

AIR NOZZLES

- * Used to spray air or steam in a controlled pattern.
- * Ideal for removing excess water and speeding up the drying process.
- * Standard nozzles spray through a single orifice whilst the AK Series air knife with its 16 exit holes reduces air consumption and noise.

Air Nozzle AK Series



TYPICAL APPLICATIONS

- * Drying
- * Cooling
- * Cleaning
- * Blowing-off products
- * Removing water
- * Air curtains
- * Re-heating
- * Defrosting
- * Transporting products

SPRAY CHARACTERISTICS

- * AK Nozzles convert a low pressure volume of compressed air into a high impact fan of air.
- * Spray pattern produced from 16 exit orifices as a curtain of compressed air.
- * Ideal for removing excess rinse water, speed-up drying time or removing particulate.
- * Quiet and efficient - reduces air consumption and noise by up to 12 dba.
- * See flow curve for more information

CONSTRUCTION

- * 1/4" BSPT male thread connection
- * 16 exit orifices
- * Recessed exit orifices ensure that air will escape if accidentally placed onto a flat surface.
- * 2 x 5mm diameter fixing holes

MATERIALS

- * Standard material is Acetal.

Air Nozzle CM Series



TYPICAL APPLICATIONS

- * Drying
- * Cooling
- * Cleaning
- * Blowing-off products
- * Removing water
- * Air curtains
- * Re-heating
- * Warming
- * Transporting products

SPRAY CHARACTERISTICS

- * High impact spray of air or steam

CONSTRUCTION

- * One piece male pipe design as standard.
- * No internal parts, therefore reducing the risk of blocking
- * Hex body prevents distortion of the orifice for quick and easy installation.

MATERIALS

- * Standard material are brass and 316 stainless steel.

Air Nozzle AN Series



TYPICAL APPLICATIONS

- * Drying
- * Cooling
- * Cleaning
- * Blowing-off products
- * Removing water
- * Air curtains
- * Re-heating
- * Warming
- * Transporting products

SPRAY CHARACTERISTICS

- * High impact spray of air or steam

CONSTRUCTION

- * One piece male pipe design as standard.
- * No internal parts, therefore reducing the risk of blocking
- * Spray deflected 75 degrees from inlet orifice
- * Hex body prevents distortion of the orifice for quick and easy installation.

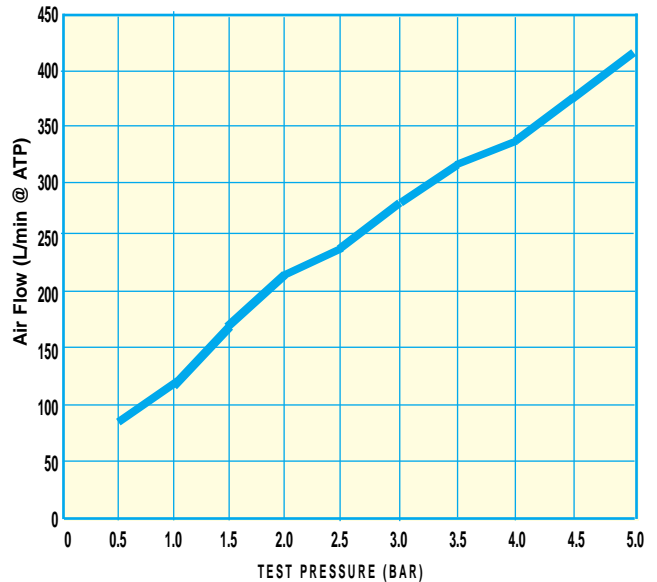
MATERIALS

- * Standard materials are brass and 316 stainless steel.

Refer to page 32 and 33 for flow rate chart




FLOW CURVE FOR AK SERIES NOZZLE




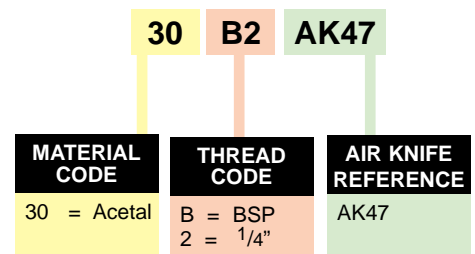
PART NOS. CM SERIES AIR NOZZLES

Nozzle Ref	Air Flow in M ³ /h @ bar				Saturated Steam Flow in kg/h @ bar			
	1.0	2.0	3.0	5.0	1.0	2.0	3.0	5.0
CM02E00	0.8	1.0	1.3	2.0	0.8	1.2	1.5	2.2
CM03E00	1.0	2.0	2.0	3.0	1.3	1.9	2.5	3.7
CM05E00	1.5	2.5	3.0	4.6	1.9	2.8	3.7	5.5
CM12E00	4.0	6.0	8.0	12.0	5.0	7.2	9.5	14.0
CM20E00	7.0	10.0	14.0	21.0	7.4	10.0	13.0	20.0
CM30E00	11.0	16.0	21.0	32.0	11.0	16.5	22.0	33.0

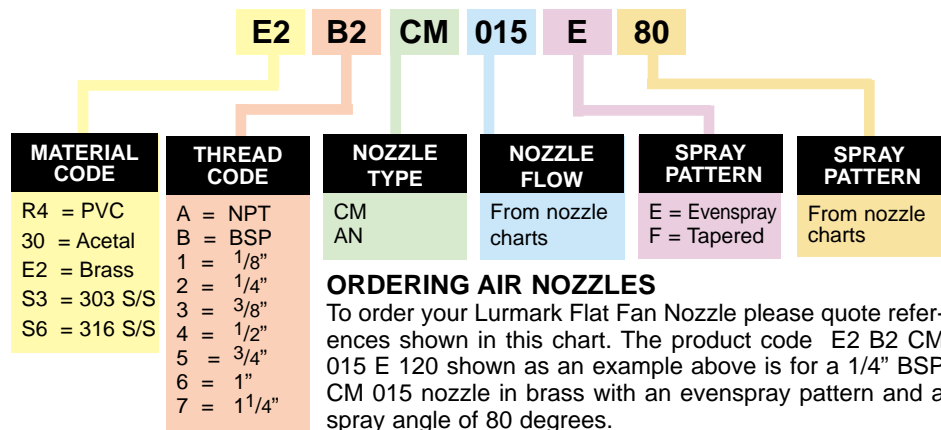


PART NOS. AN SERIES AIR NOZZLES

Tip Ref	Air Flow in L/min @ bar				Steam Flow in kg/h @ bar			
	0.7	1.5	3.0	3.5	0.7	1.5	3.0	3.5
AN0.5	4.5	6.4	10.5	11.6	0.16	0.23	0.37	0.41
AN0.75	6.2	9.1	14.7	16.7	0.23	0.33	0.53	0.60
AN1.0	9.6	13.7	22	25	0.34	0.49	0.80	0.90
AN1.5	15.3	22	36	40	0.54	0.78	1.3	1.5
AN2.0	19.3	28	45	51	0.68	1.0	1.6	1.8
AN2.5	27	37	60	71	0.95	1.3	2.1	2.5
AN3.0	31	47	77	85	1.1	1.7	2.7	3.0
AN4.0	40	57	85	108	1.4	2.0	3.1	3.9
AN5.0	54	76	124	139	1.9	2.7	4.5	5.0
AN7.5	79	117	189	210	2.9	4.2	6.8	7.6
AN10	110	159	255	290	3.9	5.7	9.2	10.4
AN15	181	260	420	475	6.5	9.3	15.0	17.1
AN20	225	325	520	590	8.0	11.6	18.8	21
AN30	320	465	760	850	11.6	16.8	27	30

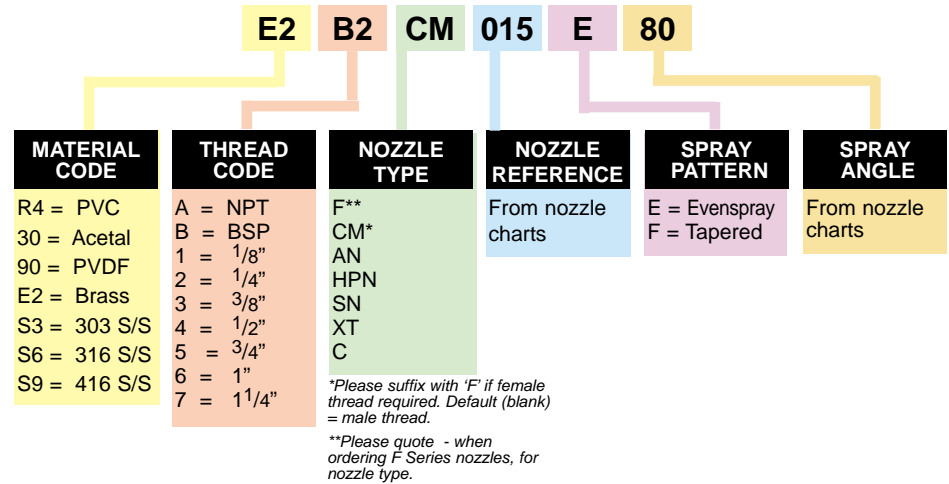
ORDERING A LURMARK AIR KNIFE
To order your Lurmark Air Knife please quote references shown in this chart.



ORDERING FLAT FAN NOZZLES

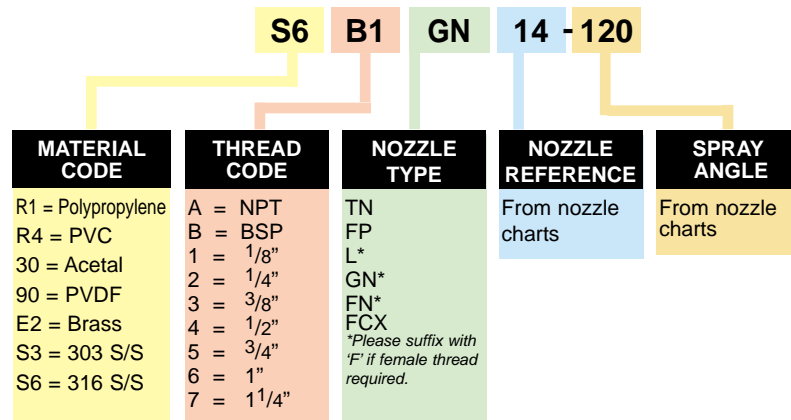
To order your Lurmark Flat Fan Nozzle please quote references shown in this chart. The product code E2B2CM 015E120 shown as an example above is for a 1/4" BSP CM 015 nozzle in brass with an evenspray pattern and a spray angle of 80 degrees.

Please note all straight jets should be ordered as E00 spray pattern.



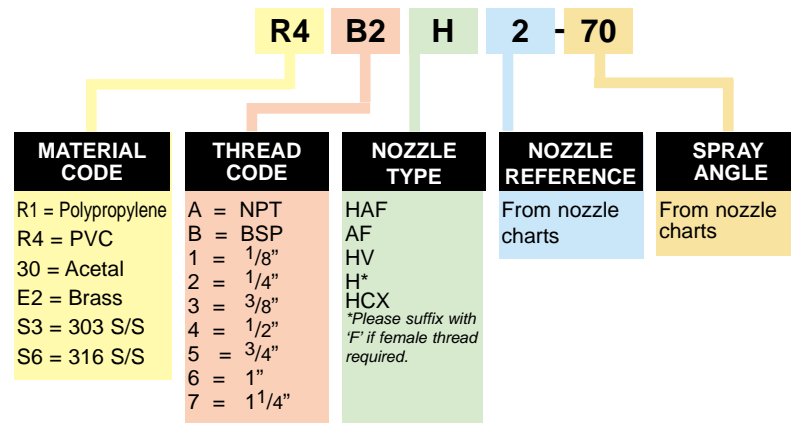
ORDERING FULL CONE NOZZLES

To order your Lurmark Flat Fan Nozzle please quote references shown in this chart. The product code S6 B1GN14-120 shown as an example above is for a 1/8" BSPGN14 nozzle in 316 stainless steel with a spray angle of 120 degrees.



ORDERING HOLLOW CONE NOZZLES

To order your Lurmark Flat Fan Nozzle please quote references shown in this chart. The product code R4B2H2-70 shown as an example above is for a 1/4" BSP H2 nozzle in PVC with a spray angle of 70 degrees.



ORDERING AIR ATOMISING NOZZLES

To order your Lurmark Air Atomising Nozzle please quote references shown in this chart. The product code S9B2VPLC50F shown as an example above is for a 1/4" Vapro jet with a pneumatic body with a single inlet c/w shut-off in nickel plated brass with an air and fluid cap combination of C50.

