ThermoFlex Wide

Modify from UDRC-BP with External Venting to UDRC-BF or -LF

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Revision History

Revision	Date	Author	Comments
A	30 Sept 2004	ADobric	First Release

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1. TOOLS NEEDED

- small flathead screwdriver
- 4mm hex key

2. PARTS NEEDED

- UDRC-BP with External Venting to UDRC-BF 518-00901,
- UDRC-BP with External Venting to UDRC-LF 518-00902 (WH-GRY), or
- UDRC-BP with External Venting to UDRC-LF 518-00903 (LT-GRY)

See individual kits for a listing of specific items.

OPTIONAL:

- UDRC Sound Reduction Kit 512-00048

  All UDRCs with manufacture number above 939 have this sound reduction kit already installed. This upgrade can be performed at a later date.
  This kit is only required if there is any concern of the customer with respect to the noise from the UDRC cabinet.

3. OTHER DOCUMENTATION

Accompanying documentation from associated kits including:

- 709-00002 (Final Assembly of UDRC-BF, -LF, and -LC)
- 73-3738 (UDRC-L Common Assembly)

4. PROCEDURE

4.1 Disconnect and prepare the UDRC for upgrade

Note: This procedure applies to both the -B and -L configurations of the Universal Debris Removal Cabinet (UDRC). The photos within show the UDRC-L. The UDRC-B is similar, but does not have the backpack and its associated cabling.

1. Disconnect the debris removal hose, external venting connection, power cord, and control cables from the UDRC.
2. Open the cabinet lid and remove the filter assembly.
   - 16” particulate filter
   - particulate filter spacer (star-shaped) – keep this for later installation
3. Close the lid.

4.2 UDRC-BF and UDRC-LF upgrade

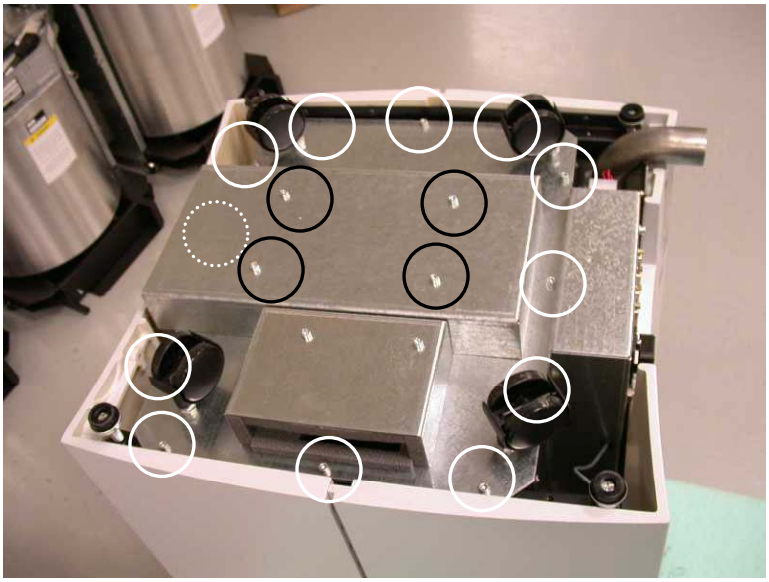
No special procedure is necessary for upgrading to the UDRC-BF configuration. Only replace the external venting bulkhead with the block-off plate (57-9006).

Optional: If required, during this procedure, upgrade the sounds reduction baffles.

1. Place a large piece of foam on the floor. Tip the UDRC over and lay it carefully on its side on the foam.

   Remove the bottom panel of the URDC by unfastening the 4 M5 screws of the rectangular baffle and the 12 M5 screws for the bottom panel. See Figure 1.

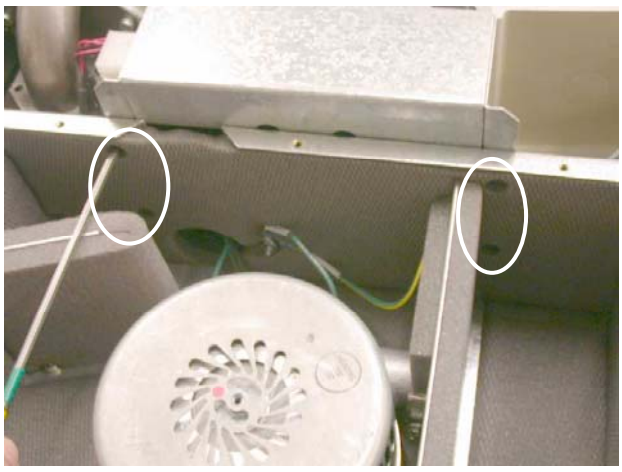
   Early UDRCs require the removal of only 6 M5 screws.

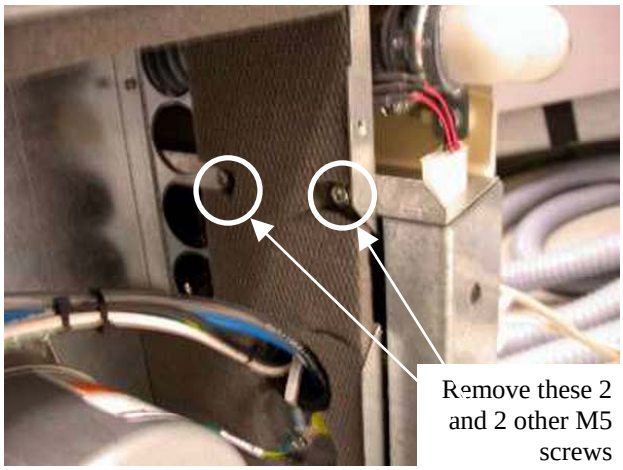


Unfasten the 4 black-circled and then the 12 white-circled screws

Figure 1: UDRC bottom panel

2. Remove the 4 screws from the electrical interface panel for free movement. See Figure 2.





Remove these 2 and 2 other M5 screws

Newer UDRC Older UDRC

Figure 2: Loosening the electrical interface panel

3. Disconnect the inner 1¼" hose from the bulkhead. Remove the bulkhead assembly on the electrical interface panel. Keep the two screws. See Figure 3.

   Note: Be careful not to damage any boards and connections when removing the bulkhead from inside the electrical interface panel.

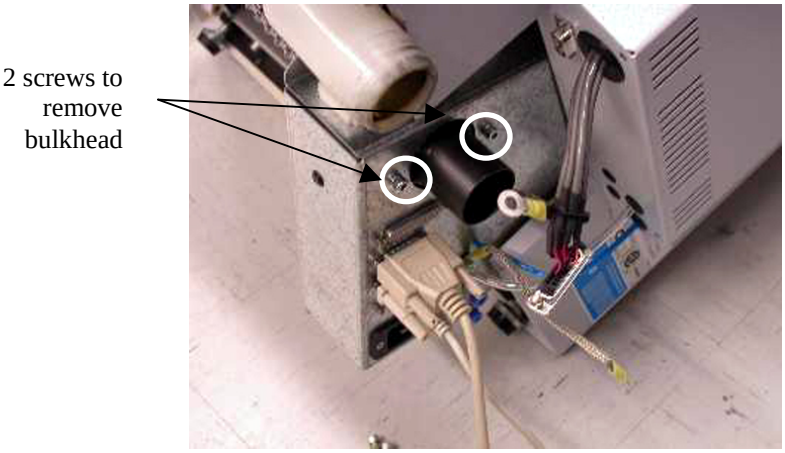


Figure 3: Bulkhead assembly removal

4. Install the blocking plate (57-9006) with the previous two screws. See Figure 4.

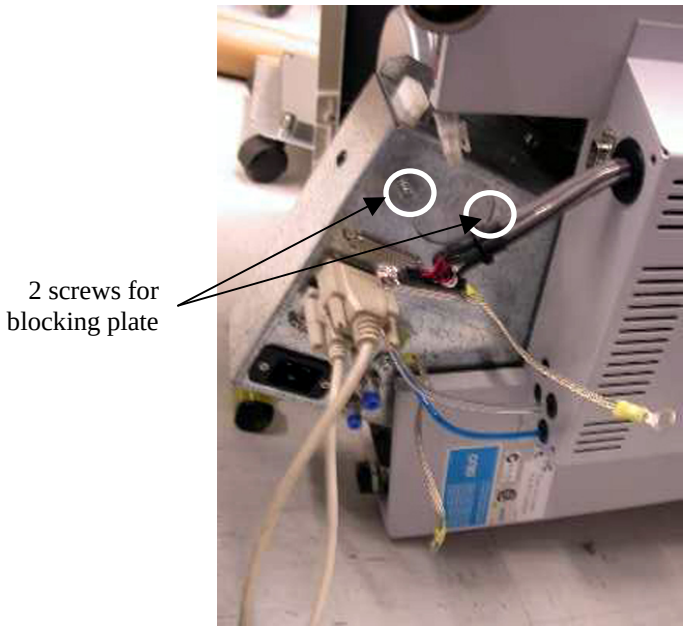


Figure 4: Installing the blocking plate

5. Re-attach the electrical interface panel to the UDRC body by re-installing all 4 screws.
6. Cut back ~40 cm (16") of the hose to allow fitting within the baffles around the blower.

   If there is no baffle assembly, please install the sound reduction upgrade for the UDRC (512-00048B).

   Replace the bottom panel and rectangular baffle.

4.3 UDRC-LF upgrade

For the UDRC-LF upgrade, it is required to install and connect the backpack to the base UDRC and the I-button assembly inside the UDRC.

Please follow the instructions detailed in the document 73-3738.

4.4 Completion of upgrade

1. Please see document 709-00002 for a detailed description of the complete UDRC for use with chemical filtration.

2. Attach the new model configuration sticker (74-3400 = UDRC-BF or 74-3335 = UDRC-LF) to the lower left of the rear panel, covering the previous model sticker.

   Remove the External Venting Option label (382-00568A).

3. Ensure the complete filter assembly is in the UDRC. From bottom to top:
   - the chemical filter spacer (round ring) (57-9014),
   - the chemical filter (50-2315),
   - the particulate filter spacer (57-8697), and
   - the 12” particulate filter (252-01131)

4. Re-connect the UDRC communication cables and the power cord.

5. Update the UDRC firmware parameters for the UDRC-BF or -LF option. See the media tech notes on TechPlanet - the media list is at
   http://techplanet.creo.com/consumables/media/nav/medialist.htm

   For example, on ThermoFlex Wide II:
   Activate the UDRC base mode of operation:

```
Flexo>> access enable
Flexo>> option debris udrcb disable
Flexo>> option debris udrcl enable
Flexo>> reset
```

   For the UDRC-LF, ensure all media are set up to the UDRC-L operation:

```
Flexo>> set media <n> debrisoptions 9
```

   For the UDRC-BF, ensure all media are set up to the UDRC-B operation:

```
Flexo>> set media <n> debrisoptions 3
```