

The schematic diagram illustrates the water supply system for the 10th floor. It features a horizontal main supply line with several vertical branches. Each branch is labeled with a room number and its corresponding water flow rate (m³/h) and pipe diameter (mm). The main line is labeled with 'Regulator VAV' and its flow rate. The system is designed to provide water to 10 rooms, each with a specific flow rate and pipe size.

Room	Flow Rate (m³/h)	Pipe Diameter (mm)
10-1	720	200
10-2	30	200
10-3	30	200
10-4	500	250
10-5	400	160
10-6	570	200
10-7	490	200
10-8	849	160
10-9	520	200
10-10	210	160

Regulator VAV ø315 280–695m³/h
696 m³/h, n=4

Regulator VAV ø250 180–465m³/h
464 m³/h, n=4

Regulator VAV ø315 280–555m³/h
554 m³/h, n=4

Regulator VAV ø250 180–475m³/h
464 m³/h, n=4

Opóźnienie Kanałów Umożliwiająca Wykonanie Prac Serwisowych Centrali Wentylacyjnej

Regulator VAV ø315 280–775m³/h
774 m³/h, n=4

Regulator VAV ø250 180–545m³/h
544 m³/h, n=4

Regulator VAV ø250 180–470m³/h
474 m³/h, n=4

Regulator VAV ø315 280–850m³/h
849 m³/h, n=4

Regulator VAV ø250 180–520m³/h
520 m³/h, n=4

The diagram illustrates a complex ventilation system layout. It features several regulators (Regulator VAV) with different flow capacities and duct diameters. The system includes various pipe sizes (e.g., $\phi 160$, $\phi 200$, $\phi 250$, $\phi 315$) and flow rates (e.g., 720 m^3/h , 669 m^3/h , 210 m^3/h , 720 m^3/h , 360 m^3/h , 260 m^3/h). A central note indicates a modification for service work: "Obniżenie Kanałów Umożliwiające Wykonanie Prac Serwisowych Centrali Wentylacyjnej" (Lowering of ducts enabling service work on the ventilation unit). The layout shows a main horizontal duct with multiple branches and regulators, and a central section with a note about lowering the ducts for service work.

The diagram illustrates a water supply network for a residential area. It features a main horizontal pipeline with several vertical branches. Each branch is labeled with a 'Regulator VAV' (Variable Area Valve) and its nominal diameter (e.g., #315, #250, #200). The flow rate (m³/h) and head (m) for each regulator are specified. The main pipeline is labeled with its nominal diameter (e.g., #315, #250, #200) and the flow rate and head for the entire network. The diagram also shows the layout of the water supply network, including the main pipeline, branches, and individual water supply units for each building.

Regulator VAV	Flow Rate (m³/h)	Head (m)
Regulator VAV #315	280-720	720
Regulator VAV #250	180-400	400
Regulator VAV #250	180-380	380
Regulator VAV #200	115-240	240
Regulator VAV #315	280-670	670
Regulator VAV #280-625	280-625	625
Regulator VAV #315	280-820	820
Regulator VAV #200	115-360	360
Regulator VAV #200	115-260	260

9990 m³/h
1000
xWYRZUTNIA DACHOWA
WYRZUT POZIOMY





-  – REGULATOR ZMIENNEGO PRZEPŁYWU VAV
-  – OKRĄGŁY TŁUMIK SZUMÓW
-  – NAWIEWNA SZYNA 4 SZCZELINOWA
-  – WYWIEWNA SZYNA 4 SZCZELINOWA

Diagram illustrating the minimum distance between a fire alarm control unit and a fire alarm device. The distance is labeled as $\text{min. } 3 d$ and $\text{min. } 1,5 d$.

Technical drawing of a five-axle freight car chassis. The drawing shows the side profile of the chassis with five bogies. Dimensions are given in millimeters: 20, 26,5, 16, 26,5, 16, 26,5, 16, 26,5, 20. The total length is 194.

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BIURO PROJEKTOWE

Funkcja	Projektant	Numer Uprawnień	Data	Podpis
Projektował	mgr inż. Piotr Ćwiek	SWK/0088/PWOS/08 do projektowania bez ograniczeń w specjalności sanitarna	Wzrzesień 2024	
Opracował	mgr inż. Mateusz Biłski	SWK/0192/PWBS/23 do projektowania i kierowania robotami bud. bez ograniczeń w specjalności sanitarnej		
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