

FILTERS, REGULATORS AND LUBRICATORS

Ingersoll-Rand and ARO Filters, Regulators and Lubricators give increased Motor performance, reduce repair costs and extend Motor life.

Filters



For Motors	Part No.	NPT Size	Flow Rate scfm	Bowl Cap. oz.	Height in.	Width in.	Depth in.
Series M002, M004, M007, Models MRV003, MOV005AA	F25221-400	¼"	54	2.87	7.00	2.60	2.60
Model MVA008B, Series 1801, 1841	F25231-400	⅜"	100	2.87	7.00	2.60	2.60
Models MRV015, MVA017A, MVA017B, Series 3800, 3840, 4800, 4840, 17RA, 17RB, 48RA, 48RB, Models 22N51, AAM	F25241-400	½"	122	2.87	7.00	2.60	2.60
Models MRV040, MRV050, MVA034A, MVA034B, Series 34RA, 34RB, 551, Models CCM, DD6M	F25451-110	¾"	345	32.00	11.70	4.75	4.75
Model MOV075AA, Series 92RA, 92RB, 92RM, 992RM, Models EEM, EE5M, HHM, EE3G, EE9G, EE53G, EE59G	F25461-110	1"	345	32.00	11.70	4.75	4.75
Models HH5M, KK6M	F42-0A-000	1¼"	860	13.00	14½"	8½"	8½"
Models KK5B546, KK5B550	F35-0B-C28	1½"	1280	12.50	19.07	7.80	7.75

Regulators



For Motors	Part No.	NPT Size	Flow Rate scfm	Adj. Pressure Range psi	Height in.	Width in.	Depth in.
Series M002, M004, M007, Models MRV003, MOV005AA	R27221-600	¼"	100	0 - 200	4.75	2.60	2.60
Series 1801, 1841	R27231-600	⅜"	130	0 - 200	4.75	2.60	2.60
Models MRV015, MVA017A, MVA017B, Series 3800, 3840, 4800, 4840, 17RA, 17RB, 48RA, 48RB, Models 22N51, AAM	R27241-600	½"	150	0 - 200	4.75	2.60	2.60
Models MRV040, MRV050 Series 551, Models CCM, DD6M	R27251-100	¾"	180	5 - 250	7.10	4.25	4.25
Models MVA034A, MVA034B, Series 34RA, 34RB	R38-06-F0G0-28	¾"	491	0 - 125	7.83	3.94	3.94
Model MOV075AA, Series 92RA, 92RB, 92RM, 992RM, Models EEM, EE5M, HHM, EE3G, EE9G, EE53G, EE59G	R38-08-F0G0-28	1"	491	0 - 125	7.83	3.94	3.94
Models HH5M, KK6M	R30-0A-G00	1¼"	800	0 - 125	10.30	4.30	4.30
Models KK5B546, KK5B550	R40-0B-G00	1½"	1200	0 - 125	11.90	5.30	5.30

Lubricators



For Motors	Part No.	NPT Size	Flow Rate scfm	Bowl Cap. oz.	Height in.	Width in.	Depth in.
Series M002, M004, M007, Models MRV003, MOV005AA	L26221-100	¼"	75	6.00	7.70	2.60	2.60
Series 1801, 1841	L26231-100	⅜"	100	6.00	7.70	2.60	2.60
Models MVA017A, MVA017B, Series 17RA, 17RB,	L26241-100	½"	110	6.00	7.70	2.60	2.60
Models MRV015, 22n51-W/RC, Series 3800, 3840	L28-04-LK00-28	½"	184	6.11	9.36	2.39	2.39
Models MRV040, MRV050, MVA034A, MVA034B, Series 34RA, 34RB, 551, Models CCM, DD6M	L28-06-LK00-28	¾"	200	6.11	9.36	2.90	2.90
Model MOV075AA, Series 92RA, 92RB, 92RM, 992RM, Models EEM, EE5M, HHM, EE3G, EE9G, EE53G, EE59G	L38-08-LL00-28	1"	440	19.00	10.67	3.94	3.94
Models HH5M, KK6M	L40-0A-000	1¼"	927	26.00	11.61	5.50	5.00
Models KK5B546, KK5B550	L40-0B-000	1½"	927	26.00	11.61	5.50	5.00

Components and Equipment



Combination FRL's (Filter/Regulator/Lubricator)

For Motors	Part No.	NPT Size	Flow Rate scfm	Adj. Pressure Range psi	Bowl Capacity oz.	Height in.	Width in.	Depth in.
Series M002, M004, M007, Models MRV003, MOV005AA	C28221-800	¼"	54	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Series 1801, 1841	C28231-800	⅜"	100	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Models MRV015, 22N51 Series 3800, 3840, 17RA, 17RB	C28241-800	½"	110	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Models MVA017A, MVA017B, Series 4800, 4840, 48RA, 48RB, 17RA, 17RB,	C28-04-FKGO-28	½"	135	0 - 125	Filter = 2.87 Lubricator = 6.11	11.44	6.10	4.35
Models MRV040, MRV050, Series 551, Models CCM, DD6M	C28453-810	¾"	180	0 - 125	Filter = 32.0 Lubricator = 32.0	15.25	11.75	11.75
Model MVA034A, MVA034B, 34RA, 34RB	Must use individual units or 1" model	¾"	—	—	—	—	—	—
Model MOV075AA, Series 92RA, 92RB, 92RM, 992RM, Models EEM, EE5M, HHM, EE3G, EE9G, EE53G, EE59G	C31-08-G00	1"	331	0 - 125	Filter = 2.0 Lubricator = 26.0	11.20	15.30	5.70

LIQUIDATOR FILTERS

You can depend on Ingersoll-Rand and ARO Liquidator Filters™ when you need clean, dry air and your regular filter can't handle high volumes of liquid contaminants. Note that a lubricator should be installed between the Air Motor and the Liquidator.

Features

Two stage filtration cartridges remove 99% of liquid contaminants. One micron filter element removes 99% of all dirt particles 1 micron or larger. Quick release bowls enable easy cartridge replacement. Automatic float drain with manual override. Clear polycarbonate bowl with metal guard provides for quick inspection.

Benefits

Reduces liquid contaminants.
Increases Air Motor life.
Cuts maintenance costs.

Liquidator Filters

Female NPT	IR Part Number	Flow Rate scfm	Female NPT	ARO Part Number	Flow Rate scfm
¼"	8842-W1-035	35	¼"	F25221-300	40
⅜"	8843-W1-035	35	⅜"	F25231-300	51
½"	8844-W1-090	90	½"	F25241-300	53
¾"	8846-W1-090	90	¾"	F25452-310	50
1"	8828-W2-000*	175	1"	F25462-310	150
1½"	8830-W1-000	400	1½"	F25472-310	150
2"	8834-W1-000	700	—	—	—

*Two separate canisters

Filters

LUBRICATION

Proper lubrication of Air Motors is a must to prevent excessive wear of moving parts; to prevent possible rust and corrosion of bare, unprotected surfaces. Ingersoll-Rand oils and greases have been tested thoroughly and are recommended without reservation. Refer to Operation Manuals and Parts Lists for lubrication instructions.

Oils

Part Number	Oil Number	Quantity	Recommended Use
10P 10G	10 10	1 pt 1 gal	Fractional horsepower Air Motors
50P 50G	50 50	1 pt 1 gal	One horsepower and larger Air Motors

Greases

Part Number	Grease Number	Quantity lb.	Recommended Use
28 1 LB 28 8 LB	28 28	1 8	Motor gearing and bearings



Filters

For Motors	Part No.	NPT Size	Flow Rate scfm	Bowl Cap. oz.	Height in.	Width in.	Depth in.
Series 0000, 000	F25111-200	1/8"	28	2.87	7.00	2.60	2.60
Series 0, 2200	F25221-400	1/4"	54	2.87	7.00	2.60	2.60
Series 44	F25231-400	3/8"	100	2.87	7.00	2.60	2.6



Regulators

For Motors	Part No.	NPT Size	Flow Rate scfm	Adj. Pressure Range psi	Height in.	Width in.	Depth in.
Series 0000	R27111-100	1/8"	13	0 - 200	4.75	2.60	2.60
Series 000 * Use 1/4" Regulator	R27221-600	1/4"	100	0 - 200	4.75	2.60	2.60
Series 0, 2200	R27221-600	1/4"	100	0 - 200	4.75	2.60	2.60
Series 44	R27231-600	3/8"	130	0 - 200	4.75	2.60	2.60



Lubricators

For Motors	Part No.	NPT Size	Flow Rate scfm	Bowl Cap. oz.	Height in.	Width in.	Depth in.
Series 0000, 000	L26111-100	1/8"	41	6.00	7.70	2.60	2.60
Series 0, 2200	L26221-100	1/4"	75	6.00	7.70	2.60	2.60
Series 44	L26231-100	3/8"	100	6.00	7.70	2.60	2.60



Combination FRL's (Filter/Regulator/Lubricator)

For Motors	Part No.	NPT Size	Flow Rate scfm	Adj. Pressure Range psi	Bowl Capacity oz.	Height in.	Width in.	Depth in.
Series 0000	P29112-100	1/8"	13	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Series 000 * Use 1/4" FRL	C28221-800	1/4"	54	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Series 0, 2200	C28221-800	1/4"	54	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00
Series 44	C28231-800	3/8"	100	0 - 125	Filter = 2.87 Lubricator = 6.00	8.25	9.43	4.00

