

Phil Eggers

To: Phil Eggers
Subject: FW: some install pics of the retrofit, and thanks.

From: Leroy Jordan
Sent: Wednesday, August 31, 2016 6:16 PM
To: Phil Eggers <phil.eggers@beaconmedaes.com>
Cc: Dave Williams <dave.williams@beaconmedaes.com>
Subject: some install pics of the retrofit, and thanks.

So here you can see that the rubber foot sits slightly more to the front of the new pump on bottom. This pushed back the pump just a little in front but worked out right because the filter housing clips were always getting bound up on the overhead steel frame, and now they are behind it and free to clip and unclip.



This pic shows how when you bring the original config straight down to the below channel, it puts the top clips leaning directly into the channel steel. Now we are just inside the framing and the clips open and drop the filter cover nicely.



This just shows the new starter and you can imagine the future will accommodate the rest.



This is unrelated but a good example of what I do not like about much of our equipment. Our equipment sits in a nice little framed section on the floor and with our recommended distance from the wall, techs could easily walk around and work on the equipment. The control box has knock-outs on top so the electricians and alarm guys will run their conduit up to the ceiling first, then over to the wall. We walk right under it no problem. That is a good thing. Then we get to the pipe connections / the bad thing. They go straight to the guys that do not care, the “Pipe Installers”. If the pipe connection is horizontal, they will run pipe strait off and to the wall blocking all ability to work. Maybe if the connection was vertical, those guys would run the pipe up first, like the conduit run by the electricians.



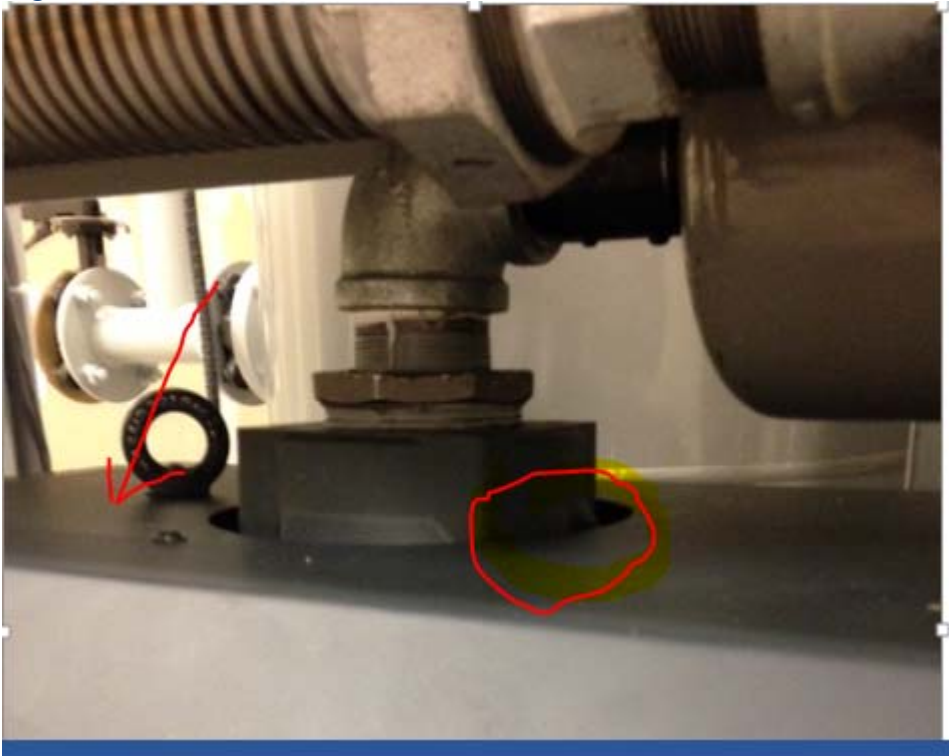
This pic shows the motor's electric box. Unfortunately it sits very close to the frame and makes it difficult to wire up. Not impossible though.



This shows the valve handle that I had to cut in order to accommodate the bigger motor and still open and close fully. Short but still easily works.



I had to install a 3" x 2" bushing on this larger pump. If you have to remove the "Pump to NPT adapter, it comes with 3 bolts holding it down. The red circle is one of the bolts and it is halfway under the sheet metal cover (pain). The adapter is bigger than the hole it protrudes, so you have to remove the oil cover plate first. Tight tolerances here.



Here you can see the new bottom pump protrudes out the back about 8 inches further than the older pump motor over it.



Just another view point. This Danfoss Drive to Standard config was a very interesting retrofit I enjoyed very much. Thanks for all your help.



Best regards,

Leroy Jordan
Medical Gas Equipment Service Specialist

BeaconMedaes
1800 Overview Dr

Rock Hill, SC 29730

Phone: [480-440-7833](tel:480-440-7833)
E-mail: leroy.jordan@beaconmedaes.com

Visit BeaconMedaes at <http://www.beaconmedaes.com>

Life is in the Details