The RAQ series “AquaTherm” air handler completely eliminates the need for an expensive “equipment closet” by simply recessing into a wall. This product can save over $200 per unit on installation costs. Each air handler includes a cooling coil, a separate hot water coil, circulating pump, air purge valve, anti-thermosyphon check valve, flue gas door switch, 120V blower motor, throw away filter, and 24V transformer. **No special water heater is required!** Contact the factory for assistance in sizing. **First Co’s customer is ultimately responsible for confirming which fan coil models are compatible with selected outdoor unit(s) and which expansion valves (if any) are required.** To determine approved indoor/outdoor matches, go to [www.firstco.com](http://www.firstco.com) or contact the factory.

When space heating is needed, the wall thermostat energizes the circulating pump which circulates hot water (135-140°F) from the water heater to the hot water coil in the air handler. As the fan motor forces cool return air from the home over the hot water coil, the air absorbs heat from the hot water. This warm air (105-110°F) is then circulated throughout the duct system and into the home. The water leaving the hot water coil is then returned to the water heater to be reheated.

**NEW FEATURE! EASY ACCESS CHECK VALVE**

**FEATURES:**

1. Built-in circulating pump, air purge valve, and anti-thermosyphon check valve
2. **Piston-type** metering device on cooling coil
3. Flue gas door switch - This will not allow the blower motor to operate without the service door in place. Therefore products of combustion from the water heater flue cannot be delivered through the duct system and into the living space
4. **Copper tube, aluminum fin** heating and cooling coils
5. Compatible with all properly sized gas or oil-fired water heaters
6. Compatible with most major brands of split condensing units
7. Factory installed filter
8. Attractive “Picture Frame” type access panel with baked-on white finish
9. Primary and secondary cooling coil drain connections
10. Optional freeze protector for hot water coil is Part No. **941-1** (brings pump on below 38°F)
RAQ Series
DX COOLING
HOT WATER HEATING

Catalog No. RAQ306NP (Replaces RAQ206NP)

NOTES:
1. Optional wall panel has separate frame that attaches to wall studs.
2. Dimensions of wall panels include frame.
3. Wall panels are off-white in color and paintable.

In keeping with its policy of continuous progress and product improvement, First Operations reserves the right to make changes without notice. Maintenance for all First Co. products is available under “Product Maintenance” at www.firstco.com.

(1) Hanger bracket attaches to closet wall to allow hanging of air handler inside closet. Not required for wall mounting.

NOTES:
1. Motors are 120V and operate on high speed for both heating and cooling.
2. Condensate drains exit out bottom of drain pan, simplifying installation.
3. Removable bottom panel offers simple, easy access to condensate drains.
4. Blower Data is for 3-row hot water coil units. 2-row units will have slightly higher CFM.
5. Approved for installation with 0” clearance to combustible material.