

## M10286 - FIGHTER 2005 docked to firewood boiler together with hot water heater (solid condensation).

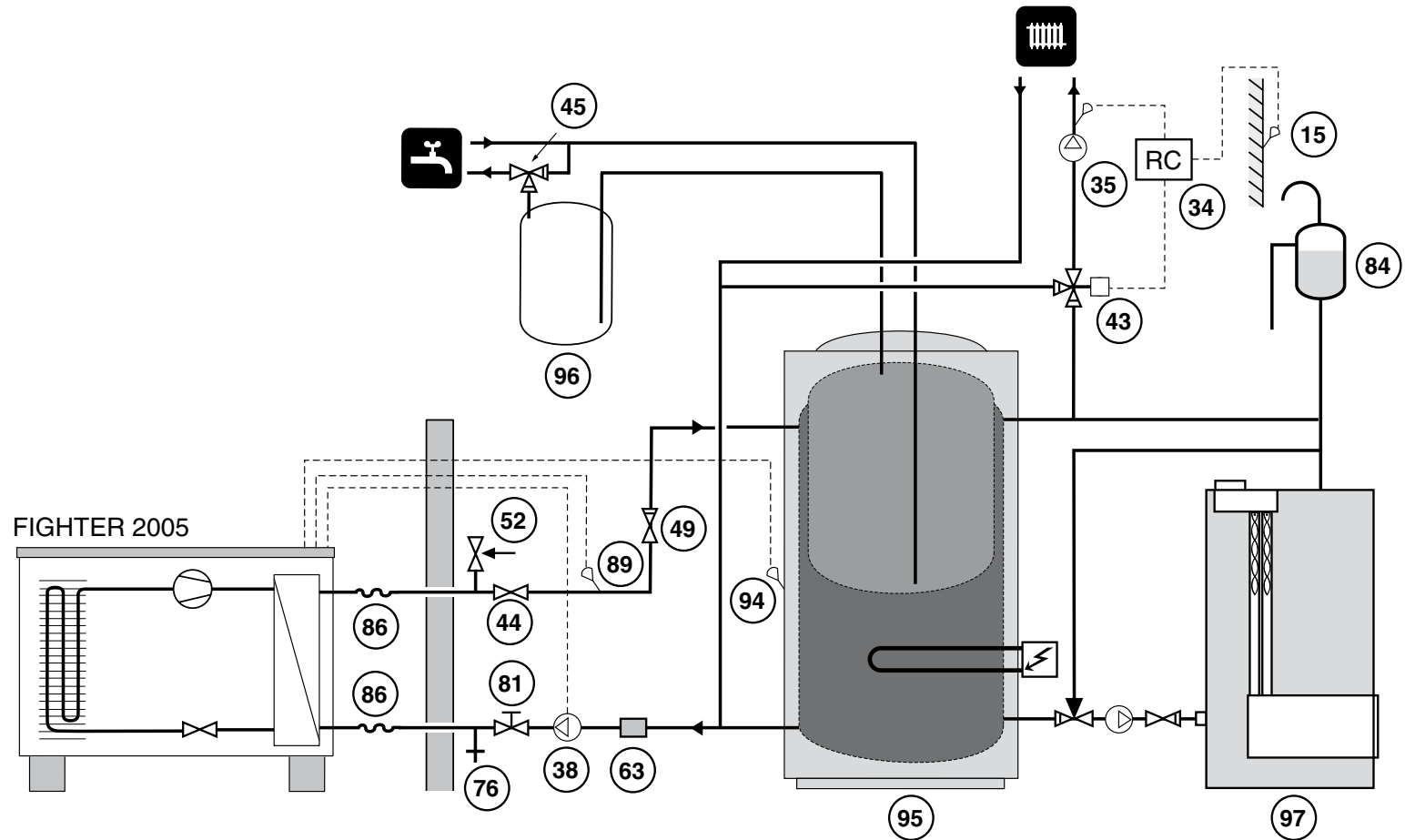
### Application

Replacing existing air/water heat pump or supplementing existing wood fired boiler.

### Function

FIGHTER 2005 loads the hot water heater/ accumulator tank (95). When the wood fired boiler is in use, the heat pump and immersion heater are disconnected when the temperature rises on the temperature sensor (94) and start again when the temperature reduces. Self-circulation through the heat pump is prevented by the check valve (49). The return sensor (94) is placed in the submerged tube on the accumulator tank. The fan in FIGHTER 2005 works in stage 1 or stage 2 depending on the outdoor air temperature and the heating requirement. An electrical hot water heater is fitted after the electric boiler's water heater to ensure a higher hot tap water temperature.

The outline diagram is equipped with accessories.



See the appropriate "Installation and Maintenance Instructions" for more information.

Note! This is an outline diagram. Actual installations must be planned according to applicable standards.

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## List of Components

Pos	Name	Specification	Manufacturer	Part No.	Remarks
15	Outside temperature sensor	any existing			
34	Control box	any existing			
35	Circulation pump	any existing			
38	Charge pump				
43	Shunt valve	any existing			
44	Shut-off valve				
45	Mixer valve				
49	Non-return valve				
52	Safety valve				
63	Particle filter		NIBE		Included in FIGHTER 2005
76	Tapping valve				
81	Control valve				
84	Level vessel				
86	Flexible hoses		NIBE		Included in FIGHTER 2005
89	Flow line sensor		NIBE		Included in FIGHTER 2005
94	Return sensor		NIBE		Included in FIGHTER 2005
95	Accumulator with water heater	e.g. VPA			
96	Water heater		NIBE		
97	Wood-fired boiler				