

Wyniki - Ogólne

Nazwa projektu:	Szkoła
Lokalizacja....:	Głusków, ul. Millenium
Projektant.....:	
Data obliczeń :	Niedziela, 18 Listopada 2018, 13:40

Parametry czynnika grzeijnego:

Tz,[°C].....:	70.00	TP,[°C]:	50.00
Tprz,[°C].....:	44.74		
Rodz. czynnika:	Woda		

Parametry źródła ciepła:

Opór hydr.[Pa]:	0	Pojemność [l]:	0
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Informacje o typach rur:

Typ A:	KANSTEEL	Typ B:	PEAL-P10	Typ C:	74219-01	Typ D:	
Typ E:		Typ F:		Typ G:		Typ H:	
Typ I:		Typ J:		Typ K:		Typ L:	
Typ M:		Typ N:		Typ O:		Typ P:	

Opór hydrauliczny instalacji i źródła ciepła... dPc,[Pa]:	13079
Minimalny opór działki z grzejnikiem..... dPgmin,[Pa]:	437
Całkowity strumień wody w instalacji..... Gc,[kg/s]:	0.369
Całkowita pojemność instalacji..... Vc,[l]:	443
Obliczeniowa moc cieplna instalacji..... Qo,[W]:	30745
Moc tracona..... Qtr,[W]:	8287
Dodatkowa rezerwa mocy do ład. bufora ciepła... Qrez,[W]:	0
Wymagana obliczeniowa moc źródła ciepła zimą.... Qzz,[W]:	0
Wymagana obliczeniowa moc źródła ciepła latem... Qzl,[W]:	

Wyniki - Ogólne

Wymagana obliczeniowa moc źródła okr.przejsciowy Qzp,[W]:

Liczba jednocześnie pracujących węzłów mieszk.....[szt.]:

Pomieszczenia ogrzewane:

Przegrzewane...:	<input type="text" value="6"/>	Nadmiar mocy,[W]:	<input type="text" value="731"/>
Niedogrzewane...:	<input type="text" value="0"/>	Deficyt mocy,[W]:	<input type="text" value="118"/>
Moc grzej..[W]:	<input type="text" value="31358"/>	Zyski od przewodów,[W]:	<input type="text" value="0"/>

Pomieszczenia nieogrzewane:

Moc grzej..[W]:	<input type="text" value="0"/>	Zyski od przewodów,[W]:	<input type="text" value="0"/>
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Grzejniki:

Przegrzewające:	<input type="text" value="6"/>	Nadmiar mocy,[W]:	<input type="text" value="822"/>
Niedogrzewające	<input type="text" value="0"/>	Deficyt mocy,[W]:	<input type="text" value="209"/>
Obl. moc,[W]...:	<input type="text" value="30745"/>	Rzeczywista moc,[W]:	<input type="text" value="31358"/>

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	149	0.002	0.016	1.5	9209.8	1189
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.13 Kv = 0.050 m3/h							
Z	B			7.85	16	149	0.002	0.016	1.4	2.5	12
Z	B			0.15	16	287	0.003	0.031	2.9	918.7	441
				MULTIFLEX-V2 nastawa 0.75 dn 15 mm							
				Kv = 0.190 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.39 Kv = 0.055 m3/h							
Z	B			11.85	16	287	0.003	0.031	2.8	2.5	34
Z	B			0.15	16	200	0.002	0.022	2.1	9209.8	2137
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.23 Kv = 0.050 m3/h							
Z	B			18.85	16	200	0.002	0.022	1.9	2.5	37
Z	B			0.15	16	239	0.003	0.026	2.5	4441.6	1476
				MULTIFLEX-V2 nastawa 0.35 dn 15 mm							
				Kv = 0.086 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.33 Kv = 0.050 m3/h							
Z	B			9.80	16	239	0.003	0.026	2.3	2.5	23

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	32	0.001	0.011	1.1	9209.8	534
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.06 Kv = 0.050 m3/h							
Z	B			8.80	16	32	0.001	0.011	1.0	2.5	9
Z	B			0.15	16	282	0.003	0.030	2.9	1442.9	669
				MULTIFLEX-V2 nastawa 0.6 dn 15 mm							
				Kv = 0.152 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.054 m3/h							
Z	B			7.80	16	282	0.003	0.030	2.7	2.5	22
Z	A			0.10	28	8159	0.098	0.203	24.2	0.1	5
Z	A			12.00	42	30745	0.369	0.316	30.1	4.3	575
Z	A			0.35	35	19689	0.235	0.299	35.1	1.5	80
Z	A			2.00	35	19689	0.235	0.299	35.1	0.3	84
Z	B			0.15	16	543	0.006	0.059	5.4	188.2	325
				MULTIFLEX-V2 nastawa 1.5 dn 15 mm							
				Kv = 0.420 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.104 m3/h							
Z	B			7.85	16	543	0.006	0.059	5.2	2.5	46

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	642	0.008	0.069	6.4	99.0	239
				MULTIFLEX-V2 nastawa 1.7 dn 15 mm							
				Kv = 0.580 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.123 m3/h							
Z	B			11.85	16	642	0.008	0.069	6.2	2.5	80
Z	B			0.15	16	719	0.009	0.078	7.2	76.6	231
				MULTIFLEX-V2 nastawa 1.8 dn 15 mm							
				Kv = 0.659 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.138 m3/h							
Z	B			13.85	16	719	0.009	0.078	6.9	2.5	104
Z	A			2.25	22	5362	0.064	0.231	42.9	3.5	190
Z	A			1.30	22	5694	0.069	0.248	48.7	3.5	171
Z	B			0.15	16	772	0.009	0.083	7.8	76.6	267
				MULTIFLEX-V2 nastawa 1.8 dn 15 mm							
				Kv = 0.659 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.146 m3/h							
Z	B			19.80	16	772	0.009	0.083	7.7	2.5	162
Z	B			0.15	16	728	0.009	0.079	7.3	99.0	306
				MULTIFLEX-V2 nastawa 1.7 dn 15 mm							
				Kv = 0.580 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.137 m3/h							
Z	B			17.80	16	728	0.009	0.079	7.0	2.5	133

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	728	0.009	0.079	7.3	86.7	268
				MULTIFLEX-V2 nastawa 1.75 dn 15 mm							
				Kv = 0.620 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.41 Kv = 0.137 m3/h							
Z	B			18.80	16	728	0.009	0.079	7.0	2.5	140
Z	B			0.15	16	833	0.010	0.090	9.0	76.6	311
				MULTIFLEX-V2 nastawa 1.8 dn 15 mm							
				Kv = 0.659 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.157 m3/h							
Z	B			13.80	16	833	0.010	0.090	9.2	2.5	137
Z	B			0.15	16	679	0.008	0.073	6.8	133.0	359
				MULTIFLEX-V2 nastawa 1.6 dn 15 mm							
				Kv = 0.500 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.41 Kv = 0.128 m3/h							
Z	B			14.80	16	679	0.008	0.073	6.6	2.5	104
Z	B			0.15	16	679	0.008	0.073	6.8	133.0	359
				MULTIFLEX-V2 nastawa 1.6 dn 15 mm							
				Kv = 0.500 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.41 Kv = 0.127 m3/h							
Z	B			11.80	16	679	0.008	0.073	6.6	2.5	84

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	723	0.009	0.078	7.1	114.1	349
				MULTIFLEX-V2 nastawa 1.65 dn 15 mm							
				Kv = 0.540 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.41 Kv = 0.135 m3/h							
Z	B			8.80	16	723	0.009	0.078	7.0	2.5	69
Z	B			0.15	16	141	0.002	0.015	1.6	9209.8	1059
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.12 Kv = 0.050 m3/h							
Z	B			24.85	16	141	0.002	0.015	1.4	2.5	34
Z	B			0.15	16	1157	0.014	0.125	25.5	11.8	96
				MULTIFLEX-V2 nastawa 4 dn 15 mm							
				Kv = 1.700 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.38 Kv = 0.229 m3/h							
Z	B			14.85	16	1157	0.014	0.125	25.8	2.5	404
Z	B			0.15	16	719	0.009	0.078	7.2	76.6	231
				MULTIFLEX-V2 nastawa 1.8 dn 15 mm							
				Kv = 0.659 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.138 m3/h							
Z	B			12.85	16	719	0.009	0.078	6.9	2.5	97

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	621	0.007	0.067	6.3	99.0	223
				MULTIFLEX-V2 nastawa 1.7 dn 15 mm							
				Kv = 0.580 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.119 m3/h							
Z	B			15.85	16	621	0.007	0.067	6.0	2.5	101
Z	B			0.15	16	621	0.007	0.067	6.3	99.0	223
				MULTIFLEX-V2 nastawa 1.7 dn 15 mm							
				Kv = 0.580 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.119 m3/h							
Z	B			16.85	16	621	0.007	0.067	6.0	2.5	107
Z	A			0.80	28	11056	0.133	0.277	41.7	0.1	37
Z	A			1.35	22	5694	0.069	0.248	48.7	0.4	78
Z	A			1.15	22	5362	0.064	0.231	42.9	0.4	60
Z	A			19.00	28	11056	0.133	0.277	41.7	3.0	907
Z	A			0.25	22	4731	0.057	0.204	34.4	3.5	81
Z	A			23.00	28	8159	0.098	0.203	24.1	13.0	823
Z	A			1.90	28	8159	0.098	0.203	24.2	0.3	52
Z	A			1.30	22	6799	0.081	0.293	65.1	3.5	235
Z	B			0.15	16	180	0.002	0.019	1.9	9209.8	1733
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.19 Kv = 0.050 m3/h							
Z	B			13.80	16	180	0.002	0.019	1.7	2.5	24

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	721	0.009	0.078	7.2	61.0	186
				MULTIFLEX-V2 nastawa 1.9 dn 15 mm							
				Kv = 0.739 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.138 m3/h							
Z	B			14.80	16	721	0.009	0.078	6.9	2.5	110
Z	B			0.15	16	700	0.008	0.076	7.0	61.0	175
				MULTIFLEX-V2 nastawa 1.9 dn 15 mm							
				Kv = 0.739 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.134 m3/h							
Z	B			15.80	16	700	0.008	0.076	6.7	2.5	113
Z	B			0.15	16	700	0.008	0.076	7.0	68.1	195
				MULTIFLEX-V2 nastawa 1.85 dn 15 mm							
				Kv = 0.699 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.134 m3/h							
Z	B			14.80	16	700	0.008	0.076	6.7	2.5	107
Z	B			0.15	16	705	0.008	0.076	7.0	76.6	223
				MULTIFLEX-V2 nastawa 1.8 dn 15 mm							
				Kv = 0.659 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.135 m3/h							
Z	B			13.80	16	705	0.008	0.076	6.8	2.5	101

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	705	0.008	0.076	7.0	68.1	198
				MULTIFLEX-V2 nastawa 1.85 dn 15 mm							
				Kv = 0.699 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.135 m3/h							
Z	B			14.80	16	705	0.008	0.076	6.8	2.5	108
Z	B			0.15	16	159	0.002	0.017	1.7	9209.8	1351
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.14 Kv = 0.050 m3/h							
Z	B			15.80	16	159	0.002	0.017	1.5	2.5	25
Z	B			0.15	16	678	0.008	0.073	6.8	68.1	183
				MULTIFLEX-V2 nastawa 1.85 dn 15 mm							
				Kv = 0.699 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.39 Kv = 0.130 m3/h							
Z	B			16.80	16	678	0.008	0.073	6.5	2.5	116
Z	B			0.15	16	766	0.009	0.083	7.6	61.0	210
				MULTIFLEX-V2 nastawa 1.9 dn 15 mm							
				Kv = 0.739 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.146 m3/h							
Z	B			9.80	16	766	0.009	0.083	7.6	2.5	83

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	811	0.010	0.088	8.5	49.7	192
				MULTIFLEX-V2		nastawa 2		dn 15 mm			
								Kv = 0.819 m3/h			
				165 11 62-66		nastawa 3		dn 15 mm			
						autorytet 0.39		Kv = 0.155 m3/h			
Z	B			11.80	16	811	0.010	0.088	8.6	2.5	112
Z	B			0.75	16	290	0.003	0.031	2.9	11435.6	5603
				ADV6-K		nastawa 2		dn 15 mm			
						autorytet 0.42		Kv = 0.054 m3/h			
Z	B			9.85	16	290	0.003	0.031	2.8	2.5	29
Z	B			0.75	16	440	0.005	0.047	4.5	4868.2	5491
				ADV6-K		nastawa 2		dn 15 mm			
						autorytet 0.42		Kv = 0.083 m3/h			
Z	B			15.85	16	440	0.005	0.048	4.2	2.5	70
Z	B			0.15	16	592	0.007	0.064	5.9	114.1	234
				MULTIFLEX-V2		nastawa 1.65		dn 15 mm			
								Kv = 0.540 m3/h			
				165 11 62-66		nastawa 2		dn 15 mm			
						autorytet 0.40		Kv = 0.113 m3/h			
Z	B			12.85	16	592	0.007	0.064	5.7	2.5	78
Z	B			0.15	16	592	0.007	0.064	5.9	114.1	234
				MULTIFLEX-V2		nastawa 1.65		dn 15 mm			
								Kv = 0.540 m3/h			
				165 11 62-66		nastawa 2		dn 15 mm			
						autorytet 0.40		Kv = 0.113 m3/h			
Z	B			12.85	16	592	0.007	0.064	5.7	2.5	78

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	662	0.008	0.072	6.5	99.0	254
				MULTIFLEX-V2 nastawa 1.7 dn 15 mm							
				Kv = 0.580 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.127 m3/h							
Z	B			8.85	16	662	0.008	0.072	6.4	2.5	63
Z	B			0.15	16	585	0.007	0.063	5.9	114.1	228
				MULTIFLEX-V2 nastawa 1.65 dn 15 mm							
				Kv = 0.540 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.112 m3/h							
Z	B			14.85	16	585	0.007	0.063	5.6	2.5	89
Z	B			0.15	16	568	0.007	0.061	5.7	114.1	215
				MULTIFLEX-V2 nastawa 1.65 dn 15 mm							
				Kv = 0.540 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.109 m3/h							
Z	B			16.85	16	568	0.007	0.061	5.5	2.5	97
Z	B			0.15	16	568	0.007	0.061	5.7	133.0	251
				MULTIFLEX-V2 nastawa 1.6 dn 15 mm							
				Kv = 0.500 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.109 m3/h							
Z	B			12.85	16	568	0.007	0.061	5.5	2.5	75

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.75	16	429	0.005	0.046	4.3	5247.6	5627
				ADV6-K nastawa 2 dn 15 mm							
				autorytet 0.43 Kv = 0.079 m3/h							
Z	B			12.85	16	429	0.005	0.046	4.2	2.5	56
Z	B			0.15	16	1181	0.014	0.128	26.9	18.4	154
				MULTIFLEX-V2 nastawa 3.25 dn 15 mm							
				Kv = 1.352 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.38 Kv = 0.231 m3/h							
Z	B			11.85	16	1181	0.014	0.128	27.1	2.5	342
Z	B			0.15	16	1181	0.014	0.128	26.9	22.0	183
				MULTIFLEX-V2 nastawa 3 dn 15 mm							
				Kv = 1.236 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.231 m3/h							
Z	B			10.85	16	1181	0.014	0.128	27.1	2.5	314
Z	B			0.15	16	1181	0.014	0.128	26.9	26.2	217
				MULTIFLEX-V2 nastawa 2.75 dn 15 mm							
				Kv = 1.132 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.229 m3/h							
Z	B			8.85	16	1181	0.014	0.128	27.1	2.5	260

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	675	0.008	0.073	6.7	114.1	304
				MULTIFLEX-V2 nastawa 1.65 dn 15 mm							
				Kv = 0.540 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.41 Kv = 0.128 m3/h							
Z	B			8.85	16	675	0.008	0.073	6.5	2.5	65
Z	B			0.15	16	1211	0.014	0.131	28.5	31.7	276
				MULTIFLEX-V2 nastawa 2.5 dn 15 mm							
				Kv = 1.028 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.39 Kv = 0.234 m3/h							
Z	B			5.85	16	1211	0.014	0.131	28.6	2.5	189
Z	B			0.15	16	551	0.007	0.060	5.5	188.2	334
				MULTIFLEX-V2 nastawa 1.5 dn 15 mm							
				Kv = 0.420 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.41 Kv = 0.105 m3/h							
Z	B			7.85	16	551	0.007	0.060	5.3	2.5	46
Z	B			0.15	16	720	0.009	0.078	7.2	86.7	263
				MULTIFLEX-V2 nastawa 1.75 dn 15 mm							
				Kv = 0.620 m3/h							
				165 11 62-66 nastawa 3 dn 15 mm							
				autorytet 0.40 Kv = 0.138 m3/h							
Z	B			13.85	16	720	0.009	0.078	7.0	2.5	104

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	464	0.006	0.050	4.7	267.9	337
				MULTIFLEX-V2 nastawa 1.3 dn 15 mm							
				Kv = 0.352 m3/h							
				165 11 62-66 nastawa 2 dn 15 mm							
				autorytet 0.40 Kv = 0.088 m3/h							
Z	B			11.85	16	464	0.006	0.050	4.5	2.5	56
Z	B			0.15	16	208	0.002	0.022	2.2	9209.8	2317
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.25 Kv = 0.050 m3/h							
Z	B			10.85	16	208	0.002	0.022	2.0	2.5	23
Z	B			0.15	16	142	0.002	0.015	1.5	9209.8	1079
				MULTIFLEX-V2 nastawa 0.25 dn 15 mm							
				Kv = 0.060 m3/h							
				165 11 62-66 nastawa 1 dn 15 mm							
				autorytet 0.12 Kv = 0.050 m3/h							
Z	B			8.85	16	142	0.002	0.015	1.4	2.5	12
Z	A			0.35	28	11530	0.138	0.287	44.4	1.5	77
Z	A			2.00	22	4731	0.057	0.204	34.4	0.0	69
Z	A			5.00	28	11530	0.138	0.287	44.4	2.4	321
Z	A			1.35	22	6799	0.081	0.293	65.1	0.4	105

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
Z	B			0.15	16	676	0.008	0.073	6.8	76.6	205
				MULTIFLEX-V2		nastawa 1.8		dn 15 mm			
								Kv = 0.659 m3/h			
				165 11 62-66		nastawa 2		dn 15 mm			
						autorytet 0.39		Kv = 0.129 m3/h			
Z	B			15.80	16	676	0.008	0.073	6.5	2.5	109
Z	A			1.15	22	4731	0.057	0.204	34.4	0.4	48
Z	B			0.15	16	215	0.003	0.023	2.2	6187.8	1664
				MULTIFLEX-V2		nastawa 0.3		dn 15 mm			
								Kv = 0.073 m3/h			
				165 11 62-66		nastawa 1		dn 15 mm			
						autorytet 0.27		Kv = 0.050 m3/h			
Z	B			7.85	16	215	0.003	0.023	2.1	2.5	17
Z	A			1.00	28	8159	0.098	0.203	24.2	0.4	33
Z	A			1.40	42	30745	0.369	0.316	30.1	3.5	216
P	A			0.10	28	8159	0.098	0.201	26.3	171.2	3457
				H-CTR VTR1		nastawa 3.8		dn 15 mm			
								Kv = 1.910 m3/h			
P	A			2.45	22	5362	0.064	0.229	47.0	4.0	220
P	A			0.35	35	19689	0.235	0.296	38.1	1.0	57
P	A			2.00	35	19689	0.235	0.296	38.1	0.3	89
P	A			1.10	22	5694	0.069	0.245	53.4	4.0	179
P	A			1.10	22	5694	0.069	0.245	53.3	0.4	70
P	A			0.90	22	5362	0.064	0.229	47.0	0.4	53
P	A			0.10	22	4731	0.057	0.202	38.0	4.0	85
P	A			23.00	28	8159	0.098	0.201	26.3	13.5	878

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
P	A			2.10	28	8159	0.098	0.201	26.3	0.3	61
P	A			1.10	22	6799	0.081	0.290	71.1	4.0	246
P	A			0.35	28	11530	0.138	0.284	48.5	1.0	57
P	A			2.35	22	4731	0.057	0.202	38.0	0.0	89
P	A			5.00	28	11530	0.138	0.284	48.5	107.2	4558
				H-CTR VTR1		nastawa 4.6		dn 15 mm			
								Kv = 2.440 m3/h			
P	A			1.10	22	6799	0.081	0.290	71.1	0.4	95
P	A			0.90	22	4731	0.057	0.202	38.0	0.4	42
P	A			1.05	28	8159	0.098	0.201	26.3	0.4	36
P	B			0.25	16	149	0.002	0.016	2.4	0.3	1
P	B			7.60	16	149	0.002	0.016	2.4	2.5	18
P	B			0.25	16	287	0.003	0.031	4.2	0.3	1
P	B			11.60	16	287	0.003	0.031	4.3	2.5	51
P	B			0.25	16	200	0.002	0.021	3.2	0.3	1
P	B			18.60	16	200	0.002	0.021	3.2	2.5	60
P	B			0.25	16	239	0.003	0.026	3.5	0.3	1
P	B			9.55	16	239	0.003	0.026	3.5	2.5	35
P	B			0.25	16	32	0.001	0.011	1.8	0.3	0
P	B			8.55	16	32	0.001	0.011	1.8	2.5	15
P	B			0.25	16	282	0.003	0.030	4.0	0.3	1
P	B			7.55	16	282	0.003	0.030	4.0	2.5	31
P	A			12.00	42	30745	0.369	0.312	32.7	4.8	625
P	B			0.25	16	543	0.006	0.058	7.4	0.3	2
P	B			7.60	16	543	0.006	0.058	7.4	2.5	61
P	B			0.25	16	642	0.008	0.069	8.9	0.3	3

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
P	B			11.60	16	642	0.008	0.069	8.9	2.5	109
P	B			0.25	16	719	0.009	0.077	9.7	0.3	3
P	B			13.60	16	719	0.009	0.077	9.7	2.5	140
P	B			0.25	16	772	0.009	0.082	10.9	0.3	4
P	B			19.55	16	772	0.009	0.082	10.9	2.5	222
P	B			0.25	16	728	0.009	0.078	10.4	0.3	4
P	B			17.55	16	728	0.009	0.078	10.4	2.5	191
P	B			0.25	16	728	0.009	0.078	10.5	0.3	4
P	B			18.55	16	728	0.009	0.078	10.5	2.5	202
P	B			0.25	16	833	0.010	0.089	11.5	0.3	4
P	B			13.55	16	833	0.010	0.089	11.5	2.5	165
P	B			0.25	16	679	0.008	0.073	9.5	0.3	3
P	B			14.55	16	679	0.008	0.073	9.5	2.5	145
P	B			0.25	16	679	0.008	0.073	9.5	0.3	3
P	B			11.55	16	679	0.008	0.073	9.5	2.5	116
P	B			0.25	16	723	0.009	0.077	9.9	0.3	3
P	B			8.55	16	723	0.009	0.077	9.9	2.5	92
P	B			0.25	16	141	0.002	0.015	2.6	0.3	1
P	B			24.60	16	141	0.002	0.015	2.6	2.5	65
P	B			0.25	16	1157	0.014	0.124	17.2	0.3	7
P	B			14.60	16	1157	0.014	0.124	17.2	2.5	271
P	B			0.25	16	719	0.009	0.077	10.3	0.3	3
P	B			12.60	16	719	0.009	0.077	10.3	2.5	137
P	B			0.25	16	621	0.007	0.066	8.7	0.3	3
P	B			15.60	16	621	0.007	0.066	8.7	2.5	142
P	B			0.25	16	621	0.007	0.066	8.8	0.3	3

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
P	B			16.60	16	621	0.007	0.066	8.8	2.5	151
P	A			0.80	28	11056	0.133	0.274	45.5	85.7	3247
				H-CTR VTR1 nastawa 5 dn 15 mm							
				Kv = 2.700 m3/h							
P	A			19.00	28	11056	0.133	0.274	45.5	3.5	996
P	B			0.25	16	180	0.002	0.019	2.7	0.3	1
P	B			13.55	16	180	0.002	0.019	2.8	2.5	38
P	B			0.25	16	721	0.009	0.077	10.3	0.3	3
P	B			14.55	16	721	0.009	0.077	10.3	2.5	158
P	B			0.25	16	700	0.008	0.075	9.7	0.3	3
P	B			15.55	16	700	0.008	0.075	9.7	2.5	158
P	B			0.25	16	700	0.008	0.075	9.7	0.3	3
P	B			14.55	16	700	0.008	0.075	9.7	2.5	148
P	B			0.25	16	705	0.008	0.075	9.7	0.3	3
P	B			13.55	16	705	0.008	0.075	9.7	2.5	139
P	B			0.25	16	705	0.008	0.075	9.8	0.3	3
P	B			14.55	16	705	0.008	0.075	9.8	2.5	149
P	B			0.25	16	159	0.002	0.017	2.5	0.3	1
P	B			15.55	16	159	0.002	0.017	2.5	2.5	40
P	B			0.25	16	678	0.008	0.072	9.5	0.3	3
P	B			16.55	16	678	0.008	0.072	9.5	2.5	164
P	B			0.25	16	766	0.009	0.082	10.7	0.3	4
P	B			9.55	16	766	0.009	0.082	10.7	2.5	111
P	B			0.25	16	811	0.010	0.087	11.2	0.3	4
P	B			11.55	16	811	0.010	0.087	11.2	2.5	139

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
P	B			0.85	16	290	0.003	0.031	4.3	11.8	9
				COMBI-3-K-O nastawa 4 dn 15 mm							
				Kv = 1.700 m3/h							
P	B			9.60	16	290	0.003	0.031	4.3	2.5	42
P	B			0.85	16	440	0.005	0.047	6.4	11.8	18
				COMBI-3-K-O nastawa 4 dn 15 mm							
				Kv = 1.700 m3/h							
P	B			15.60	16	440	0.005	0.047	6.4	2.5	102
P	B			0.25	16	592	0.007	0.063	8.4	0.3	3
P	B			12.60	16	592	0.007	0.063	8.4	2.5	111
P	B			0.25	16	592	0.007	0.063	8.4	0.3	3
P	B			12.60	16	592	0.007	0.063	8.4	2.5	111
P	B			0.25	16	662	0.008	0.071	9.0	0.3	3
P	B			8.60	16	662	0.008	0.071	9.0	2.5	84
P	B			0.25	16	585	0.007	0.062	8.3	0.3	3
P	B			14.60	16	585	0.007	0.062	8.3	2.5	127
P	B			0.25	16	568	0.007	0.061	8.0	0.3	3
P	B			16.60	16	568	0.007	0.061	8.0	2.5	137
P	B			0.25	16	568	0.007	0.061	7.9	0.3	3
P	B			12.60	16	568	0.007	0.061	7.9	2.5	105
P	B			0.85	16	429	0.005	0.046	6.2	11.8	18
				COMBI-3-K-O nastawa 4 dn 15 mm							
				Kv = 1.700 m3/h							
P	B			12.60	16	429	0.005	0.046	6.2	2.5	81
P	B			0.25	16	1181	0.014	0.126	18.2	0.3	7
P	B			11.60	16	1181	0.014	0.126	18.2	2.5	231

Wyniki - Przewody

Typ	Typ	Numer		L	dn	Q	G	w	R	Dzeta	dP
prz	rur	Pion	Dział.	[m]	[mm]	[W]	[kg/s]	[m/s]	[Pa/m]		[Pa]
P	B			0.25	16	1181	0.014	0.126	18.2	0.3	7
P	B			10.60	16	1181	0.014	0.126	18.2	2.5	213
P	B			0.25	16	1181	0.014	0.126	18.2	0.3	7
P	B			8.60	16	1181	0.014	0.126	18.2	2.5	177
P	B			0.25	16	675	0.008	0.072	9.4	0.3	3
P	B			8.60	16	675	0.008	0.072	9.4	2.5	88
P	B			0.25	16	1211	0.014	0.130	19.5	0.3	7
P	B			5.60	16	1211	0.014	0.130	19.5	2.5	130
P	B			0.25	16	551	0.007	0.059	7.6	0.3	2
P	B			7.60	16	551	0.007	0.059	7.6	2.5	62
P	B			0.25	16	720	0.009	0.077	10.2	0.3	3
P	B			13.60	16	720	0.009	0.077	10.2	2.5	146
P	B			0.25	16	464	0.006	0.050	6.7	0.3	2
P	B			11.60	16	464	0.006	0.050	6.7	2.5	81
P	B			0.25	16	208	0.002	0.022	3.1	0.3	1
P	B			10.60	16	208	0.002	0.022	3.1	2.5	33
P	B			0.25	16	142	0.002	0.015	2.3	0.3	1
P	B			8.60	16	142	0.002	0.015	2.3	2.5	20
P	B			0.25	16	676	0.008	0.072	9.5	0.3	3
P	B			15.55	16	676	0.008	0.072	9.5	2.5	154
P	B			0.25	16	215	0.003	0.023	3.1	0.3	1
P	B			7.60	16	215	0.003	0.023	3.1	2.5	24
P	C			1.25	40	30745	0.369	0.270	29.2	4.8	212
				FILTR-112-00							

Wyniki - Grzejniki

Numer		Pom.	Typ grz.	n	L	Qobl	Qwym	Qrz	Qdef	Agrz	tz	dt	AG	G	Beta	I
Pion	Dział.			[el.]	[m]	[W]	[W]	[W]	[W]		[°C]	[K]		[kg/s]		
		0/01	CV11-60	14	1.40	772	772	776	-5	1.000	66.03	20.12	1.00	0.00923		
		0/01	CV11-60	20	2.00	1157	1157	1167	-9	1.000	67.38	20.16	1.00	0.01384		
		0/02	CV11-60	4	0.40	141	141	191	-50	1.000	58.84	27.07	1.00	0.00169		
		0/03	CV11-60	5	0.50	200	200	221	-21	1.000	62.01	22.13	1.00	0.00239		
		0/04	CV11-60	6	0.60	287	287	308	-21	1.000	64.99	21.50	1.00	0.00343		
		0/05	CV11-60	4	0.40	149	149	183	-34	1.000	64.22	24.52	1.00	0.00178		
		0/07	CV11-60	11	1.10	585	585	608	-23	1.000	66.34	20.79	1.00	0.00699		
		0/07	CV11-60	10	1.00	568	568	558	9	1.000	65.94	19.68	1.00	0.00679		
		0/07	CV11-60	10	1.00	568	568	568	-1	1.000	66.62	20.03	1.00	0.00679		
		0/11	CV11-60	11	1.10	662	662	654	8	1.000	67.64	19.75	1.00	0.00792		
		0/12	CV11-60	11	1.10	592	592	616	-24	1.000	66.71	20.83	1.00	0.00707		
		0/12	CV11-60	11	1.10	592	592	616	-24	1.000	66.71	20.83	1.00	0.00707		
		0/15	CV11-60	20	2.00	1181	1181	1179	3	1.000	67.54	19.96	1.00	0.01413		
		0/15	CV11-60	20	2.00	1181	1181	1182	-1	1.000	67.64	20.01	1.00	0.01413		
		0/15	CV11-60	20	2.00	1181	1181	1189	-7	1.000	67.86	20.12	1.00	0.01413		
		0/15	CV11-60	12	1.20	675	675	690	-15	1.000	67.17	20.44	1.00	0.00807		
		0/21	CV11-60	9	0.90	464	464	486	-22	1.000	65.84	20.94	1.00	0.00555		
		0/23	CV11-60	5	0.50	208	208	214	-6	1.000	64.25	20.55	1.00	0.00249		
		0/25	CV11-60	4	0.40	142	142	174	-32	1.000	63.20	24.52	1.00	0.00170		
		0/26	CV11-60	4	0.40	215	215	213	2	1.000	64.89	19.86	1.00	0.00257		
		0/27	CV11-60	9	0.90	543	543	529	14	1.000	67.20	19.49	1.00	0.00649		
		0/34	CV11-60	11	1.10	642	642	633	9	1.000	66.74	19.72	1.00	0.00768		
		0/35	CV11-60	11	1.10	621	621	615	6	1.000	66.02	19.79	1.00	0.00743		
		0/35	CV11-60	11	1.10	621	621	612	9	1.000	65.87	19.71	1.00	0.00743		
		0/37	CV11-60	11	1.10	719	719	653	66	1.000	66.65	18.17	1.00	0.00859		
		0/37	CV11-60	14	1.40	719	719	774	-55	1.000	66.80	21.54	1.00	0.00859		

Wyniki - Grzejniki

Numer		Pom.	Typ grz.	n	L	Qobl	Qwym	Qrz	Qdef	Agrz	tz	dt	AG	G	Beta	I
Pion	Dział.			[el.]	[m]	[W]	[W]	[W]	[W]		[°C]	[K]		[kg/s]		
		1/05	CV11-60	12	1.20	705	705	697	8	1.000	67.01	19.76	1.00	0.00843		
		1/05	CV11-60	12	1.20	705	705	694	11	1.000	66.86	19.69	1.00	0.00843		
		1/06	CV11-60	14	1.40	721	721	777	-56	1.000	66.91	21.55	1.00	0.00862		
		1/06	CV11-60	12	1.20	700	700	689	10	1.000	66.70	19.71	1.00	0.00837		
		1/06	CV11-60	12	1.20	700	700	692	8	1.000	66.85	19.78	1.00	0.00837		
		1/07	CV11-60	4	0.40	180	180	191	-11	1.000	63.03	21.19	1.00	0.00215		
		1/09	CV11-60	14	1.40	766	766	810	-45	1.000	67.79	21.17	1.00	0.00916		
		1/09	CV11-60	14	1.40	811	811	821	-10	1.000	67.58	20.25	1.00	0.00970		
		1/09	CV11-60	12	1.20	676	676	680	-5	1.000	66.62	20.14	1.00	0.00808		
		1/10	CV11-60	12	1.20	678	678	679	-1	1.000	66.48	20.02	1.00	0.00811		
		1/12	CV11-60	4	0.40	159	159	178	-19	1.000	62.18	22.33	1.00	0.00190		
		1/14	CV11-60	4	0.40	32	32	143	-111	1.000	62.23	28.55	1.00	0.00120		
		1/15	CV11-60	5	0.50	239	239	255	-16	1.000	64.74	21.36	1.00	0.00286		
		1/17	CV11-60	5	0.50	282	282	278	4	1.000	65.85	19.72	1.00	0.00337		
		1/18	CV11-60	14	1.40	833	833	815	18	1.000	66.97	19.58	1.00	0.00996		
		1/18	CV11-60	12	1.20	679	679	678	1	1.000	66.41	19.96	1.00	0.00812		
		1/18	CV11-60	12	1.20	679	679	686	-7	1.000	66.89	20.21	1.00	0.00812		
		1/19	CV11-60	14	1.40	728	728	764	-36	1.000	66.14	21.00	1.00	0.00870		
		1/19	CV11-60	14	1.40	728	728	761	-34	1.000	66.01	20.92	1.00	0.00870		
		1/20	CV11-60	12	1.20	723	723	711	12	1.000	67.49	19.66	1.00	0.00865		
		0/19	CV22-60	8	0.80	720	720	742	-22	1.000	66.47	20.61	1.00	0.00861		
		0/17	CV22-90	9	0.90	1211	1211	1242	-31	1.000	68.22	20.51	1.00	0.01448		
		0/20	CV22-90	4	0.40	551	551	539	12	1.000	67.04	19.57	1.00	0.00659		
		0/14	SAN15 05	1	0.50	290	290	315	-25	1.000	65.75	21.73	1.00	0.00347		
		0/09	SAN18 06	1	0.60	440	440	459	-19	1.000	65.65	20.85	1.00	0.00526		
		0/22	SAN18 06	1	0.60	429	429	454	-25	1.000	65.64	21.18	1.00	0.00513		

Wyniki - Nastawy

Typ	Numer		Pom.	Symbol	Nastawa	Aut.	dn	G	Kv	dP	Lokalizacja elementu		
	Pion	Dział.					[mm]	[kg/s]	[m3/h]	[Pa]			
P			0/14	COMBI-3-K-O	4		15	0.003	1.700	6	Pod. do grzejnika	dn	16
P			0/22	COMBI-3-K-O	4		15	0.005	1.700	12	Pod. do grzejnika	dn	16
P			0/09	COMBI-3-K-O	4		15	0.005	1.700	13	Pod. do grzejnika	dn	16
Z			0/01	MULTIFLEX-V2	4		15	0.014	1.700	90	Gałązka grzejnika	dn	16
Z			0/15	MULTIFLEX-V2	3.25		15	0.014	1.352	148	Gałązka grzejnika	dn	16
Z			1/06	MULTIFLEX-V2	1.9		15	0.008	0.739	173	Gałązka grzejnika	dn	16
Z			0/15	MULTIFLEX-V2	3		15	0.014	1.236	177	Gałązka grzejnika	dn	16
Z			1/10	MULTIFLEX-V2	1.85		15	0.008	0.699	182	Gałązka grzejnika	dn	16
Z			1/06	MULTIFLEX-V2	1.9		15	0.009	0.739	184	Gałązka grzejnika	dn	16
Z			1/09	MULTIFLEX-V2	2		15	0.010	0.819	190	Gałązka grzejnika	dn	16
Z			1/06	MULTIFLEX-V2	1.85		15	0.008	0.699	193	Gałązka grzejnika	dn	16
Z			1/05	MULTIFLEX-V2	1.85		15	0.008	0.699	196	Gałązka grzejnika	dn	16
Z			1/09	MULTIFLEX-V2	1.8		15	0.008	0.659	203	Gałązka grzejnika	dn	16
Z			1/09	MULTIFLEX-V2	1.9		15	0.009	0.739	208	Gałązka grzejnika	dn	16
Z			0/15	MULTIFLEX-V2	2.75		15	0.014	1.132	211	Gałązka grzejnika	dn	16
Z			0/07	MULTIFLEX-V2	1.65		15	0.007	0.540	214	Gałązka grzejnika	dn	16
Z			1/05	MULTIFLEX-V2	1.8		15	0.008	0.659	221	Gałązka grzejnika	dn	16
Z			0/35	MULTIFLEX-V2	1.7		15	0.007	0.580	222	Gałązka grzejnika	dn	16
Z			0/35	MULTIFLEX-V2	1.7		15	0.007	0.580	222	Gałązka grzejnika	dn	16
Z			0/07	MULTIFLEX-V2	1.65		15	0.007	0.540	227	Gałązka grzejnika	dn	16
Z			0/37	MULTIFLEX-V2	1.8		15	0.009	0.659	229	Gałązka grzejnika	dn	16
Z			0/37	MULTIFLEX-V2	1.8		15	0.009	0.659	229	Gałązka grzejnika	dn	16
Z			0/12	MULTIFLEX-V2	1.65		15	0.007	0.540	232	Gałązka grzejnika	dn	16
Z			0/12	MULTIFLEX-V2	1.65		15	0.007	0.540	232	Gałązka grzejnika	dn	16
Z			0/34	MULTIFLEX-V2	1.7		15	0.008	0.580	237	Gałązka grzejnika	dn	16
Z			0/07	MULTIFLEX-V2	1.6		15	0.007	0.500	249	Gałązka grzejnika	dn	16

Wyniki - Nastawy

Typ	Numer		Pom.	Symbol	Nastawa	Aut.	dn	G	Kv	dP	Lokalizacja elementu		
	Pion	Dział.					[mm]	[kg/s]	[m3/h]	[Pa]			
Z			0/11	MULTIFLEX-V2	1.7		15	0.008	0.580	252	Gałązka grzejnika	dn	16
Z			0/19	MULTIFLEX-V2	1.75		15	0.009	0.620	261	Gałązka grzejnika	dn	16
Z			0/01	MULTIFLEX-V2	1.8		15	0.009	0.659	264	Gałązka grzejnika	dn	16
Z			1/19	MULTIFLEX-V2	1.75		15	0.009	0.620	266	Gałązka grzejnika	dn	16
Z			0/17	MULTIFLEX-V2	2.5		15	0.014	1.028	269	Gałązka grzejnika	dn	16
Z			0/15	MULTIFLEX-V2	1.65		15	0.008	0.540	302	Gałązka grzejnika	dn	16
Z			1/19	MULTIFLEX-V2	1.7		15	0.009	0.580	304	Gałązka grzejnika	dn	16
Z			1/18	MULTIFLEX-V2	1.8		15	0.010	0.659	308	Gałązka grzejnika	dn	16
Z			0/27	MULTIFLEX-V2	1.5		15	0.006	0.420	323	Gałązka grzejnika	dn	16
Z			0/20	MULTIFLEX-V2	1.5		15	0.007	0.420	333	Gałązka grzejnika	dn	16
Z			0/21	MULTIFLEX-V2	1.3		15	0.006	0.352	335	Gałązka grzejnika	dn	16
Z			1/20	MULTIFLEX-V2	1.65		15	0.009	0.540	347	Gałązka grzejnika	dn	16
Z			1/18	MULTIFLEX-V2	1.6		15	0.008	0.500	357	Gałązka grzejnika	dn	16
Z			1/18	MULTIFLEX-V2	1.6		15	0.008	0.500	357	Gałązka grzejnika	dn	16
Z			0/04	MULTIFLEX-V2	0.75		15	0.003	0.190	440	Gałązka grzejnika	dn	16
Z			1/14	MULTIFLEX-V2	0.25		15	0.001	0.060	534	Gałązka grzejnika	dn	16
Z			1/17	MULTIFLEX-V2	0.6		15	0.003	0.152	668	Gałązka grzejnika	dn	16
Z			1/14	165 11 62-66	1	0.06	15	0.001	0.050	759	Zawór w grzejniku		
Z			0/02	MULTIFLEX-V2	0.25		15	0.002	0.060	1058	Gałązka grzejnika	dn	16
Z			0/25	MULTIFLEX-V2	0.25		15	0.002	0.060	1078	Gałązka grzejnika	dn	16
Z			0/05	MULTIFLEX-V2	0.25		15	0.002	0.060	1189	Gałązka grzejnika	dn	16
Z			1/12	MULTIFLEX-V2	0.25		15	0.002	0.060	1351	Gałązka grzejnika	dn	16
Z			1/15	MULTIFLEX-V2	0.35		15	0.003	0.086	1476	Gałązka grzejnika	dn	16
Z			0/02	165 11 62-66	1	0.12	15	0.002	0.050	1505	Zawór w grzejniku		
Z			0/25	165 11 62-66	1	0.12	15	0.002	0.050	1534	Zawór w grzejniku		
Z			0/26	MULTIFLEX-V2	0.3		15	0.003	0.073	1664	Gałązka grzejnika	dn	16

Wyniki - Nastawy

Typ	Numer		Pom.	Symbol	Nastawa	Aut.	dn	G	Kv	dP	Lokalizacja elementu
	Pion	Dział.					[mm]	[kg/s]	[m3/h]	[Pa]	
Z			0/05	165 11 62-66	1	0.13	15	0.002	0.050	1690	Zawór w grzejniku
Z			1/07	MULTIFLEX-V2	0.25		15	0.002	0.060	1732	Gałązka grzejnika dn 16
Z			1/12	165 11 62-66	1	0.14	15	0.002	0.050	1923	Zawór w grzejniku
Z			0/03	MULTIFLEX-V2	0.25		15	0.002	0.060	2136	Gałązka grzejnika dn 16
Z			0/23	MULTIFLEX-V2	0.25		15	0.002	0.060	2316	Gałązka grzejnika dn 16
Z			1/07	165 11 62-66	1	0.19	15	0.002	0.050	2468	Zawór w grzejniku
Z			0/03	165 11 62-66	1	0.23	15	0.002	0.050	3043	Zawór w grzejniku
P			0/27	H-CTR VTR1	5		15	0.133	2.700	3211	Na pionie ...: dn 28
Z			0/23	165 11 62-66	1	0.25	15	0.002	0.050	3301	Zawór w grzejniku
P			0/27	H-CTR VTR1	3.8		15	0.098	1.910	3455	Na pionie ...: dn 28
Z			0/26	165 11 62-66	1	0.27	15	0.003	0.050	3530	Zawór w grzejniku
P			0/06	H-CTR VTR1	4.6		15	0.138	2.440	4224	Na pionie ...: dn 28
Z			1/15	165 11 62-66	1	0.33	15	0.003	0.050	4358	Zawór w grzejniku
Z			0/01	165 11 62-66	3	0.38	15	0.014	0.229	4900	Zawór w grzejniku
Z			0/15	165 11 62-66	3	0.38	15	0.014	0.231	5007	Zawór w grzejniku
Z			0/15	165 11 62-66	3	0.39	15	0.014	0.231	5023	Zawór w grzejniku
Z			0/15	165 11 62-66	3	0.39	15	0.014	0.229	5079	Zawór w grzejniku
Z			0/04	165 11 62-66	2	0.39	15	0.003	0.055	5112	Zawór w grzejniku
Z			0/17	165 11 62-66	3	0.39	15	0.014	0.234	5138	Zawór w grzejniku
Z			0/07	165 11 62-66	2	0.40	15	0.007	0.109	5189	Zawór w grzejniku
Z			0/07	165 11 62-66	2	0.40	15	0.007	0.112	5193	Zawór w grzejniku
Z			0/35	165 11 62-66	2	0.40	15	0.007	0.119	5193	Zawór w grzejniku
Z			0/37	165 11 62-66	3	0.40	15	0.009	0.138	5201	Zawór w grzejniku
Z			0/37	165 11 62-66	3	0.40	15	0.009	0.138	5207	Zawór w grzejniku
Z			0/07	165 11 62-66	2	0.40	15	0.007	0.109	5207	Zawór w grzejniku
Z			0/35	165 11 62-66	2	0.40	15	0.007	0.119	5208	Zawór w grzejniku

Wyniki - Nastawy

Typ	Numer		Pom.	Symbol	Nastawa	Aut.	dn	G	Kv	dP	Lokalizacja elementu
	Pion	Dział.					[mm]	[kg/s]	[m3/h]	[Pa]	
Z			0/12	165 11 62-66	2	0.40	15	0.007	0.113	5214	Zawór w grzejniku
Z			0/12	165 11 62-66	2	0.40	15	0.007	0.113	5214	Zawór w grzejniku
Z			0/19	165 11 62-66	3	0.40	15	0.009	0.138	5222	Zawór w grzejniku
Z			1/09	165 11 62-66	2	0.39	15	0.008	0.129	5225	Zawór w grzejniku
Z			1/10	165 11 62-66	2	0.39	15	0.008	0.130	5230	Zawór w grzejniku
Z			1/05	165 11 62-66	3	0.39	15	0.008	0.135	5231	Zawór w grzejniku
Z			0/11	165 11 62-66	2	0.40	15	0.008	0.127	5237	Zawór w grzejniku
Z			1/06	165 11 62-66	3	0.39	15	0.009	0.138	5238	Zawór w grzejniku
Z			1/05	165 11 62-66	3	0.39	15	0.008	0.135	5238	Zawór w grzejniku
Z			1/06	165 11 62-66	3	0.39	15	0.008	0.134	5243	Zawór w grzejniku
Z			0/27	165 11 62-66	2	0.40	15	0.006	0.104	5245	Zawór w grzejniku
Z			0/34	165 11 62-66	2	0.40	15	0.008	0.123	5247	Zawór w grzejniku
Z			1/06	165 11 62-66	3	0.39	15	0.008	0.134	5247	Zawór w grzejniku
Z			1/09	165 11 62-66	3	0.39	15	0.010	0.155	5250	Zawór w grzejniku
Z			0/21	165 11 62-66	2	0.40	15	0.006	0.088	5263	Zawór w grzejniku
Z			0/15	165 11 62-66	2	0.41	15	0.008	0.128	5280	Zawór w grzejniku
Z			1/09	165 11 62-66	3	0.40	15	0.009	0.146	5288	Zawór w grzejniku
Z			1/17	165 11 62-66	2	0.40	15	0.003	0.054	5291	Zawór w grzejniku
Z			0/20	165 11 62-66	2	0.41	15	0.007	0.105	5296	Zawór w grzejniku
Z			0/01	165 11 62-66	3	0.40	15	0.009	0.146	5359	Zawór w grzejniku
Z			1/19	165 11 62-66	3	0.40	15	0.009	0.137	5379	Zawór w grzejniku
Z			1/18	165 11 62-66	3	0.40	15	0.010	0.157	5397	Zawór w grzejniku
Z			1/19	165 11 62-66	3	0.41	15	0.009	0.137	5400	Zawór w grzejniku
Z			1/18	165 11 62-66	2	0.41	15	0.008	0.128	5403	Zawór w grzejniku
Z			1/18	165 11 62-66	2	0.41	15	0.008	0.127	5451	Zawór w grzejniku
Z			0/09	ADV6-K	2	0.42	15	0.005	0.083	5487	Gałązka grzejnika dn 16

Wyniki - Nastawy

Typ	Numer		Pom.	Symbol	Nastawa	Aut.	dn	G	Kv	dP	Lokalizacja elementu
	Pion	Dział.					[mm]	[kg/s]	[m3/h]	[Pa]	
Z			1/20	165 11 62-66	3	0.41	15	0.009	0.135	5501	Zawór w grzejniku
Z			0/14	ADV6-K	2	0.42	15	0.003	0.054	5601	Gałązka grzejnika dn 16
Z			0/22	ADV6-K	2	0.43	15	0.005	0.079	5623	Gałązka grzejnika dn 16