



Air-Cooled Aftercoolers **AKG**

- Aluminum bar/plate material
- Max. pressure: 250 psi
- Max. temperature: 350 °F
- Mounting legs included

Remove harmful water, oil, and contaminants from compressed air systems. Compatible with most rotary and piston air compressors. Hollow profile reduces local peak strains, which significantly increases cooler service life. Internal and external fins optimize cooling power.



4UJE5

Max. Compressor	Max. Flow CFM @ 100 psi*	NPT Inlet/Outlet Air	Fan HP	Voltage	Max. Amps	W	H	D	Item No.
20	113 cfm	1 in	1/2	115/230V AC	5.2/2.6 A	15.94 in	12.64 in	14.72 in	4UJE4
40	245 cfm	1 1/2 in	1/2	115/230V AC	7/3.5 A	19.88 in	16.3 in	15.59 in	4UJE5
75	539 cfm	2 in	1/2	115/230V AC	8/4 A	26.38 in	21.0 in	17.75 in	4UJE6
125	785 cfm	2 in	1	115/230V AC	12.8/6.4 A	30.31 in	23.19 in	18.74 in	4UJE7
200	1,569 cfm	2 1/2 in	2	230/460V AC	6.2/3.1 A	37.0 in	27.72 in	22.6 in	4UJE8
350	2,300	3 in	5	230/460V AC	13.2/6.6 A	40.94 in	35.9 in	24.76 in	4UJE9
500	3,016	4 in	7 1/2	230/460V AC	19.6/9.8 A	42.91 in	37.44 in	29.84 in	4UJF1
700	4,316	4 in	7 1/2	230/460V AC	19.6/9.8 A	48.82 in	44.25 in	30.28 in	4UJF2
1,000	4,800	4 in	10	230/460V AC	26/13 A	52.76 in	57.87 in	33.82 in	4UJF3

* Based on 15°F approach with 250°F inlet temp. and less than a 4 psi pressure drop.

Flexible Rubber Hose

- Max. working pressure: 232 psi
- Temp. range: -4° to 140°F

Black hose has polyamide coupling material, synthetic braided reinforcement, and can be used with push-to-connect reusable fittings, sold separately on this page.

Fitting Size	L	Outside Dia.	For Use With	Mfr. Model	Item No.
1 in x 1 in	16"	38mm	25mm Aluminum Tubing	1001E25 00 01	4JMG6
1 1/2 in x 1 1/2 in	3 ft. 3"	54mm	40mm Aluminum Tubing	1001E40 00 02	4JME5



Pipe Clip
4JMG4



Chamfer Tool
4JML5



Marking Tool
4JML7

Aluminum Tubing Accessories

Drilling Jig 48GF49 contains a drilling jig for 25mm and 40mm pipe. Used as a drilling guide for holes for the drop brackets.

Description	For Tubing O.D.	Thread Size	Material	Color	Item No.
Pipe Clip	16.5 mm	1/4 in	Polyamide	Black	4JMK8
	25 mm	1/4 in	Polyamide	Black	4JMJ6
	40 mm	1/4 in	Polyamide	Black	4JMG4
Threaded Rod Adapter	16.5 mm, 25 mm, 40 mm	3/8 in x 1/4 in	Brass	Brass	4JMK9
Drilling Jig	22 mm, 64 mm	—	Brass	Blue	48GF49
Drill Bit	25 mm	—	Steel	Silver	4JML3
	40 mm	—	Steel	Silver	4JML2
Pipe Cutter	16.5 mm, 25 mm, 40 mm	—	Steel	Blue	4JML4
Chamfer Tool	16.5 mm, 25 mm, 40 mm	—	Plastic	Red	4JML5
Deburring Tool	16.5 mm, 25 mm, 40 mm	—	Steel	Blue	4JML6
Marking Tool	16.5 mm, 25 mm, 40 mm	—	Plastic	Blue	4JML7
Tool Kit and Case, (2) Drill Bits, Chamfer Tool, Deburring Tool, Drilling Jig, Marking Tool, Pipe Cutter, Spanner Wrenches	—	—	—	—	48GF48



90° Elbow
4JMJ9



Threaded Adapter
4JMF3



In-Line Reducer
4JMG2



Drop Bracket
4JMF6



End Cap
4JMH6



Union Connector
4JMH4



Aluminum Tubing Fittings

Push-to-connect fittings are reusable and create instant connections; no need to thread, solder, or glue pipe.

Note: Additional sizes available on Grainger.com.

Description	For Tubing O.D. 1	For Tubing O.D. 2	Fitting Size (NPT)	Material	Item No.
Ball Valves					
Ball Valve	16.5 mm	—	1/2 in	Treated Brass/Polyamide	49K672
	25 mm	—	1/2 in	Treated Brass/Polyamide	49K673
	25 mm	—	1/2 in	Treated Brass/Polyamide	49K681
	40 mm	—	1/2 in	Treated Brass/Polyamide	49K682
Elbows					
45° Elbow	25 mm	—	—	Polyamide	4JMH5
	40 mm	—	—	Polyamide	4JMF1
	16.5 mm	—	1/4 in	Treated Brass/Polyamide	49K683
	16.5 mm	—	1/2 in	Treated Brass/Polyamide	49K684
	16.5 mm	—	—	Polyamide	4JMJ9
	25 mm	—	1/2 in	Treated Brass/Polyamide	49K685
	25 mm	—	3/4 in	Treated Brass/Polyamide	49K686
	25 mm	—	1 in	Treated Brass/Polyamide	49K687
90° Elbow	25 mm	—	—	Polyamide	4JMG8
	40 mm	—	2 in	Treated Brass/Polyamide	49K691
	40 mm	—	—	Polyamide	4JME7
	40 mm	—	1 in	Treated Brass/Polyamide	49K688
	40 mm	—	1 1/4 in	Treated Brass/Polyamide	49K689
	40 mm	—	1 1/2 in	Treated Brass/Polyamide	49K690
Tees					
Equal Tee	16.5 mm	16.5 mm	—	Polyamide	4JMK1
	25 mm	25 mm	—	Polyamide	4JMG9
	40 mm	40 mm	—	Polyamide	4JME8
Threaded Adapters					
Threaded Adapter	16.5 mm	—	1/4 in	Plated Brass	4JMK4
	16.5 mm	—	1/2 in	Plated Brass	4JMK5
	25 mm	—	1/2 in	Plated Brass	4JMH1
	25 mm	—	3/4 in	Plated Brass	4JMH2
	25 mm	—	1 in	Plated Brass	4JMH3
	40 mm	—	1 1/4 in	Brass	20CM57
	40 mm	—	1 in	Plated Brass	4JMF3
	40 mm	—	1 1/2 in	Plated Brass	4JMF4
	40 mm	—	2 in	Plated Brass	4JMF5
Reducers					
In-Line Reducer	25 mm	17 mm	—	Treated Aluminum	4JMJ3
	40 mm	25 mm	—	Treated Aluminum	4JMG2
	63 mm	40 mm	—	Treated Aluminum	4JMG3
Pipe Fixing Clip Spacer					
Pipe Fixing Clip Spacer	—	—	—	Polyamide	20CM62
Manifolds					
Manifold	25 mm	25 mm	1/2 in	Treated Brass/Polyamide	49K679
	40 mm	40 mm	1/2 in	Treated Brass/Polyamide	49K680
Brackets					
2-Port Wall Bracket	16.5 mm	—	1/2 in	Plated Brass	4JMK7
	25 mm	—	1/2 in	Plated Brass	4JMJ5
3-Port Wall Bracket	25 mm	—	1/2 in	Brass	20CM61
	25 mm	—	—	Polyamide	4JMH7
	25 mm	17 mm	—	Polyamide	4JMH8
	40 mm	17 mm	—	Polyamide	4JMF6
	40 mm	25 mm	—	Polyamide	4JMF7
	16.5 mm	—	—	Polyamide	4JMK3
	25 mm	—	—	Polyamide	4JMH6
	40 mm	—	—	Polyamide	4JMF2
Simple Reducing Bracket	25 mm	17 mm	—	Polyamide	4JMH9
	40 mm	25 mm	—	Polyamide	4JMF8
Threaded Drop Bracket	25 mm	—	1/2 in	Polyamide	4JMJ1
	40 mm	—	1/2 in	Polyamide	4JMF9
Threaded Simple Reducing Bracket	25 mm	—	1/2 in	Polyamide	4JMJ2
	40 mm	—	1/2 in	Polyamide	4JMG1
U-Channel Fixing Bracket	—	—	—	Steel	20CM63
Union Connector					
Union Connector	16.5 mm	—	—	Polyamide	4JMK2
	25 mm	—	—	Polyamide	4JMH4
	40 mm	—	—	Polyamide	4JME9
	16.5 mm	—	1/2 in	Treated Brass/Polyamide	49K667
	16.5 mm	—	1/2 in	Treated Brass/Polyamide	49K669
	19.05 mm	—	1/2 in	Treated Brass/Polyamide	49K671
	25 mm	—	1/2 in	Treated Brass/Polyamide	49K668
	25 mm	—	1/2 in	Treated Brass/Polyamide	49K670