Retired and New Design



Ensure there is no contamination in the bulb  
seal that will prevent cabinet seal  
CLEAN with soap and water  
Retired and New Design

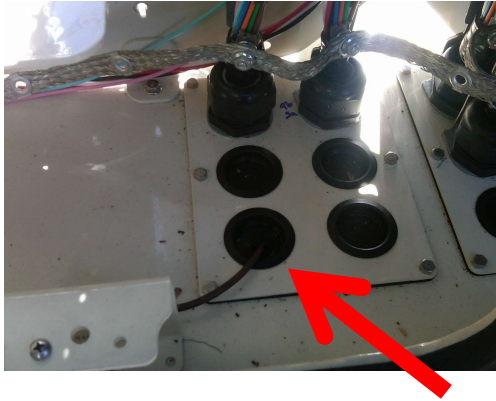


Check grounding  
strap is not  
interfering with  
door closure



Check to see if feed  
through plate  
is present and in good  
condition





Ensure that any ground wires that enter cabinet through the plastic sealing plugs are fully sealed with RTV.



Ensure feed thru plate is tightly attached to cabinet base.  
All 6 bolts in place

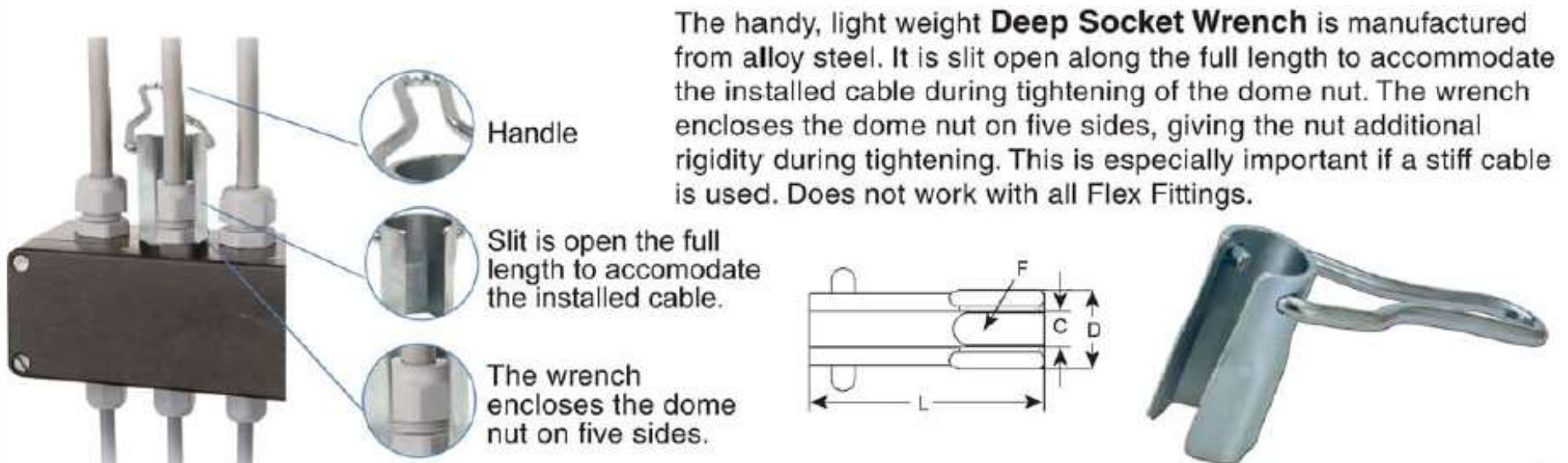


Make sure Sealcon fittings are tight around cables and are tightly attached to feed through plate. Also ensure sealing plugs are in all unused holes.



As an added precaution (to reduce moisture build up) it may be necessary to RTV around the sealing plugs and feed through plate.

# In patch and splice applications it may be necessary to use deep socket wrenches to tighten Sealcon Fittings



One of each style wrench (40mm and 42mm) is needed to tighten the 1" watertight fitting used on all FieldSmart cabinets

Clearfield Part Numbers	013190	013191
Wrenching Flats (F)	1.57" (40mm)	1.65" (42mm)
Length (L)	3.94" (100mm)	3.94" (100mm)
Inner Diameter (C)	.98" (25mm)	1.06" (24.7mm)
Outer Diameter (D)	2.07" (52.5mm)	2.15" (54.5mm)



If Sealcon cannot be tightened sealant tape can be used to seal them.



Moisture absorbers may assist in keeping cabinet dry. Available at:  
<http://www.rainbowtech.net/products/?cat=578>



Holes may be drilled in cabinet base to aid in air flow. 1/8<sup>th</sup> inch max hole size to minimize insect intrusion.

