

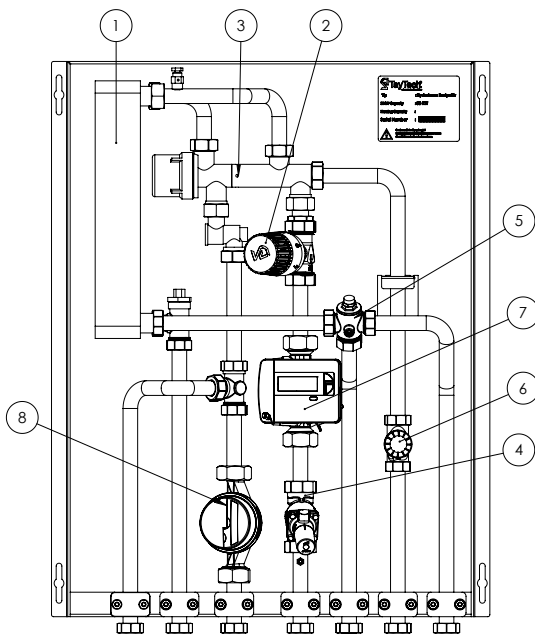


HYDROHEXA

FUNCTIONAL DESCRIPTION

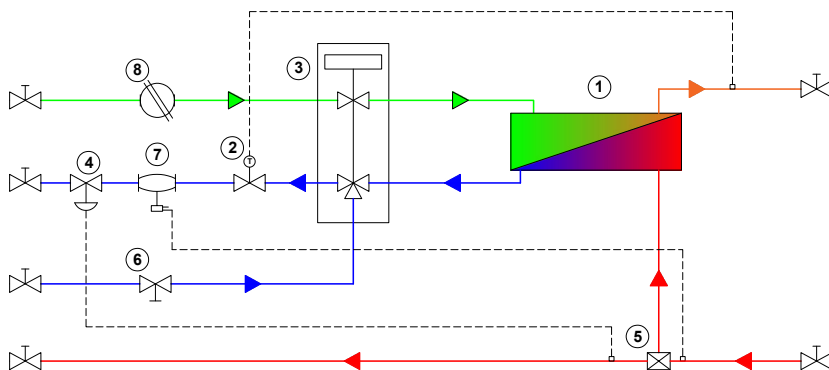
HydroHexa is used to prepare the domestic hot water and balancing on the primary side. It can work for extended period of time without accumulation of calcification because the heat exchanger is able to remain cold by itself. HydroHexa has proportional hydraulic controller to get the maximum efficiency and has the priority of generating hot water. It provides low return temperatures at the primary side. It is suitable for using with condensing boilers. Material of heat exchanger and pipes are AISI 316 quality stainless steel and HIU can work efficiently in conjunction with aluminum radiators. HydroHexa have differential pressure valve, hydraulic controller and zone valve that are working together towards obtaining perfect balance in the system.

COMPONENTS



1. Domestic Hot Water Heat Exchanger
2. Thermostatic Valve
3. Proportional Hydraulic Controller
4. Differential Pressure Valve
5. Diverter + Strainer
6. Zone Valve
7. Heat Meter
8. Water Meter

SCHEMATIC LAYOUT



1. DHW Heat Exchanger
2. Thermostatic Valve
3. Proportional Hydraulic Controller
4. Differential Pressure Valve
5. Diverter + Strainer
6. Zone Valve
7. Heat Meter
8. Water Meter

CAPACITIES / TECHNICAL INFORMATIONS

TYPE	Domestic Hot Water			Supply Temperatures		Supply Flow Rate	
	Heat Transfer Capacity (kW)	Flow (l/min)	Temperature (°C)	65°C Primary Inlet	80°C Primary Inlet	65°C Primary Inlet	80°C Primary Inlet
				Inlet/Outlet (°C)	Inlet/Outlet (°C)	l/min	l/min
HydroHexa	33	13,5	45	65/21,7	80/17,72	11,2	7,8
		12	50	65/25,45	80/19,86	12,4	8,2
	50	20,6	45	65/22,8	80/18,64	17,5	12,1
		18	50	65/26,56	80/20,79	19,2	12,5
	65	26,6	45	65/22,11	80/18,05	22,2	15,5
		23,3	50	65/25,79	80/20,13	19	13,4
	80	33	45	65/21,47	80/17,52	27,1	19,1
		28,7	50	65/24,99	80/19,46	29,3	19,5