

Angle Nutrunners



Angle Shutoff Air Nutrunners

Model	@ 90 psi / 620 kPa			@ 77 psi / 530 kPa			lb (kg)	in (mm)	in (mm)	in (mm)
	in	ft-lb (Nm)	rpm	ft-lb (Nm)	rpm					
QA4 Series Shut-off										
QA4AALS011NP25S06	3/8" □	3.7 – 8.5 (5 – 11)	1025	3.7 – 7.2 (5 – 9.7)	953	3.17 (1.44)	13.5" (342)	1.28" (33)	0.50" (13)	
QA4AALS015NP25S06	3/8" □	5.2 – 11.1 (7 – 15)	800	5.2 – 9.4 (7 – 12.7)	744	3.17 (1.44)	13.5" (342)	1.28" (33)	0.50" (13)	
QA4AALS020NP25S06	3/8" □	7.4 – 14.8 (10 – 20)	625	7.4 – 12.5 (10 – 17)	581	3.17 (1.44)	13.5" (342)	1.28" (33)	0.50" (13)	
QA4AALS020NP28S06	3/8" □	7.4 – 14.8 (10 – 20)	625	7.4 – 12.5 (10 – 17)	581	3.35 (1.52)	14.3" (363)	1.39" (35)	0.55" (14)	
QA4AALS030NP28S06	3/8" □	11.1 – 22.1 (15 – 30)	425	11.1 – 18.8 (15 – 25.5)	395	3.35 (1.52)	14.3" (363)	1.39" (35)	0.55" (14)	
QA4AALS040NP35S06	3/8" □	14.8 – 29.5 (20 – 40)	325	14.8 – 25.1 (20 – 34)	302	3.98 (1.81)	15.6" (395)	1.71" (44)	0.69" (18)	
QA4AALS040NP35S08	1/2" □	14.8 – 29.5 (20 – 40)	325	14.8 – 25.1 (20 – 34)	302	4.00 (1.81)	15.6" (395)	1.71" (44)	0.69" (18)	
QA4AALS055NP35S08	1/2" □	18.4 – 40.6 (25 – 55)	200	18.4 – 33.6 (25 – 45.5)	186	4.50 (2.04)	16.4" (418)	1.71" (44)	0.69" (18)	
QA6 Series Shut-off										
QA6AALS030NP35S06	3/8" □	11.1 – 22.1 (15 – 30)	580	11.1 – 19.9 (15 – 27)	550	5.05 (2.29)	16.9" (429)	1.71" (44)	0.69" (18)	
QA6AALS040NP35S06	3/8" □	14.8 – 29.5 (20 – 40)	430	14.8 – 25.8 (20 – 35)	405	5.05 (2.29)	16.9" (429)	1.71" (44)	0.69" (18)	
QA6AALS040NP35S08	1/2" □	14.8 – 29.5 (20 – 40)	430	14.8 – 25.8 (20 – 35)	405	5.07 (2.30)	16.9" (429)	1.71" (44)	0.69" (18)	
QA6AALS055NP35S08	1/2" □	18.4 – 40.6 (25 – 55)	320	18.4 – 36.1 (25 – 49)	300	5.07 (2.30)	16.9" (429)	1.71" (44)	0.69" (18)	
QA6AALS070NP43S08	1/2" □	25.8 – 51.6 (35 – 70)	225	25.8 – 45.7 (35 – 62)	215	5.07 (2.30)	16.6" (422)	1.76" (45)	0.85" (22)	
QA6AALS090NP43S08	1/2" □	33.2 – 66.4 (45 – 90)	185	33.2 – 59.0 (45 – 80)	175	5.07 (2.30)	16.6" (422)	1.76" (45)	0.85" (22)	
QA8 Series Shut-off										
QA8AALS040NP35S06	3/8" □	14.8 – 29.5 (20 – 40)	570	14.8 – 25.8 (20 – 35)	540	5.38 (2.44)	17.8" (453)	1.71" (44)	0.69" (18)	
QA8AALS040NP35S08	1/2" □	14.8 – 29.5 (20 – 40)	570	14.8 – 25.8 (20 – 35)	540	5.40 (2.45)	17.8" (453)	1.71" (44)	0.69" (18)	
QA8AALS055NP35S08	1/2" □	18.4 – 40.6 (25 – 55)	425	18.4 – 36.1 (25 – 49)	400	5.40 (2.45)	17.8" (453)	1.71" (44)	0.69" (18)	
QA8AALS070NP43S08	1/2" □	25.8 – 51.6 (35 – 70)	320	25.8 – 45.7 (35 – 62)	305	5.40 (2.45)	17.5" (445)	1.76" (45)	0.85" (22)	
QA8AALS090NP43S08	1/2" □	33.2 – 66.4 (45 – 90)	255	33.2 – 59.0 (45 – 80)	240	5.40 (2.45)	17.5" (445)	1.76" (45)	0.85" (22)	
QA8AALS115NP48S08	1/2" □	51.6 – 84.8 (70 – 115)	200	51.6 – 75.2 (70 – 102)	190	6.15 (2.79)	17.8" (452)	1.97" (50)	0.97" (25)	
QA8AALS150NP48S08	1/2" □	55.3 – 110.6 (75 – 150)	145	55.3 – 98.1 (75 – 133)	140	6.88 (3.12)	19.2" (489)	1.97" (50)	0.97" (25)	
QA8AALS200NF56S12	3/4" □	73.8 – 147.5 (100 – 200)	110	73.8 – 131.3 (100 – 178)	105	8.86 (4.02)	20.0" (508)	2.09" (53)	1.19" (30)	
QA8AALS225NF56S12	3/4" □	92.2 – 166.0 (125 – 225)	90	92.2 – 163.7 (125 – 222)	85	8.86 (4.02)	20.0" (508)	2.09" (53)	1.19" (30)	

Angle Stall Air Nutrunners

Model	@ 90 psi / 620 kPa				@ 77 psi / 530 kPa				
	in	ft-lb (Nm)*	ft-lb (Nm)	rpm	ft-lb (Nm)	lb (kg)	in (mm)	in (mm)	in (mm)
QA4 Series Stall									
QA4AALD011NP25S06	3/8" □	8 (11)	9.6 (13)	1025	7 (10)	2.47 (1.12)	11.1" (283)	1.28" (33)	0.50" (13)
QA4AALD015NP25S06	3/8" □	11 (15)	11.8 (16)	800	9 (13)	2.47 (1.12)	11.1" (283)	1.28" (33)	0.50" (13)
QA4AALD020NP25S06	3/8" □	15 (20)	15.5 (21)	625	13 (17)	2.47 (1.12)	11.1" (283)	1.28" (33)	0.50" (13)
QA4AALD030NP28S06	3/8" □	22 (30)	22.9 (31)	425	19 (26)	2.63 (1.20)	11.1" (283)	1.39" (35)	0.55" (14)
QA4AALD040NP35S06	3/8" □	30 (40)	30.2 (41)	325	25 (34)	3.25 (1.48)	13.2" (336)	1.71" (44)	0.69" (18)
QA4AALD055NP35S08	1/2" □	40 (55)	42.8 (58)	200	34 (46)	3.88 (1.76)	14.1" (359)	1.71" (44)	0.69" (18)
QA6 Series Stall									
QA6AALD030NP35S06	3/8" □	22 (30)	28.8 (39)	580	20 (27)	4.65 (2.11)	16.9" (429)	1.71" (44)	0.69" (18)
QA6AALD040NP35S06	3/8" □	30 (40)	36.1 (49)	430	26 (35)	4.65 (2.11)	16.9" (429)	1.71" (44)	0.69" (18)
QA6AALD040NP35S08	1/2" □	30 (40)	36.1 (49)	430	26 (35)	4.67 (2.12)	16.9" (429)	1.71" (44)	0.69" (18)
QA6AALD055NP35S08	1/2" □	41 (55)	47.9 (65)	320	36 (49)	4.67 (2.12)	16.9" (429)	1.71" (44)	0.69" (18)
QA6AALD070NP43S08	1/2" □	52 (70)	64.9 (88)	225	46 (62)	4.67 (2.12)	16.6" (422)	1.76" (45)	0.85" (22)
QA6AALD090NP43S08	1/2" □	66 (90)	76.0 (103)	185	59 (80)	4.67 (2.12)	16.6" (422)	1.76" (45)	0.85" (22)
QA8 Series Stall									
QA8AALD040NP35S06	3/8" □	30 (40)	38.3 (52)	570	26 (35)	4.98 (2.26)	17.8" (453)	1.71" (43.5)	0.69" (18)
QA8AALD040NP35S08	1/2" □	30 (40)	38.3 (52)	570	26 (35)	5.00 (2.27)	17.8" (453)	1.71" (43.5)	0.69" (18)
QA8AALD055NP35S08	1/2" □	41 (55)	50.1 (68)	425	36 (49)	5.00 (2.27)	17.8" (453)	1.71" (43.5)	0.69" (18)
QA8AALD070NP43S08	1/2" □	52 (70)	63.4 (86)	320	46 (62)	5.00 (2.27)	17.5" (445)	1.76" (44.7)	0.85" (22)
QA8AALD090NP43S08	1/2" □	66 (90)	79.6 (108)	255	59 (80)	5.00 (2.27)	17.5" (445)	1.76" (44.7)	0.85" (22)
QA8AALD115NP48S08	1/2" □	85 (115)	91.4 (124)	200	75 (102)	5.75 (2.61)	17.8" (452)	1.97" (50.0)	0.97" (25)
QA8AALD150NP48S08	1/2" □	111 (150)	121.7 (165)	145	98 (133)	6.48 (2.94)	19.2" (489)	1.97" (50.0)	0.97" (25)
QA8AALD200NF56S12	3/4" □	148 (200)	157.1 (213)	110	131 (178)	8.47 (3.84)	20.0" (508)	2.09" (53.2)	1.19" (30)
QA8AALD225NF56S12	3/4" □	166 (225)	202.1 (274)	90	164 (222)	8.47 (3.84)	20.0" (508)	2.09" (53.2)	1.19" (30)

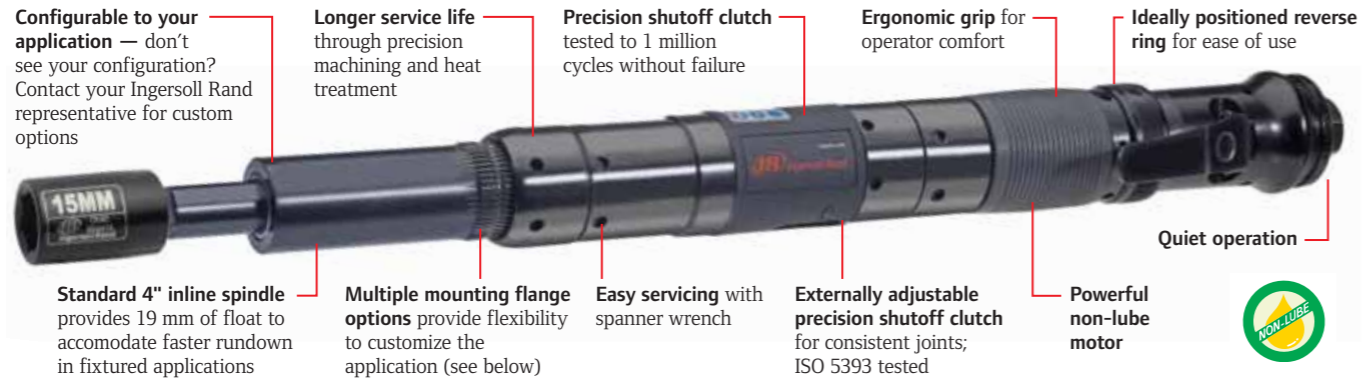
* Note: Highest recommended torque setting for assembly line applications. Exceeding the highest recommended torque setting may result in reduced tool life.



Model	dBa	in	in (mm)	cfm
QA4	79.3	1/4" NPT	3/8" (10)	27
QA6	82.5	3/8" NPT	1/2" (13)	36
QA8	87	3/8" NPT	1/2" (13)	41

As with any Ingersoll Rand tool, count on QA4, QA6, and QA8 Series angle nutrunners to deliver what you need to get the job done reliably and with less effort.

Inline Nutrunners

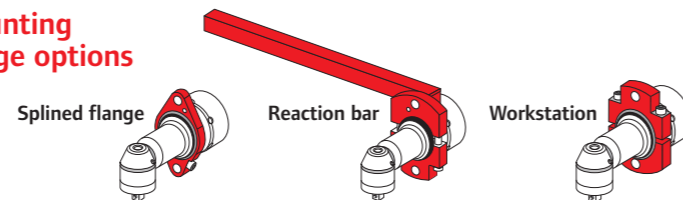


Inline Shutoff Air Nutrunners

Model	in	@ 90 psi / 620 kPa		@ 77 psi / 530 kPa		lb (kg)	in (mm)	in (mm)
		ft-lb (Nm)	rpm	ft-lb (Nm)	rpm			
QA4 Series Shut-off								
QA4ASLS012NP41S06	3/8" □	4.4 – 8.8 (6 – 12)	1050	4.4 – 7.4 (6 – 10)	977	3.22 (1.46)	18.3" (464)	0.81" (21)
QA4ASLS015NP41S06	3/8" □	5.2 – 11.1 (7 – 15)	850	5.2 – 9.4 (7 – 12.7)	791	3.22 (1.46)	18.3" (464)	0.81" (21)
QA4ASLS020NP41S06	3/8" □	7.4 – 14.8 (10 – 20)	600	7.4 – 12.5 (10 – 17)	558	3.22 (1.46)	18.3" (464)	0.81" (21)
QA4ASLS027NP41S06	3/8" □	10.3 – 19.9 (14 – 27)	450	10.3 – 16.7 (14 – 22.7)	419	3.22 (1.46)	18.3" (464)	0.81" (21)
QA4ASLS046NP41S06	3/8" □	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	3.73 (1.69)	18.8" (478)	0.91" (23)
QA4ASLS046NP41S08	1/2" □	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	3.77 (1.71)	18.8" (478)	0.91" (23)
QA6 Series Shut-off								
QA6ASLS025NP41S06	3/8" □	8.9 – 18.4 (12 – 25)	720	8.9 – 16.2 (12 – 22)	685	5.07 (2.30)	18.8" (478)	0.80" (20)
QA6ASLS030NP41S06	3/8" □	11.1 – 22.1 (15 – 30)	605	11.1 – 19.2 (15 – 26)	575	5.07 (2.30)	18.8" (478)	0.80" (20)
QA6ASLS040NP41S06	3/8" □	14.8 – 29.5 (20 – 40)	450	14.8 – 25.8 (20 – 35)	425	5.07 (2.30)	18.8" (478)	0.80" (20)
QA6ASLS055NP41S08	1/2" □	18.4 – 40.6 (25 – 55)	325	18.4 – 36.1 (25 – 49)	310	5.09 (2.31)	18.8" (478)	0.80" (20)
QA8 Series Shut-off								
QA8ASLS040NP41S06	3/8" □	14.8 – 29.5 (20 – 40)	600	14.8 – 25.8 (20 – 35)	570	5.27 (2.39)	19.7" (502)	0.80" (20)
QA8ASLS040NP41S08	1/2" □	14.8 – 29.5 (20 – 40)	600	14.8 – 25.8 (20 – 35)	570	5.29 (2.40)	19.7" (502)	0.80" (20)
QA8ASLS055NP41S08	1/2" □	18.4 – 40.6 (25 – 55)	470	18.4 – 36.1 (25 – 49)	445	5.29 (2.40)	19.7" (502)	0.80" (20)
QA8ASLS070NP41S08	1/2" □	25.8 – 51.6 (35 – 70)	355	25.8 – 45.7 (35 – 62)	335	5.60 (2.54)	19.9" (506)	0.94" (24)
QA8ASLS090NP41S08	1/2" □	33.2 – 66.4 (45 – 90)	255	33.2 – 59.0 (45 – 80)	245	6.33 (2.87)	21.3" (542)	0.94" (24)
QA8ASLS115NF41S08	1/2" □	51.6 – 84.8 (70 – 115)	215	51.6 – 75.2 (70 – 102)	205	7.50 (3.40)	21.3" (541)	2.00" (51)
QA8ASLS150NF41S08	1/2" □	55.3 – 110.6 (75 – 150)	165	55.3 – 98.1 (75 – 133)	160	7.50 (3.40)	21.3" (541)	2.00" (51)
QA8ASLS180NF41S08	1/2" □	66.4 – 132.8 (90 – 180)	140	66.4 – 118.0 (90 – 160)	135	7.50 (3.40)	21.3" (541)	2.00" (51)

Model	dBa	in	in (mm)	cfm
QA4	79.3	1/4" NPT	3/8" (10)	27
QA6	82.5	3/8" NPT	1/2" (13)	36
QA8	87	3/8" NPT	1/2" (13)	41

Mounting flange options



Putting it all together

Ingersoll Rand precision air nutrunners, fastening accessories, and services set the standard for excellence — assuring you the accuracy, flexibility, and durability you need to maximize your productivity.



Productivity

Ingersoll Rand delivers a complete solution to get the job done right.

- ▶ **Assembly line audits** — to optimize your fastening processes
- ▶ **Highest-quality tools and accessories** — to improve your product quality, line ergonomics and process flow
- ▶ **Torque arms and tubes, overhead rail, and hangers** — to enhance the layout, ergonomics, and ultimately the speed of your line
- ▶ **Calibration and service contracts** — to ensure your line is running to its full potential day in and day out

Accuracy

Ingersoll Rand delivers the accuracy you need to ensure the quality of your product.

- ▶ **Quick, precise clutch shutoff** limits scatter and torque reaction to the operator
- ▶ **Adjustable shutoff clutch** provides repeatability that improves joint quality
- ▶ **ISO 5393 tested**
- ▶ **Cycle counting capability** enables integration into process flow systems

Flexibility

With Ingersoll Rand you get the flexibility to choose the system that fits your application.

- ▶ **Three powerful motor options** to match the speed to need
- ▶ **Choice of inline or angle configurations**
- ▶ **Adjustable shutoff clutch or stall**
- ▶ **Multiple spindle lengths, floats, and drive sizes**
- ▶ **360-degree anglehead indexing**
- ▶ **Single or multi-spindle fixtured systems** to increase productivity and improve joint quality

Durability

Ingersoll Rand stands behind every tool and accessory, and offers the service levels you should expect from a leader in the industry.

- ▶ **2-year warranty** on anglehead and clutch
- ▶ **Clutch tested to over 1 million cycles** without failure
- ▶ **Proven components** from our world-class QE Series DC tools
- ▶ **Long life** reduces your life-cycle costs

Remote Start



Remote Start Stall Air Nutrunners

Model	@ 90 psi / 620 kPa				@ 77 psi / 530 kPa		in (mm)	in (mm)
	in	ft-lb (Nm)*	ft-lb (Nm)	rpm	ft-lb (Nm)	lb (kg)		
QA4 Series Remote Start —								
QA4ASRD012NF41S06	3/8" □	8.8 (12)	9.6 (13)	1050	7.4 (10)	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRD015NF41S06	3/8" □	11.1 (15)	11.8 (16)	850	9.4 (12.7)	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRD020NF41S06	3/8" □	14.8 (20)	15.5 (21)	600	12.5 (17)	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRD027NF41S06	3/8" □	19.9 (27)	20.6 (28)	450	16.7 (22.7)	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRD046NF41S06	3/8" □	33.9 (46)	34.7 (47)	250	28 (38)	4.06 (1.84)	18.3" (465)	0.91" (23)
QA4ASRD046NF41S08	1/2" □	33.9 (46)	34.7 (47)	250	28 (38)	4.06 (1.84)	18.3" (465)	0.91" (23)
QA6 Series Remote Start —								
QA6ASRD025NF41S06	3/8" □	18.4 (25)	19.9 (27)	700	16.2 (22)	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRD030NF41S06	3/8" □	22.1 (30)	23.6 (32)	585	19.2 (26)	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRD040NF41S06	3/8" □	29.5 (40)	31.7 (43)	435	25.8 (35)	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRD055NF41S08	1/2" □	40.6 (55)	44.2 (60)	315	36.1 (49)	5.78 (2.62)	17.9" (454)	1.34" (34)
QA8 Series Remote Start —								
QA8ASRD040NF41S06	3/8" □	29.5 (40)	34.7 (47)	540	25.8 (35)	6.03 (2.73)	18.8" (478)	1.34" (34)
QA8ASRD040NF41S08	1/2" □	29.5 (40)	34.7 (47)	540	25.8 (35)	6.05 (2.74)	18.8" (478)	1.34" (34)
QA8ASRD055NF41S08	1/2" □	40.6 (55)	44.2 (60)	425	36.1 (49)	6.05 (2.74)	18.8" (478)	1.34" (34)
QA8ASRD070NF41S08	1/2" □	51.6 (70)	59.0 (80)	320	45.7 (62)	6.80 (3.09)	19.0" (482)	1.69" (43)
QA8ASRD090NF41S08	1/2" □	66.4 (90)	78.2 (106)	230	59.0 (80)	7.53 (3.42)	20.4" (518)	1.69" (43)
QA8ASRD115NF41S08	1/2" □	84.8 (115)	93.7 (127)	195	75.2 (102)	8.02 (3.64)	20.4" (517)	2.00" (51)
QA8ASRD150NF41S08	1/2" □	110.6 (150)	120.2 (163)	150	98.1 (133)	8.02 (3.64)	20.4" (517)	2.00" (51)
QA8ASRD180NF41S08	1/2" □	132.9 (180)	143.1 (194)	125	118.0 (160)	8.02 (3.64)	20.4" (517)	2.00" (51)

* Note: Highest recommended torque setting for assembly line applications. Exceeding the highest recommended torque setting may result in reduced tool life.

Remote Start Shut-off Air Nutrunners

Model	@ 90 psi / 620 kPa			@ 77 psi / 530 kPa		lb (kg)	in (mm)	in (mm)
	in	ft-lb (Nm)	rpm	ft-lb (Nm)	rpm			
QA4 Series Remote Start —								
QA4ASRS012NF41S06	3/8" □	4.4 – 8.8 (6 – 12)	1050	4.4 – 7.4 (6 – 10)	977	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRS015NF41S06	3/8" □	5.2 – 11.1 (7 – 15)	850	5.2 – 9.4 (7 – 12.7)	791	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRS020NF41S06	3/8" □	7.4 – 14.8 (10 – 20)	600	7.4 – 12.5 (10 – 17)	558	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRS027NF41S06	3/8" □	10.3 – 19.9 (14 – 27)	450	10.3 – 16.7 (14 – 22.7)	419	3.55 (1.61)	17.8" (451)	0.81" (21)
QA4ASRS046NF41S06	3/8" □	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	4.06 (1.84)	18.3" (465)	0.91" (23)
QA4ASRS046NF41S08	1/2" □	14.8 – 33.9 (20 – 46)	250	14.8 – 28.0 (20 – 38)	233	4.06 (1.84)	18.3" (465)	0.91" (23)
QA6 Series Remote Start —								
QA6ASRS025NF41S06	3/8" □	8.9 – 18.4 (12 – 25)	700	8.9 – 16.2 (12 – 22)	665	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRS030NF41S06	3/8" □	11.1 – 22.1 (15 – 30)	585	11.1 – 19.2 (15 – 26)	555	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRS040NF41S06	3/8" □	14.8 – 29.5 (20 – 40)	435	14.8 – 25.8 (20 – 35)	415	5.76 (2.61)	17.9" (454)	1.34" (34)
QA6ASRS055NF41S08	1/2" □	18.4 – 40.6 (25 – 55)	315	18.4 – 36.1 (25 – 49)	300	5.78 (2.62)	17.9" (454)	1.34" (34)
QA8 Series Remote Start —								
QA8ASRS040NF41S06	3/8" □	14.8 – 29.5 (20 – 40)	540	14.8 – 25.8 (20 – 35)	515	6.03 (2.73)	18.8" (478)	1.34" (34)
QA8ASRS040NF41S08	1/2" □	14.8 – 29.5 (20 – 40)	540	14.8 – 25.8 (20 – 35)	515	6.05 (2.74)	18.8" (478)	1.34" (34)
QA8ASRS055NF41S08	1/2" □	18.4 – 40.6 (25 – 55)	425	18.4 – 36.1 (25 – 49)	405	6.05 (2.74)	18.8" (478)	1.34" (34)
QA8ASRS070NF41S08	1/2" □	25.8 – 51.6 (35 – 70)	320	25.8 – 45.7 (35 – 62)	305	6.80 (3.09)	19.0" (482)	1.69" (43)
QA8ASRS090NF41S08	1/2" □	33.2 – 66.4 (45 – 90)	230	33.2 – 59.0 (45 – 80)	220	7.53 (3.42)	20.4" (518)	1.69" (43)
QA8ASRS115NF41S08	1/2" □	51.6 – 84.8 (70 – 115)	195	51.6 – 75.2 (70 – 102)	185	8.02 (3.64)	20.4" (517)	2.00" (51)
QA8ASRS150NF41S08	1/2" □	55.3 – 110.6 (75 – 150)	150	55.3 – 98.1 (75 – 133)	145	8.02 (3.64)	20.4" (517)	2.00" (51)
QA8ASRS180NF41S08	1/2" □	66.4 – 132.8 (90 – 180)	125	66.4 – 118.0 (90 – 160)	120	8.02 (3.64)	20.4" (517)	2.00" (51)

Model	dBa	in	in	in (mm)	cfm
QA4	79.3	3/8" NPT	1/4" NPT	3/8" x 2" (10 x 2)	27
QA6	82.5	1/2" NPT	3/8" NPT	1/2" x 3" (13 x 3)	36
QA8	87	1/2" NPT	3/8" NPT	1/2" x 3" (13 x 3)	41

Fixtured Systems

Ingersoll Rand offers a full line of solutions to maximize your productivity, including single and multi-spindle fixtured systems. Whether a simple, single spindle or a sophisticated set of custom engineered multi-spindle systems, our global network of Solutions Centers is capable of providing the services you need, including: application studies, line audits, design, project management, installation and service.

Horizontal 3-spindle rotating



Vertical 2-spindle



Horizontal 2-spindle

