

18. Warranty

18.1 Warranty

General

This unit is warranted by Intellihot Inc., and covers defects in materials and workmanship, subject to the applicable time periods and terms below. The warranty effective start date begins on the date of commissioning.

This warranty is extended to the original purchaser and any subsequent owner at the original installation location, and applies only when properly installed by a licensed contractor and operated in accordance with the instruction manuals. This warranty is limited to repairs or replacement of parts, at Intellihot's option, that are proven to be defective under normal use and connected only to potable water systems.

Warranty Period

Commercial Domestic Hot Water (DHW) Warranty: Heat Engine coil - 6 years, Other Parts - 1 years.

Heat Engine Coil

The warranty period for a heat engine coil failure, when installed in a Commercial DHW application is six (6) years from the effective start date.

All Other Parts and Components

The warranty period for any original parts (excluding the heat engine coil) against failure, is one (1) years from the effective start date. A replacement part is warranted for the unexpired term of the original warranty. Defective parts submitted can not be returned. No returns will be accepted without prior authorization from Intellihot.

Definition of Potable water

Potable water is defined as drinkable water supplied from utility or well water in compliance with EPA secondary maximum contaminant levels (40 CFR part 143.3) as shown in the table.

Contaminant	Level
Aluminum	0.05 to 0.2 mg/l
Chloride	250 mg/l
Color	15 color units
Copper	1.0 mg/l
Corrosivity	Non-corrosive
Fluoride	2.0 mg/l
Foaming Agents	0.5 mg/l
Iron	0.3 mg/l
Manganese	0.05 mg/l
Odor	3 threshold odor number
pH	6.5-8.5 mg/l
Silver	0.1 mg/l
Sulfate	250 mg/l
Total dissolved solids (TDS)	500 mg/l
Zinc	5 mg/l

Shipping Costs

If a replacement part is supplied under the terms of this warranty, Intellihot provides ground service delivery for the part free of charge. Any expedited shipping expense is paid by the customer.

Water Hardness Criteria

This warranty applies only when the water quality and supply meet the parameters outlined in the table below.

To use the table, locate the desired unit setpoint temperature on the left side of the table. Then locate the incoming water pressure across the top. The corresponding value in the table is the maximum allowable hardness in grains per gallon (gpg).

Maximum Allowable Hardness (grains per gallon, gpg)						
Unit Setpoint (°F)	Incoming Water Pressure (psi)					
	30	40	50	60	80	100
100-120°	8	15	20	25	30	30
120-140°	5	11	15	20	27	30
140-160°	4	5	11	13	18	20
160-190°	3	4	10	12	15	17

Not Covered by this Warranty

This warranty does not cover failures or problems due to:

- Failure to install in accordance applicable building codes, ordinances, normal plumbing, or electrical trade practices.
- Improper installation, improper use, improper maintenance, improperly made replacements or repairs, accidents or abuse.
- Sediment deposits, fire, flood, lightning, freezing, and acts of God, or any causes other than defects in materials and workmanship.

This warranty is void and has no effect if:

- The unit is modified or altered in any way.
- Appliance(s) or equipment attached to the unit that have not been approved by Intellihot Inc.
- The unit is used exclusively as a booster heater for a commercial dishwasher, or if the water from a reverse osmosis or deionized process is run directly through the unit.
- The serial number is altered, defaced, or discarded.

Warranty Limitations

This warranty applies only when the unit is used in the United States or Canada. Except for the limited warranties provided above, Intellihot Inc. disclaims any and all other warranties, including but not limited to warranties of merchantability and fitness for a particular purpose, provided however, that implied warranties of merchantability and fitness for a particular purpose are not disclaimed during the 1-year period from the effective date. Intellihot shall not be liable for indirect, special, incidental, consequential, or other similar damages, including lost profits, arising from or relating to the unit. This warranty gives you specific legal rights, and you can also have other rights which vary from state to state.