



# Flat fan nozzles with bayonet quick release cap Series 646



Spray angle	Ordering no.		A ∅ [mm]	E ∅ [mm]	V̇ [l/min]							Spray width B at p = 2 bar	
	Type	Mat- no. <b>5E</b>			p [bar]								
					0,5	1,0	2,0	[US gal./ min] at 40 psi	3,0	5,0	10,0		
120°	646. 307	○	0,70	0,30	0,16*	0,23*	0,32	0,10	0,39	0,51	0,72	625	1175
	646. 337	○	0,90	0,40	0,22*	0,32*	0,45	0,14	0,55	0,71	1,01	630	1180
	646. 367	○	1,00	0,50	0,31*	0,44*	0,63	0,20	0,77	1,00	1,41	635	1190
	646. 407	○	1,20	0,60	0,50*	0,71	1,00	0,31	1,23	1,58	2,24	640	1195
	646. 447	○	1,35	0,60	0,62*	0,88	1,25	0,39	1,53	1,98	2,80	645	1200
	646. 487	○	1,50	0,60	0,80*	1,13	1,60	0,50	1,96	2,53	3,58	650	1200
	646. 517	○	1,65	0,90	0,95*	1,34	1,90	0,59	2,33	3,00	4,25	650	1205
	646. 567	○	2,00	0,90	1,25	1,77	2,50	0,78	3,06	3,95	5,59	655	1210
	646. 607	○	2,20	1,10	1,58	2,23	3,15	0,98	3,86	4,98	7,04	660	1215

A = Equivalent bore diameter · E = narrowest free cross section  
 \*Differing spray pattern  
 Subject to technical modifications.

The folded page at the end of the catalogue will give you a survey on the various assembly possibilities.  
 For complete assembly accessories, please refer to »Accessories«.

<b>Example</b>	<b>Type</b>	<b>+</b>	<b>Material no.</b>	<b>=</b>	<b>Ordering no.</b>
<b>for ordering:</b>	<b>646. 307</b>	<b>+</b>	<b>5E</b>	<b>=</b>	<b>646. 307. 5E</b>



Assembly accessories see page 10.3

Conversion formula for the above series:  $\dot{V}_2 = \dot{V}_1 * \sqrt{\frac{p_2}{p_1}}$

