

**FEATURES AND BENEFITS**

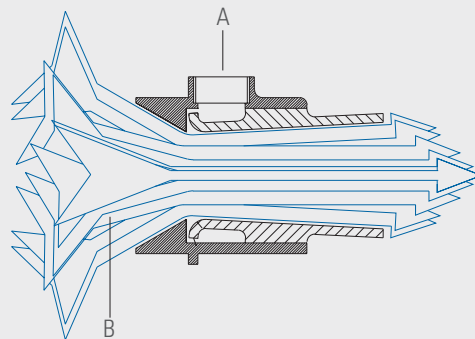
**WINDJET VARIABLE AIR AMPLIFIERS**

- Ideal for spot drying, blow-off and exhaust applications
- Deliver a targeted high volume, high velocity amplified air stream for fast drying and blow-off
- Save on air consumption while providing higher volumes of air
- Maintenance-free; no moving parts
- Low noise levels – meets OSHA pressure and noise requirements
- Easy to install and maintain
- Adjustable model available for easier maintenance and setting of air amplification
- Kits available with an automatic drain filter with a 50 micron filter element sized properly for flows
- Pressure regulator sized properly for flow is available



**HOW IT WORKS**

Intensifying precise amounts of compressed air, WindJet Variable Air Amplifiers produce a constant, high velocity air stream for very targeted drying and blow-off applications. Along with the compressed air (A), additional free air (B) is pulled through the unit, resulting in maximum air amplification.



**QUICK REFERENCE GUIDE**

Model	Connection	Connection Size (in.)	Outlet ODs in. (mm)	Materials
57080-075	F	1/8	3/4 (19)	Aluminum (AL), 316 stainless steel (316SS)
57080-125	F	1/4	1-1/4 (32)	Aluminum (AL), 316 stainless steel (316SS)
57080-200	F	3/8	2 (51)	Aluminum (AL), 316 stainless steel (316SS)
57080-400	F	1/2	4 (102)	Aluminum (AL), 316 stainless steel (316SS)

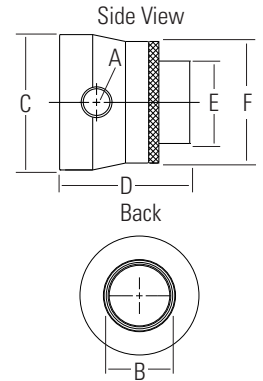


**PERFORMANCE DATA**

Model	Inlet Connection Size (in.)	Air Consumption scfm (Nlpm)	Amplification Ratio	Air Volume at Outlet scfm (Nlpm)
57080-075	1/8 NPT	9.3 (263)	10	93 (2634)
57080-125	1/4 NPT	13.1 (370)	16	209 (5919)
57080-200	3/8 NPT	21.4 (606)	20	428 (12121)
57080-400	1/2 NPT	50.3 (1424)	24	1207 (34182)

WindJet Variable Amplifier Performance at 80 psi (5.5 bar).

**DIMENSIONS AND WEIGHTS**

Side View 	Part No.	A (in.)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)
	57080-075	1/8 NPT	0.45 (11.4)	1.50 (38.1)	2.25 (57.2)	0.75 (19.1)	1.25 (31.8)
57080-125	1/4 NPT	0.85 (21.6)	2.00 (50.8)	2.90 (73.7)	1.25 (31.8)	1.75 (44.5)	
57080-200	3/8 NPT	1.65 (41.9)	3.13 (79.4)	3.25 (82.6)	2.00 (50.8)	2.75 (69.9)	
57080-400	1/2 NPT	3.00 (76.2)	5.00 (127)	5.00 (127)	4.00 (101.6)	4.50 (114.3)	

**ORDERING INFORMATION**

**WINDJET AIR AMPLIFIERS**

Part No.	—	Material	Example
			57080 - 075 — 316SS

**WINDJET AIR AMPLIFIER KIT**

Part No.	—	Connection Code	—	Material	Example
					57085 — 075 — 316SS

WindJet Air Amplifier Kit includes air amplifier, filter, pressure regulator and pressure gauge. BSPT connections require the addition of a "B". Example: B57085.



Air Amplifier Kit

Material Code	Connection Code	
AL = Aluminum	1/8" NPT = 075	3/8" NPT = 200
316SS = 316 stainless steel	1/4" NPT = 125	1/2" NPT = 400