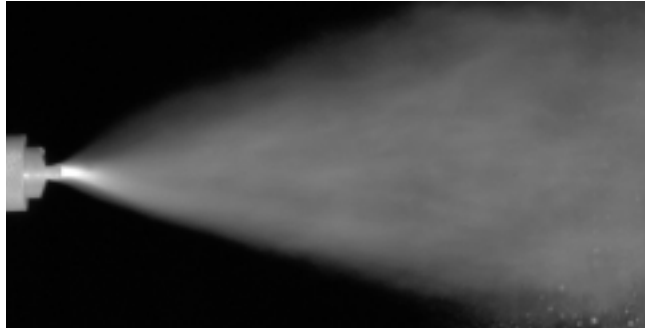


TYPICAL SPRAY PATTERN



TYPICAL APPLICATIONS

Chemical processing, continuous casting, cooling castings and moulds, curing concrete products, evaporative coolers, foam control, incineration, quenching, spray coating, spray drying, flue gas desulfurisation.

Nozzle Type	Spray Characteristics and Features	Type of Spray	Flow Range. L/Hour	Page No.
SWIRL-AIR	Internal mix design with a range of flow and spray angles. High turn down ratio. Variation on degree of atomisation.	Narrow – Wide angle hollow cone.	1,0 – 6720	D.1-16
GA	Siphon/gravity fed design with external mixing of air and liquid.	Narrow angle cone spray.	0,82 – 47,7	D.17
GC	Pressure fed design with external mixing of air and liquid.	Narrow angle cone spray.	26 – 148	D.18
AIRO	Pressure fed design with internal mixing of air and liquid.	Narrow angle cone spray.	18,9 – 604,8	D.19
AL	Constructional options.	–	–	D.20-23
AL	Siphon/gravity fed design with external mixing of air and liquid.	Narrow angle cone spray.	1,36 – 315	D.24-25
AL15	Siphon/pressure fed design with external mixing of air and liquid.	Medium angle flat spray.	1,36 – 280	D.26-27
AL 30	Pressure fed design with internal mixing of air and liquid.	Wide angle cone spray.	1,7 – 93	D.28
AL 45	Pressure fed design with internal mixing of air and liquid.	Narrow angle cone spray.	1,4 – 250	D.29
AL 60	Pressure fed design with internal mixing of air and liquid.	Wide angle flat spray.	0,95 – 140	D.30
AL 75	Pressure fed design with internal mixing of air and liquid.	Deflected flat spray.	5,7 – 26	D.31
AL 90	Siphon/gravity fed design with internal mixing of air and liquid.	Narrow angle cone spray.	0,49 – 7,6	D.31
SN	Siphon/gravity fed design with internal mixing of air and liquid.	Narrow angle cone spray.	0,1 – 10,3	D.32-33
LO-AIR	Pressure fed design with internal mixing of air and liquid.	Wide angle flat spray.	11,4 – 113,6	D.34-35
INTERNAL MIX	Pressure fed design with internal mixing of air and liquid.	Narrow angle cone spray.	113,6 – 2273	D.36-37
EXTERNAL MIX	Pressure fed design with external mixing of air and liquid.	Wide angle cone spray.	193 – 1410	D.38-39

AIR ATOMISING

Contact our Helpline for any special requirements:
Tel: +44 (0) 151 424 6821
Fax: +44 (0) 151 495 1043
e-mail: sales@delavan.co.uk
Web: www.delavan.co.uk

