

PRO-SPRAY	APLICATII	MODELE
ASPERSOR ESCAMOTABIL STATIC	rezidential	shrub, 10cm, 15cm, 30cm

### CARACTERISTICI

- Modele : ridicare 0cm, 10cm, 15cm sau 30cm
- Racordare prin lateral valabil pentru modelele cu ridicare de 15 si 30cm
- Compatibil cu toate duzele cu filet interior

### CARACTERISTICI FUNCTIONARE

Presiunea recomandata : 1.0 ÷ 5bar; 100 ÷ 500kPa

### DIMENSIUNI

Inaltimea totala :

- Modelul shrub (0cm) : 4cm
- Modelul cu ridicare 10cm : 15.5cm
- Modelul cu ridicare 15cm : 22.5cm
- Modelul cu ridicare 30cm :

Diametru expus : 3cm

Sistem de prindere : ½" Fi



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### 4A

Raza : 1.2m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	□	Δ
45°	1.0	0.9	0.02	0.33	162	187
	1.5	0.9	0.02	0.33	202	234
	2.0	1.2	0.02	0.33	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.02</b>	<b>0.33</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.03	0.50	151	174
90°	1.0	0.9	0.03	0.50	162	187
	1.5	0.9	0.04	0.67	202	234
	2.0	1.2	0.05	0.83	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.05</b>	<b>0.83</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.05	0.83	151	174
120°	1.0	0.9	0.04	0.67	162	187
	1.5	0.9	0.05	0.83	202	234
	2.0	1.2	0.06	1.00	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.07</b>	<b>1.17</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.07	1.17	151	174
180°	1.0	0.9	0.07	1.17	162	187
	1.5	0.9	0.08	1.33	202	234
	2.0	1.2	0.1	1.67	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.1</b>	<b>1.67</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.11	1.83	151	174
240°	1.0	0.9	0.09	1.50	162	187
	1.5	0.9	0.11	1.83	202	234
	2.0	1.2	0.13	2.17	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.13</b>	<b>2.17</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.14	2.33	151	174
270°	1.0	0.9	0.1	1.67	162	187
	1.5	0.9	0.12	2.00	202	234
	2.0	1.2	0.14	2.33	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.15</b>	<b>2.50</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.16	2.67	151	174
360°	1.0	0.9	0.13	2.17	162	187
	1.5	0.9	0.16	2.67	202	234
	2.0	1.2	0.19	3.17	133	154
	<b>2.1</b>	<b>1.2</b>	<b>0.2</b>	<b>3.33</b>	<b>137</b>	<b>158</b>
	2.5	1.2	0.22	3.67	151	174

### 6A

Raza : 1.8m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	□	Δ
45°	1.0	1.5	0.02	0.33	79	91
	1.5	1.5	0.03	0.50	98	113
	2.0	1.8	0.03	0.50	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.03</b>	<b>0.50</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.04	0.67	90	104
90°	1.0	1.5	0.04	0.67	79	91
	1.5	1.5	0.06	1.00	98	113
	2.0	1.8	0.06	1.00	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.07</b>	<b>1.17</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.07	1.17	90	104
120°	1.0	1.5	0.06	1.00	79	91
	1.5	1.5	0.07	1.17	98	113
	2.0	1.8	0.09	1.50	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.09</b>	<b>1.50</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.1	1.67	90	104
180°	1.0	1.5	0.09	1.50	79	91
	1.5	1.5	0.11	1.83	98	113
	2.0	1.8	0.13	2.17	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.13</b>	<b>2.17</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.15	2.50	90	104
240°	1.0	1.5	0.12	2.00	79	91
	1.5	1.5	0.15	2.50	98	113
	2.0	1.8	0.17	2.83	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.18</b>	<b>3.00</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.19	3.17	90	104
270°	1.0	1.5	0.13	2.17	79	91
	1.5	1.5	0.17	2.83	98	113
	2.0	1.8	0.19	3.17	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.2</b>	<b>3.33</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.22	3.67	90	104
360°	1.0	1.5	0.18	3.00	79	91
	1.5	1.5	0.22	3.67	98	113
	2.0	1.8	0.26	4.33	80	92
	<b>2.1</b>	<b>1.8</b>	<b>0.27</b>	<b>4.50</b>	<b>82</b>	<b>95</b>
	2.5	1.8	0.29	4.83	90	104



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**8A**

Raza : 2.4m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	□	Δ
45°	1.0	1.7	0.02	0.33	62	72
	1.5	2.1	0.03	0.50	51	59
	2.0	2.4	0.03	0.50	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.03</b>	<b>0.50</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.04	0.67	38	44
90°	1.0	1.7	0.04	0.67	62	72
	1.5	2.1	0.06	1.00	51	59
	2.0	2.4	0.07	1.17	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.07</b>	<b>1.17</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.07	1.17	38	44
120°	1.0	1.7	0.06	1.00	62	72
	1.5	2.1	0.07	1.17	51	59
	2.0	2.4	0.09	1.50	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.09</b>	<b>1.50</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.1	1.67	38	44
180°	1.0	1.7	0.09	1.50	62	72
	1.5	2.1	0.11	1.83	51	59
	2.0	2.4	0.13	2.17	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.13</b>	<b>2.17</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.15	2.50	38	44
240°	1.0	1.7	0.12	2.00	62	72
	1.5	2.1	0.15	2.50	51	59
	2.0	2.4	0.17	2.83	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.18</b>	<b>3.00</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.2	3.33	38	44
270°	1.0	1.7	0.13	2.17	62	72
	1.5	2.1	0.17	2.83	51	59
	2.0	2.4	0.2	3.33	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.2</b>	<b>3.33</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.22	3.67	38	44
360°	1.0	1.7	0.18	3.00	62	72
	1.5	2.1	0.22	3.67	51	59
	2.0	2.4	0.26	4.33	46	53
	<b>2.1</b>	<b>2.7</b>	<b>0.27</b>	<b>4.50</b>	<b>37</b>	<b>43</b>
	2.5	2.8	0.3	5.00	38	44

**10A**

Raza : 3m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	□	Δ
45°	1.0	2.1	0.04	0.67	68	79
	1.5	2.4	0.05	0.83	66	76
	2.0	3	0.06	1.00	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.06</b>	<b>1.00</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.06	1.00	41	47
90°	1.0	2.1	0.08	1.33	68	79
	1.5	2.4	0.09	1.50	66	76
	2.0	3	0.11	1.83	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.11</b>	<b>1.83</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.12	2.00	41	47
120°	1.0	2.1	0.1	1.67	68	79
	1.5	2.4	0.13	2.17	66	76
	2.0	3	0.15	2.50	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.15</b>	<b>2.50</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.17	2.83	41	47
180°	1.0	2.1	0.15	2.50	68	79
	1.5	2.4	0.19	3.17	66	76
	2.0	3	0.22	3.67	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.23</b>	<b>3.83</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.25	4.17	41	47
240°	1.0	2.1	0.2	3.33	68	79
	1.5	2.4	0.25	4.17	66	76
	2.0	3	0.29	4.83	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.3</b>	<b>5.00</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.33	5.50	41	47
270°	1.0	2.1	0.23	3.83	68	79
	1.5	2.4	0.28	4.67	66	76
	2.0	3	0.33	5.50	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.34</b>	<b>5.67</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.37	6.17	41	47
360°	1.0	2.1	0.3	5.00	68	79
	1.5	2.4	0.38	6.33	66	76
	2.0	3	0.44	7.33	49	57
	<b>2.1</b>	<b>3.3</b>	<b>0.45</b>	<b>7.50</b>	<b>42</b>	<b>48</b>
	2.5	3.5	0.5	8.33	41	47


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12A						
Raza : 3.6m						
Unghi	Presiune	Raza	Debit		Precipit.	
			m <sup>3</sup> /h	l/min	□	Δ
	Bar	m				
45°	1.0	2.7	0.05	0.83	53	61
	1.5	3.2	0.06	1.00	47	55
	2.0	3.7	0.07	1.17	42	48
	<b>2.1</b>	<b>4</b>	<b>0.07</b>	<b>1.17</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.08	1.33	36	42
90°	1.0	2.7	0.1	1.67	53	61
	1.5	3.2	0.12	2.00	47	55
	2.0	3.7	0.14	2.33	42	48
	<b>2.1</b>	<b>4</b>	<b>0.15</b>	<b>2.50</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.16	2.67	36	42
120°	1.0	2.7	0.13	2.17	53	61
	1.5	3.2	0.16	2.67	47	55
	2.0	3.7	0.19	3.17	42	48
	<b>2.1</b>	<b>4</b>	<b>0.19</b>	<b>3.17</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.21	3.50	36	42
180°	1.0	2.7	0.19	3.17	53	61
	1.5	3.2	0.24	4.00	47	55
	2.0	3.7	0.28	4.67	42	48
	<b>2.1</b>	<b>4</b>	<b>0.29</b>	<b>4.83</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.32	5.33	36	42
240°	1.0	2.7	0.26	4.33	53	61
	1.5	3.2	0.32	5.33	47	55
	2.0	3.7	0.38	6.33	42	48
	<b>2.1</b>	<b>4</b>	<b>0.39</b>	<b>6.50</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.43	7.17	36	42
270°	1.0	2.7	0.29	4.83	53	61
	1.5	3.2	0.36	6.00	47	55
	2.0	3.7	0.43	7.17	42	48
	<b>2.1</b>	<b>4</b>	<b>0.44</b>	<b>7.33</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.48	8.00	36	42
360°	1.0	2.7	0.39	6.50	53	61
	1.5	3.2	0.49	8.17	47	55
	2.0	3.7	0.57	9.50	42	48
	<b>2.1</b>	<b>4</b>	<b>0.58</b>	<b>9.67</b>	<b>36</b>	<b>42</b>
	2.5	4.2	0.64	10.67	36	42

15A						
Raza : 4.5m						
Unghi	Presiune	Raza	Debit		Precipit.	
			m <sup>3</sup> /h	l/min	□	Δ
	Bar	m				
45°	1.0	3.4	0.07	1.17	50	57
	1.5	3.9	0.09	1.50	47	54
	2.0	4.6	0.1	1.67	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.11</b>	<b>1.83</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.12	2.00	35	40
90°	1.0	3.4	0.14	2.33	50	57
	1.5	3.9	0.18	3.00	47	54
	2.0	4.6	0.21	3.50	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.22</b>	<b>3.67</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.24	4.00	35	40
120°	1.0	3.4	0.19	3.17	50	57
	1.5	3.9	0.24	4.00	47	54
	2.0	4.6	0.28	4.67	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.29</b>	<b>4.83</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.32	5.33	35	40
180°	1.0	3.4	0.29	4.83	50	57
	1.5	3.9	0.36	6.00	47	54
	2.0	4.6	0.42	7.00	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.43</b>	<b>7.17</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.47	7.83	35	40
240°	1.0	3.4	0.38	6.33	50	57
	1.5	3.9	0.48	8.00	47	54
	2.0	4.6	0.56	9.33	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.57</b>	<b>9.50</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.63	10.50	35	40
270°	1.0	3.4	0.43	7.17	50	57
	1.5	3.9	0.54	9.00	47	54
	2.0	4.6	0.63	10.50	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.65</b>	<b>10.83</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.71	11.83	35	40
360°	1.0	3.4	0.57	9.50	50	57
	1.5	3.9	0.72	12.00	47	54
	2.0	4.6	0.84	14.00	40	46
	<b>2.1</b>	<b>4.9</b>	<b>0.86</b>	<b>14.33</b>	<b>36</b>	<b>41</b>
	2.5	5.2	0.95	15.83	35	40

**17A**

Raza : 5m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	□	Δ
<b>45°</b>	1.0	4.7	0.09	1.50	33	39
	1.5	4.9	0.12	2.00	38	44
	2.0	5.2	0.14	2.33	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.14</b>	<b>2.33</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.15	2.50	38	43
<b>90°</b>	1.0	4.7	0.18	3.00	33	39
	1.5	4.9	0.23	3.83	38	44
	2.0	5.2	0.27	4.50	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.28</b>	<b>4.67</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.31	5.17	38	43
<b>120°</b>	1.0	4.7	0.25	4.17	33	39
	1.5	4.9	0.31	5.17	38	44
	2.0	5.2	0.36	6.00	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.37</b>	<b>6.17</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.41	6.83	38	43
<b>180°</b>	1.0	4.7	0.37	6.17	33	39
	1.5	4.9	0.46	7.67	38	44
	2.0	5.2	0.54	9.00	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.56</b>	<b>9.33</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.61	10.17	38	43
<b>240°</b>	1.0	4.7	0.49	8.17	33	39
	1.5	4.9	0.62	10.33	38	44
	2.0	5.2	0.72	12.00	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.74</b>	<b>12.33</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.82	13.67	38	43
<b>270°</b>	1.0	4.7	0.55	9.17	33	39
	1.5	4.9	0.69	11.50	38	44
	2.0	5.2	0.81	13.50	40	46
	<b>2.1</b>	<b>5.5</b>	<b>0.83</b>	<b>13.83</b>	<b>37</b>	<b>42</b>
	2.5	5.7	0.92	15.33	38	43
<b>360°</b>	1.0	4.7	0.74	12.33	33	39
	1.5	4.9	0.92	15.33	38	44
	2.0	5.2	1.08	18.00	40	46
	<b>2.1</b>	<b>5.5</b>	<b>1.11</b>	<b>18.50</b>	<b>37</b>	<b>42</b>
	2.5	5.7	1.22	20.33	38	43

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Duze cu udare sub forma dreptunghiulara					
Model	Presiune	Lungime x latime	Debit		
			Bar	m	m <sup>3</sup> /h
LCS515	(duza colt stanga)	1.0	1.2m x 4.2m	0.1	1.67
		1.5	1.2m x 4.3m	0.13	2.17
		2.0	1.5m x 4.5m	0.15	2.50
		<b>2.1</b>	<b>1.5m x 4.5m</b>	<b>0.15</b>	<b>2.50</b>
		2.5	1.5m x 4.5m	0.16	2.67
RCS515	(duza colt dreapta)	1.0	1.2m x 4.2m	0.1	1.67
		1.5	1.2m x 4.3m	0.13	2.17
		2.0	1.5m x 4.5m	0.15	2.50
		<b>2.1</b>	<b>1.5m x 4.5m</b>	<b>0.15</b>	<b>2.50</b>
		2.5	1.5m x 4.5m	0.16	2.67
SS530	(duza centru)	1.0	2.2m x 8.5m	0.21	3.50
		1.5	2.4m x 8.5m	0.25	4.17
		2.0	1.5m x 9m	0.29	4.83
		<b>2.1</b>	<b>1.5m x 9m</b>	<b>0.3</b>	<b>5.00</b>
		2.5	1.5m x 9m	0.33	5.50
ES515	(duza capat)	1.0	1.1m x 4.2m	0.1	1.67
		1.5	1.2m x 4.3m	0.13	2.17
		2.0	1.5m x 4.5m	0.15	2.50
		<b>2.1</b>	<b>1.5m x 4.5m</b>	<b>0.15</b>	<b>2.50</b>
		2.5	1.5m x 4.5m	0.16	2.67
CS530	(duza centru)	1.0	2.2m x 8.5m	0.21	3.50
		1.5	2.4m x 8.5m	0.25	4.17
		2.0	1.5m x 9m	0.29	4.83
		<b>2.1</b>	<b>1.5m x 9m</b>	<b>0.3</b>	<b>5.00</b>
		2.5	1.5m x 9m	0.33	5.50
SS918	(duza centru)	1.0	2.4m x 5.2m	0.27	4.50
		1.5	2.7m x 5.5m	0.33	5.50
		2.0	2.7m x 5.5m	0.38	6.33
		<b>2.1</b>	<b>2.7m x 5.5m</b>	<b>0.39</b>	<b>6.50</b>
		2.5	2.7m x 5.5m	0.43	7.17

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**Duza cu udare in fascicule S-8A**

Raza : 2.4m



Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	o	Δ
90°	1.0	2.1	0.06	1.00	2.28	2.63
	1.5	2.4	0.07	1.17	1.93	2.22
	2.0	2.4	0.08	1.33	2.11	2.43
	<b>2.1</b>	<b>2.4</b>	<b>0.08</b>	<b>1.33</b>	<b>2.29</b>	<b>2.64</b>
	2.5	2.7	0.09	1.50	1.95	2.25
180°	1.0	2.1	0.11	1.83	2.12	2.45
	1.5	2.4	0.14	2.33	1.71	1.98
	2.0	2.4	0.16	2.67	1.8	2.08
	<b>2.1</b>	<b>2.4</b>	<b>0.16</b>	<b>2.67</b>	<b>1.89</b>	<b>2.19</b>
	2.5	2.7	0.18	3.00	1.57	1.81
360°	1.0	2.1	0.23	3.83	2.12	2.45
	1.5	2.4	0.28	4.67	1.67	1.93
	2.0	2.4	0.32	5.33	1.73	2
	<b>2.1</b>	<b>2.4</b>	<b>0.33</b>	<b>5.50</b>	<b>1.77</b>	<b>2.05</b>
	2.5	2.7	0.36	6.00	1.45	1.67

**Duza cu udare in fascicule S-16A**

Raza : 5.2m

Unghi	Presiune Bar	Raza m	Debit		Precipit. mm/h	
			m <sup>3</sup> /h	l/min	o	Δ
90°	1.0	4.6	0.09	1.50	0.68	0.79
	1.5	4.9	0.1	1.67	0.69	0.8
	2.0	4.9	0.11	1.83	0.75	0.87
	<b>2.1</b>	<b>5.2</b>	<b>0.11</b>	<b>1.83</b>	<b>0.72</b>	<b>0.83</b>
	2.5	5.5	0.12	2.00	0.68	0.78
180°	1.0	4.6	0.16	2.67	0.57	0.66
	1.5	4.9	0.19	3.17	0.6	0.69
	2.0	4.9	0.22	3.67	0.66	0.76
	<b>2.1</b>	<b>5.2</b>	<b>0.23</b>	<b>3.83</b>	<b>0.65</b>	<b>0.75</b>
	2.5	5.5	0.25	4.17	0.62	0.71
360°	1.0	4.6	0.31	5.17	0.51	0.59
	1.5	4.9	0.38	6.33	0.55	0.63
	2.0	4.9	0.44	7.33	0.62	0.72
	<b>2.1</b>	<b>5.2</b>	<b>0.45</b>	<b>7.50</b>	<b>0.61</b>	<b>0.7</b>
	2.5	5.5	0.49	8.17	0.59	0.68

**Duza bubbler multi-jet**

Unghi	Model	Raza m	Debit	
			m <sup>3</sup> /h	l/min
90°	MSBN-25Q	0.3	0.06	1.00
	MSBN-50Q	0.46	0.11	1.83
180°	MSBN-50H	0.3	0.11	1.83
	MSBN-10H	0.46	0.23	3.83
360°	MSBN-10F	0.3	0.23	3.83
	MSBN-20F	0.46	0.45	7.50

**Duza bubbler 5-CST-B**

Presiune Bar	Raza m	Debit	
		m <sup>3</sup> /h	l/min
1.0	1.5	0.07	1.17
1.5	1.5	0.07	1.17
2.0	1.5	0.09	1.50
2.1	1.5	0.09	1.50
2.5	1.5	0.1	1.67

**Duza bubbler PCB/PCN & AFB**


Model	Debit	
	m <sup>3</sup> /h	l/min
25	0.06	1.00
50	0.11	1.83
10	0.23	3.83
20	0.45	7.50


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**MP1000**  
Raza : 2.5m - 4.5m

Unghi	Presiune Bar	Culoare	Raza m	Debit		Precipit. mm/h	
				m <sup>3</sup> /h	l/min	o	Δ
90°	1.75	Maro = 90° - 210°	--	--	--	--	--
	2		3.7	0.036	0.60	11	12
	2.25		3.8	0.038	0.63	10	12
	2.5		4	0.041	0.68	10	12
	2.75		4.1	0.042	0.70	10	11
	3		4.3	0.044	0.73	10	11
	3.25		4.3	0.045	0.75	10	11
	3.5		4.4	0.047	0.78	10	11
3.75	4.6	0.049	0.82	9	11		
180°	1.75	Maro = 90° - 210°	--	--	--	--	--
	2		3.7	0.072	1.20	11	12
	2.25		3.8	0.076	1.27	10	12
	2.5		4	0.081	1.35	10	12
	2.75		4.1	0.084	1.40	10	11
	3		4.3	0.088	1.47	10	11
	3.25		4.3	0.091	1.52	10	11
	3.5		4.4	0.094	1.57	10	11
3.75	4.6	0.00	0.00	9	11		
210°	1.75	Albastru deschis = 210° - 270°	--	--	--	--	--
	2		3.7	0.085	1.42	11	12
	2.25		3.8	0.089	1.48	10	12
	2.5		4	0.095	1.58	10	12
	2.75		4.1	0.098	1.63	10	11
	3		4.3	0.102	1.70	10	11
	3.25		4.3	0.106	1.77	10	11
	3.5		4.4	0.109	1.82	10	11
3.75	4.6	0.113	1.88	9	11		
270°	1.75	Albastru deschis = 210° - 270°	--	--	--	--	--
	2		3.7	0.108	1.80	11	12
	2.25		3.8	0.114	1.90	10	12
	2.5		4	0.123	2.05	10	12
	2.75		4.1	0.126	2.10	10	11
	3		4.3	0.132	2.20	10	11
	3.25		4.3	0.135	2.25	10	11
	3.5		4.4	0.141	2.35	10	11
3.75	4.6	0.147	2.45	9	11		
360°	1.75	Olive = 360°	--	--	--	--	--
	2		3.7	0.144	2.40	11	12
	2.25		3.8	0.153	2.55	10	12
	2.5		4	0.161	2.68	10	12
	2.75		4.1	0.169	2.82	10	11
	3		4.3	0.177	2.95	10	11
	3.25		4.3	0.183	3.05	10	11
	3.5		4.4	0.19	3.17	10	11
3.75	4.6	0.195	3.25	9	11		



**MP2000**

Raza : 4m - 6.4m

Unghi	Presiune Bar	Culoare	Raza m	Debit		Precipit. mm/h	
				m <sup>3</sup> /h	l/min	o	Δ
90°	1.75	Negru = 90° - 210°	5.2	0.071	1.18	11	12
	2		5.5	0.074	1.23	10	11
	2.25		5.6	0.08	1.33	10	12
	2.5		5.8	0.086	1.43	10	12
	2.75		6.1	0.091	1.52	10	11
	3		6.4	0.094	1.57	9	11
	3.25		6.6	0.097	1.62	9	10
	3.5		6.7	0.101	1.68	9	10
180°	3.75	Negru = 90° - 210°	6.7	0.106	1.77	9	11
	1.75		5.2	0.133	2.22	11	12
	2		5.5	0.141	2.35	10	11
	2.25		5.6	0.15	2.50	10	12
	2.5		5.8	0.16	2.67	10	12
	2.75		6.1	0.168	2.80	10	11
	3		6.4	0.174	2.90	9	11
	3.25		6.6	0.182	3.03	9	10
210°	3.5	Verde = 210° - 270°	6.7	0.189	3.15	9	10
	3.75		6.7	0.193	3.22	9	11
	1.75		5.2	0.155	2.58	11	12
	2		5.5	0.165	2.75	10	11
	2.25		5.6	0.175	2.92	10	12
	2.5		5.8	0.185	3.08	10	12
	2.75		6.1	0.195	3.25	10	11
	3		6.4	0.205	3.42	9	11
270°	3.25	Verde = 210° - 270°	6.6	0.214	3.57	9	10
	3.5		6.7	0.222	3.70	9	10
	3.75		6.7	0.228	3.80	9	11
	1.75		5.2	0.199	3.32	11	12
	2		5.5	0.212	3.53	10	11
	2.25		5.6	0.225	3.75	10	12
	2.5		5.8	0.238	3.97	10	12
	2.75		6.1	0.249	4.15	10	11
360°	3	Rosu = 360°	6.4	0.261	4.35	9	11
	3.25		6.6	0.272	4.53	9	10
	3.5		6.7	0.282	4.70	9	10
	3.75		6.7	0.293	4.88	9	11
	1.75		5.2	0.265	4.42	11	12
	2		5.5	0.283	4.72	10	11
	2.25		5.6	0.3	5.00	10	12
	2.5		5.8	0.317	5.28	10	12
360°	2.75	Rosu = 360°	6.1	0.333	5.55	10	11
	3		6.4	0.348	5.80	9	11
	3.25		6.6	0.362	6.03	9	10
	3.5		6.7	0.375	6.25	9	10
	3.75		6.7	0.384	6.40	9	11



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**MP3000**

Raza : 6.7m - 9.1m

Unghi	Presiune Bar	Culoare	Raza		Debit		Precipit. mm/h	
			m	m <sup>3</sup> /h	l/min	o	Δ	
90°	1.75	Albastru = 90° - 210°	7.6	0.158	2.63	11	13	
	2		8.2	0.166	2.77	10	11	
	2.25		8.4	0.175	2.92	10	12	
	2.5		8.5	0.185	3.08	10	12	
	2.75		9.1	0.195	3.25	9	11	
	3		9.1	0.203	3.38	10	11	
	3.25		9.1	0.212	3.53	10	12	
	3.5		9.1	0.22	3.67	11	12	
	3.75		9.1	0.228	3.80	11	13	
180°	1.75		7.6	0.329	5.48	11	13	
	2		8.2	0.353	5.88	10	11	
	2.25		8.4	0.373	6.22	10	12	
	2.5		8.5	0.393	6.55	10	12	
	2.75		9.1	0.413	6.88	9	11	
	3		9.1	0.431	7.18	10	11	
	3.25		9.1	0.449	7.48	10	12	
	3.5		9.1	0.466	7.77	11	12	
	3.75		9.1	0.481	8.02	11	13	
210°	1.75	Galben = 210° - 270°	7.6	0.384	6.40	11	13	
	2		8.2	0.411	6.85	10	11	
	2.25		8.4	0.436	7.27	10	12	
	2.5		8.5	0.459	7.65	10	12	
	2.75		9.1	0.481	8.02	9	11	
	3		9.1	0.502	8.37	10	11	
	3.25		9.1	0.523	8.72	10	12	
	3.5		9.1	0.542	9.03	11	12	
	3.75		9.1	0.562	9.37	11	13	
270°	1.75		7.6	0.501	8.35	11	13	
	2		8.2	0.53	8.83	10	11	
	2.25		8.4	0.56	9.33	10	12	
	2.5		8.5	0.589	9.82	10	12	
	2.75		9.1	0.619	10.32	9	11	
	3		9.1	0.646	10.77	10	11	
	3.25		9.1	0.673	11.22	10	12	
	3.5		9.1	0.701	11.68	11	12	
	3.75		9.1	0.727	12.12	11	13	
360°	1.75	Gri = 360°	7.6	0.659	10.98	11	13	
	2		8.2	0.703	11.72	10	11	
	2.25		8.4	0.745	12.42	10	12	
	2.5		8.5	0.786	13.10	10	12	
	2.75		9.1	0.825	13.75	9	11	
	3		9.1	0.862	14.37	10	11	
	3.25		9.1	0.897	14.95	10	12	
	3.5		9.1	0.931	15.52	11	12	
	3.75		9.1	0.964	16.07	11	13	

MPCorner

MP strip

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**MP CORNER** Raza:2.5m - 4.5m

Unghi	Presiune	Culoare	Raza	Debit		
	Bar			m	m <sup>3</sup> /h	l/min
45°	1.75	Turcoaz = 45° - 105°	--	--	--	--
	2		3.5	0.036	0.60	
	2.25		3.8	0.038	0.63	
	2.5		4	0.041	0.68	
	2.75		4.1	0.042	0.70	
	3		4.3	0.044	0.73	
	3.25		4.3	0.045	0.75	
	3.5		4.4	0.047	0.78	
	3.75		4.5	0.049	0.82	
	90°		1.75	Turcoaz = 45° - 105°	3.2	0.069
2		3.5	0.076		1.27	
2.25		3.8	0.079		1.32	
2.5		4	0.084		1.40	
2.75		4.1	0.086		1.43	
3		4.3	0.094		1.57	
3.25		4.3	0.098		1.63	
3.5		4.4	0.1		1.67	
3.75		4.5	0.104		1.73	
105°		1.75	Turcoaz = 45° - 105°		3.2	0.08
	2	3.5		0.089	1.48	
	2.25	3.8		0.092	1.53	
	2.5	4		0.098	1.63	
	2.75	4.1		0.102	1.70	
	3	4.3		0.11	1.83	
	3.25	4.3		0.113	1.88	
	3.5	4.4		0.117	1.95	
	3.75	4.5		0.12	2.00	

**Duze MP Strip - udare in dreptunghi**

Unghi	Presiune	Culoare	Raza	Debit	
	Bar			m	m <sup>3</sup> /h
MP Left Strip	2.1	Ivoriu	1.2m x 4.3m	0.0432	0.72
	2.4		1.5m x 4.6m	0.048	0.80
	2.8		1.5m x 4.6m	0.0498	0.83
	3.1		1.5m x 4.6m	0.0522	0.87
	3.4		1.8m x 4.9m	0.057	0.95
	3.8		1.8m x 4.9m	0.0588	0.98
	MP Right Strip		2.1	Cupru	1.2m x 4.3m
2.4		1.5m x 4.6m	0.048		0.80
2.8		1.5m x 4.6m	0.0498		0.83
3.1		1.5m x 4.6m	0.0522		0.87
3.4		1.8m x 4.9m	0.057		0.95
MP Side Strip	2.1	Maro	1.2m x 8.5m	0.0864	1.44
	2.4		1.5m x 9.1m	0.093	1.55
	2.8		1.5m x 9.1m	0.0996	1.66
	3.1		1.5m x 9.1m	0.1068	1.78
	3.4		1.8m x 9.8m	0.111	1.85
	3.8		1.8m x 9.8m	0.1158	1.93


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