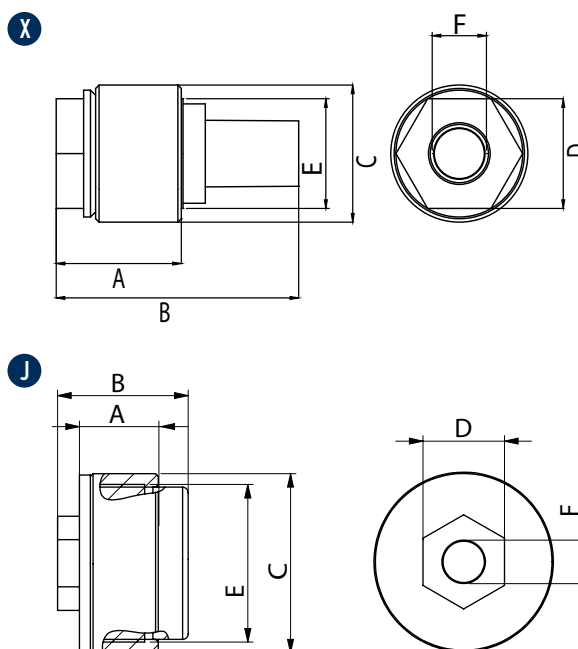


U - Aeration nozzles

The fluidization nozzles U025 and U060 facilitate the flow of material into silos and hoppers thanks to a constant injection of low pressure air. They are a very economical solution and can be easily mounted from the outside on existing silos and hoppers.



Model	Drawing	AIR CONSUMPTION			
		0.2 bar (2.9 psi)		1 bar (14 psi)	
		l/min*	Cfm	l/min*	Cfm
U025	X	0.83	0.03	-	-
U060	J	-	-	30	1.1

* With l/min we indicate NL/min so the air consumption normalized at the rated pressure.

U060 have been tested up to 3 bar in our R&D Dept. showing an air consumption of 120 l/m at 3 bar. Based on application and working condition a lower pressure is always preferable.

Model	DIMENSIONAL SPECIFICATIONS									
	A		B		C Ø		D	E		F
	mm	in	mm	in	mm	in	BSPP	mm	in	BSPP
U025	40	1.6	70	2.7	40	1.6	1	33	1.3	1/2
U060	31	1.2	48	1.9	66	2.6	2	30	1.2	3/8

U - AERATION NOZZLES

APPLICATION	Hopper and silo - piping
POWDER	Fine and dry powders (cement and lime)
PROBLEM SOLVING	Bridge and rat-holing

FEATURES

DUTY CYCLE	Continuous
WORKING PRESSURE	From 0.2 bar to 1 bar (from 2.9 psi to 14 psi)
PNEUMATIC CIRCUIT	Filter + flow control valve
AIR SUPPLY QUALITY	Class 5.4.1
WORKING TEMPERATURE	From -20 °C to 80 °C (from -4 °F to 176 °F)
TECHNOLOGY	Fluidization
MATERIAL	U060 - ring carbon steel, Supralen PE filter, Polyamide body U025 - ring carbon steel, sintered brass filter, Polyamide body

PNEUTROL INTERNATIONAL LIMITED

sales@pneutrol.com

UK OFFICE
5 CAULSIDE DRIVE, ANTRIM, NORTHERN IRELAND, BT41 2DU
TEL: +44 (0) 28 9448 1800, www.concretespares.co.uk

EUROPEAN OFFICE
UNIT 6, SAINT ANTHONY'S BUSINESS PARK, DUBLIN, IRELAND, D22 VW95
TEL: +353 (0) 1 4373653, www.concretespares.ie

AERATORS

AIR JET

PNEUMATIC LINEAR

PNEUMATIC ROTARY

ELECTRIC

HYDRAULIC