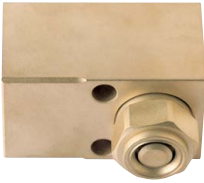


CONTINUOUS CASTING

SA



A = Air flow (Ncm/h)
W = water flow (lpm)

ATOMIZER SET-UPS

The atomizer set-ups determines the basic performances of the atomizer, that is spray angle, water capacity and air capacity.

The assembly of a given set-up onto one of the different body style available makes a complete atomizer.

Material

Normally delivered in brass, both body and set-up can be quoted in Aisi 303 and 316 stainless steel.

AIR ATOMIZERS / SET-UP TABLES

FULL CONE SET-UPS

Full cone atomizers are preferably used for machines casting billets and show therefore a range of low water capacities, with spray angles between 30 and 90 degrees.

Tip Code	Air pressures (bar)								
	2.0		2.5		3.0				
	W	A	W	A	W	A			
SAF 3276	2.0	4.20	16.0	2.0	5.20	15.0	2.0	6.50	14.0
	2.5	3.50	22.0	2.5	4.80	21.0	2.5	5.80	19.0
	3.0	2.60	30.0	3.0	3.60	26.0	3.0	4.80	26.0
SAQ 3276	2.0	4.20	17.8	2.0	5.20	15.0	2.0	6.50	14.0
	2.5	3.50	22.0	2.5	4.80	21.0	2.5	5.70	19.0
	3.0	2.60	30.0	3.0	3.60	26.0	3.0	4.80	27.0
SAU 3156	2.0	2.00	11.9	2.0	2.80	10.0	2.0	3.50	8.50
	2.5	1.50	16.0	2.5	2.20	12.0	2.5	3.00	10.5
	3.0	1.00	18.0	3.0	1.70	17.0	3.0	2.40	14.8
SAU 3276	2.0	4.10	17.8	2.0	5.10	15.0	2.0	6.40	14.0
	2.5	3.40	22.0	2.5	4.80	21.0	2.5	5.70	19.0
	3.0	2.50	30.0	3.0	3.60	26.5	3.0	4.80	28.0

SB



A = Air flow (Ncm/h)
W = water flow (lpm)

FLAT JET SET-UPS

Flat jet set-ups can offer a wider spray coverage, and therefore they can be used in several applications ranging from billets to blooms and slabs production.

For the widest coverage requirement, double atomizer bodies are available.

Tip Code	Air pressures (bar)								
	2.0		2.5		3.0				
	W	A	W	A	W	A			
SBQ 3114	2.0	1.60	12.7	2.0	2.10	12.0	2.0	2.45	11.0
	2.5	1.00	16.5	2.5	1.40	15.0	2.5	1.90	14.0
	3.0	0.60	19.0	3.0	0.90	17.5	3.0	1.25	16.5
SBQ 3120	2.0	1.70	9.70	2.0	2.15	8.50	2.0	2.95	7.80
	2.5	1.10	13.0	2.5	1.80	11.8	2.5	2.22	10.5
	3.0	0.70	16.5	3.0	1.50	14.5	3.0	2.00	13.8
SBQ 3132	2.0	2.30	9.50	2.0	2.80	8.00	2.0	3.40	7.00
	2.5	1.40	12.5	2.5	2.40	11.3	2.5	3.00	10.0
	3.0	0.65	15.2	3.0	1.40	14.0	3.0	2.20	12.8
SBU 3132	2.0	2.30	9.50	2.0	2.80	8.00	2.0	3.40	7.00
	2.5	1.40	12.5	2.5	2.40	11.3	2.5	3.00	10.0
	3.0	0.65	15.2	3.0	1.40	14.0	3.0	2.20	12.8
SBU 3276	2.0	3.80	14.5	2.0	6.00	11.8	2.0	7.40	10.0
	2.5	2.60	20.0	2.5	4.60	16.0	2.5	6.50	14.0
	3.0	1.10	26.0	3.0	2.80	22.0	3.0	4.60	19.0
SBU 3450	2.0	4.10	17.8	2.0	5.10	15.0	2.0	6.40	14.0
	2.5	3.40	22.0	2.5	4.80	21.0	2.5	5.70	19.0
	3.0	2.50	30.0	3.0	3.60	26.5	3.0	4.80	28.0
SBW 3132	2.0	2.30	9.50	2.0	2.80	8.00	2.0	3.40	7.00
	2.5	1.40	12.5	2.5	2.40	11.3	2.5	3.00	10.0
	3.0	0.65	15.2	3.0	1.40	14.0	3.0	2.20	12.8
SBW 3276	2.0	3.80	14.5	2.0	6.00	11.8	2.0	7.40	10.0
	2.5	2.60	20.0	2.5	4.60	16.0	2.5	6.50	14.0
	3.0	1.10	26.0	3.0	2.80	22.0	3.0	4.60	19.0
SBW 3450	2.0	4.10	17.8	2.0	5.10	15.0	2.0	6.40	14.0
	2.5	3.40	22.0	2.5	4.80	21.0	2.5	5.70	19.0
	3.0	2.50	30.0	3.0	3.60	26.5	3.0	4.80	28.0