



## INFORMATION BULLETIN

**ISSUE DATE:** May 26, 2009  
**TO:** Service Centers  
**FROM:** HWH Corporation  
**RE:** Tightening Hose Ends

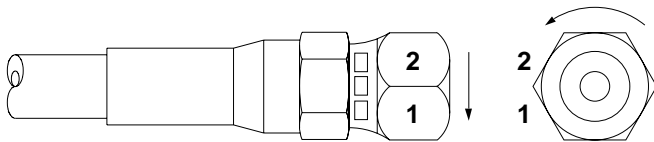
### TIGHTENING OF HOSE ENDS

Proper tightening of hose ends is important. If too loose, the connection will leak. The connection can be properly tightened to eliminate the leak. If the connection is over tightened, the connection will leak. Over tightening a connection will damage the hose end and fitting. The hose end or hose assembly along with the fitting will have to be replaced.

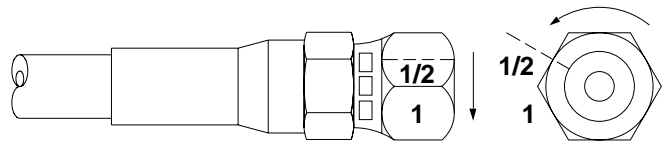
If a connection is leaking but seems tight, DO NOT try to tighten the connection more. First loosen the connection then re-tighten properly. If the leak continues, the hose end or hose assembly and the fitting will have to be replaced.

### HOSE TIGHTENING PROCEDURES

**New hose ends:** If the hose end is new and has never been tightened onto a fitting, first make sure the threads of the hose end and fitting are clean and un-damaged. Dirt or damaged threads may hinder the proper tightening of the hose end. Then, thread the swivel end of the hose end onto the fitting until the flares of the fitting and the hose end make contact, finger tight or snug. Finally, using backup wrenches as necessary to keep the hose from twisting or the fitting from moving, tighten the hose swivel 2 flats or 1/3 of a turn. Any more can damage the flare of the hose end and/or fitting causing a leak. If this happens, re-tightening will not stop the leak. The hose end and fitting should both be replaced.



**NEW HOSE END - 2 FLATS OR 1/3 TURN**



**USED HOSE END - 1 1/2 FLATS OR 1/4 TURN**

**Used hose ends:** If the hose end being tightened has been used, follow the above instructions except only tighten the swivel 1 to 1-1/2 flats or approximately 1/4 of a turn. In no case should Teflon tape or any thread sealant be used on hose ends.