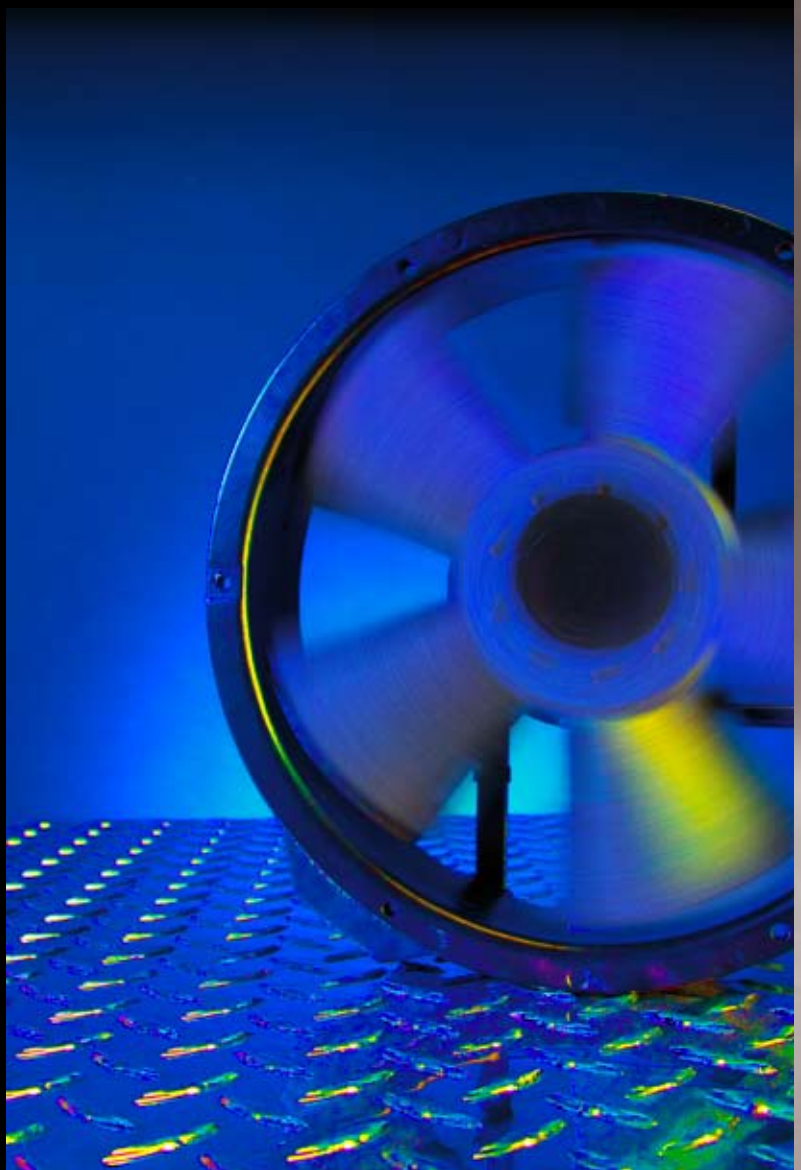
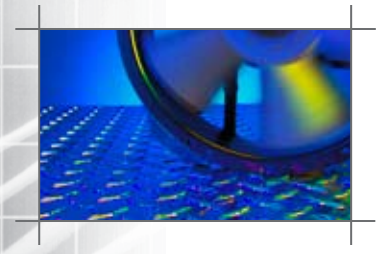
AC FANS



PTI PELONIS TECHNOLOGIES, INC

Innovation in Motion

We invest the time and effort to get to know your business and your goals.



OUR HISTORY

Pelonis Technologies is a leading innovator of air movement products, cooling fans & blowers, induction motors, and specialty heating components for commercial and industrial use.

OUR PHILOSOPHY

Pelonis Technologies is committed to offering value-added products with excellent quality and service in hopes of building strong partnerships with our customers. By working closely together, we can bring new ideas to life that will benefit the industries we serve.

OUR CUSTOMERS

Valued PTI customers come from a variety of sectors, including medical equipment, energy systems, aerospace & defense, heating and air conditioning, appliances, and other OEM industries.

OUR MISSION

We believe in a cleaner world. Our company's mission is to improve existing products and to develop green applications that benefit our customers and their constantly changing needs.

OUR FOCUS IS QUALITY

Our highly trained engineering and quality control teams, special test equipment, and stringent testing procedures include high temperature testing, and L-10 life testing procedures. The use of dual airflow machines, micrometer equipment and anechoic chambers all ensure continuous quality production that meet or exceed our customers' requirements.

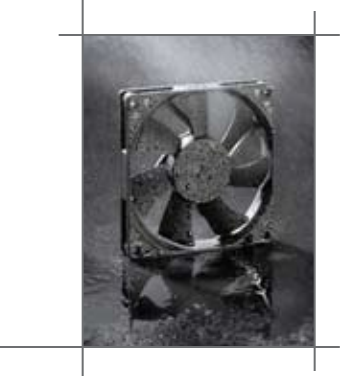
QUALITY CONTROL PROCEDURES

- High temperature testing methods utilizing ovens with temperatures ranging from -40ºC to +150ºC are used to determine product operating limits and life expectancy.
- Continuous endurance testing ensures that components meet required specifications.
- Burn-in test procedures using "Burn In" room at 70ºC ensure product quality under worst case operating conditions.

VALUE-ADDED FEATURES AND BENEFITS

Various products include additional features that provide value-added benefits to our customers that are not commonly found in competitive products:

- *unique multi-blade designs increase airflow*
- *high quality bearings ensure quiet operation and longer life*
- *impedance protection ensures safe operation at high temperatures*
- *thermal protection reduces fan overheating at high temperatures*
- *built-in locked rotor protection increases fan life*
- *tachometer output monitors fan speed and reduces fan failure*
- *rotation detection determines fan operation and reduces failure*
- *weather resistant protection with proprietary conformal coating technology meets industry dust proof and water proof IP requirements.*



ADDING VALUE

We respond quickly to large and small scale production requirements to help your business run efficiently. Our services include application development and technical support, custom product designs, shorter lead time deliveries from industry standards, and warehousing and logistics services for large and small scale orders.

QUALITY STANDARDS

- ISO 9001:2000,
  EN ISO 9001:2000
  BSEN ISO 9001:2000
- ANSI/ASQ Q9001: 2000
- UL/ANSI*RAB, QMS
  UKAS QUALITY
  MANAGEMENT 062
- UL 507; CSA C22.2
- RoHS compliance

254 x 89mm (10.0 x 3.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH2589B2-C *high air flow*	Ball	120	50/60	100~125	0.80/1.00	87/110	2600/2800	22.1/22.2	780/850	21/17	0.83/0.67	80/88
RAM2589B2-C *high air flow*	Ball	120	50/60	100~125	0.58/0.70	65/78	2200/2100	19.4/18.1	685/640	12.2/9.8	0.48/0.38	60/59
RAL2589B2-C *high air flow*	Ball	120	50/60	100~125	0.28/0.30	32/35	1400/1650	11.9/14.2	423/503	8.9/11.9	0.35/0.46	52/55
RAH2589B1-C *high air flow*	Ball	230	50/60	220~240	0.40/0.55	87/110	2600/2800	22.1/24.1	780/850	21/17	0.83/0.67	80/88
RAM2589B1-C *high air flow*	Ball	230	50/60	220~240	0.29/0.35	65/78	2200/2100	19.4/18.1	685/640	12.2/9.8	0.48/0.38	60/59
RAL2589B1-C *high air flow*	Ball	230	50/60	220~240	0.16/0.17	32/35	1400/1650	11.9/14.2	423/503	8.9/11.9	0.35/0.46	52/55

222 x 60mm (8.7 x 2.4in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH2260B2-C *high air flow*	Ball	120	50/60	100~125	0.42/0.46	50/56	2800/3200	12.2/13.7	430/485	24/18	0.94/0.71	59/62
RAH2260B1-C *high air flow*	Ball	230	50/60	220~240	0.25/0.26	50/60	2800/3200	12.2/13.7	430/485	24/18	0.94/0.71	59/62

172 x 150 x 51mm (6.8 x 5.9 x 2.0in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1751B2-C *high air flow*	Ball	120	50/60	100~125	0.35/0.40	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
RAH1751B1-C *high air flow*	Ball	230	50/60	220~240	0.20/0.22	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
*PM1751HA1BAL-7	Ball	120	60	100~125	0.64	50.0	2700	6.8	240	9.5	0.37	53
*PM1751MA1BAL-7	Ball	120	60	100~125	0.54	42.0	2500	6.3	222	8.1	0.32	51
*PM1751LA1BAL-7	Ball	120	60	100~125	0.50	38.0	2250	5.7	200	6.6	0.26	49
*PM1751HA2BAL-7	Ball	230	50	200~240	0.30	45.5	2550	6.4	226	8.2	0.32	51
*PM1751MA2BAL-7	Ball	230	50	200~240	0.24	38.0	2400	6.0	213	7.3	0.29	51
*PM1751LA2BAL-7	Ball	230	50	200~240	0.19	28.0	2100	5.3	186	5.6	0.22	48
*PM1751HA1BAL-5	Ball	120	60	100~125	0.52	45.5	3250	6.4	228	13.4	0.53	49
*PM1751MA1BAL-5	Ball	120	60	100~125	0.30	23.0	2850	5.6	200	10.3	0.41	46
*PM1751LA1BAL-5	Ball	120	60	100~125	0.27	21.0	2550	5.1	179	8.2	0.32	42
*PM1751HA2BAL-5	Ball	230	50	200~240	0.28	38.5	2770	5.6	197	12.5	0.49	45
*PM1751MA2BAL-5	Ball	230	50	200~240	0.14	20.0	2600	5.2	184	11.0	0.43	43
*PM1751LA2BAL-5	Ball	230	50	200~240	0.09	14.5	2275	4.6	161	8.4	0.33	40

Models have the following optional features upon request:* ***FG (Tachometer)* *or* ***RD (Rotation Detector)***

Sleeve bearing fans are also available. All fans can be specified with lead wires or terminal connectors.

172 x 51mm (6.8 x 2.0in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1725B2-C *high air flow*	Ball	120	50/60	100~125	0.35/0.40	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
RAH1725B1-C *high air flow*	Ball	230	50/60	220~240	0.20/0.22	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
RAH1725B2	Ball	120	50/60	100~125	0.60	47/41	2700/3100	4.6/5.3	162/187	12/14	0.47/0.55	51/55
RAM1725B2	Ball	120	50/60	100~125	0.50	28/27	2500/2700	4.3/4.6	152/162	9.8/11	0.39/0.43	49/51
RAL1725B2	Ball	120	50/60	100~125	0.40	20/20	2200/2500	3.8/4.3	133/152	3.7/4.7	0.15/0.19	45/49
RAH1725B1	Ball	230	50/60	220~240	0.40	47/41	2700/3100	4.6/5.3	162/187	12/14	0.47/0.55	51/55
RAM1725B1	Ball	230	50/60	220~240	0.30	28/27	2500/2700	4.3/4.6	152/162	9.8/11	0.39/0.43	49/51
RAL1725B1	Ball	230	50/60	220~240	0.20	20/20	2200/2500	3.8/4.3	133/152	3.7/4.7	0.15/0.19	45/49

172 x 150 x 38mm (6.8 x 5.9 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1738B2-C *high air flow*	Ball	120	50/60	100~125	0.25/0.26	30/31	2850/3400	4.7/5.6	166/198	16.7/19.5	0.66/0.77	57/61
RAH1738B1-C *high air flow*	Ball	230	50/60	220~240	0.16/0.17	36/35	2850/3400	4.7/5.6	166/198	16.7/19.5	0.66/0.77	57/61

162 x 150 x 55mm (6.4 x 5.9 x 2.2in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1555B2-C *high air flow*	Ball	120	50/60	100~125	0.35/0.40	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
RAH1555B1-C *high air flow*	Ball	230	50/60	220~240	0.20/0.22	46/50	2850/3300	7.1/8.3	250/293	16/20	0.63/0.79	56/61
RAH1555B2	Ball	120	50/60	100~125	0.60	47/41	2700/3100	4.4/5.1	155/181	11.6/13.3	0.46/0.52	52/56
RAM1555B2	Ball	120	50/60	100~125	0.50	28/27	2500/2700	4.2/4.3	149/153	8.6/11	0.34/0.43	50/52
RAL1555B2	Ball	120	50/60	100~125	0.40	20/20	2100/2500	3.5/4.2	123/149	3.6/4.9	0.14/0.19	45/50
RAH1555B1	Ball	230	50/60	220~240	0.40	47/41	2700/3100	4.4/5.1	155/181	11.6/13.3	0.46/0.52	52/56
RAM1555B1	Ball	230	50/60	220~240	0.30	28/27	2500/2700	4.2/4.3	149/153	8.6/11	0.34/0.43	50/52
RAL1555B1	Ball	230	50/60	220~240	0.20	20/20	2100/2500	3.5/4.2	123/149	3.6/4.9	0.14/0.19	45/50

162 x 150 x 38mm (6.4 x 5.9 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1538B2-C *high air flow*	Ball	120	50/60	100~125	0.25.0.26	30/31	2850/3400	4.7/5.6	166/198	16.7/19.5	0.66/0.77	57/61
RAH1538B1-C *high air flow*	Ball	230	50/60	220~240	0.16/0.17	36/35	2850/3400	4.7/5.6	166/198	16.7/19.5	0.66/0.77	57/61

Sleeve bearing fans are also available.

All fans can be specified with lead wires or terminal connectors.

127 x 127 x 38mm (5.0 x 5.0 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1278B2-C *high air flow*	Ball	120	50/60	100~125	0.21/0.21	25/25	2800/3300	3.7/4.3	132/151	10.3/13.0	0.40/0.51	45/49
RAM1278B2-C *high air flow*	Ball	120	50/60	100~125	0.16/0.16	20/20	2500/2900	3.3/3.9	117/137	7.1/8.6	0.28/0.34	42/46
RAH1278B1-C *high air flow*	Ball	230	50/60	220~240	0.12/0.12	25/25	2800/3300	3.7/4.3	132/151	10.3/13.0	0.40/0.51	45/49
RAM1278B1-C *high air flow*	Ball	230	50/60	220~240	0.09/0.09	20/20	2500/2900	3.3/3.9	117/137	7.1/8.6	0.28/0.34	42/46
RAD1278B2	Ball	120	50/60	100~125	0.34/0.30	23/20	2700/3000	3.3/3.7	117/130	6.8/6.5	0.27/0.26	44/46
RAH1278B2	Ball	120	50/60	100~125	0.34/0.30	23/20	2500/2800	3.1/3.4	108/121	6.8/6.5	0.27/0.26	44/46
RAM1278B2	Ball	120	50/60	100~125	0.29/0.26	20/19	2350/2550	2.9/3.1	104/110	5.6/4.6	0.22/0.18	41/43
RAL1278B2	Ball	120	50/60	100~125	0.28/0.25	19/17	2400/2350	3.0/2.9	107/105	6.0/4.2	0.24/0.17	41/41
RAD1278B1	Ball	230	50/60	220~240	0.17/0.14	24/21	2700/3000	3.3/3.7	117/130	6.8/6.5	0.27/0.26	44/46
RAH1278B1	Ball	230	50/60	220~240	0.17/0.14	24/21	2500/2800	3.1/3.4	108/121	6.8/6.5	0.27/0.26	44/46
RAM1278B1	Ball	230	50/60	220~240	0.12/0.10	20/19	2350/2550	2.9/3.1	104/110	5.6/4.6	0.22/0.18	41/43
RAL1278B1	Ball	230	50/60	220~240	0.08/0.07	12/11	2050/1450	2.5/1.8	90/65	3.4/1.7	0.13/0.10	39/30

127 x 127 x 38mm (5.0 x 5.0 x 1.5in) PLASTIC FRAME

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1278B2(P5B)	Ball	120	50/60	100~125	0.34/0.30	23/20	2500/2800	3.1/3.4	108/121	6.8/6.5	0.27/0.26	44/46
RAM1278B2(P5B)	Ball	120	50/60	100~125	0.29/0.26	20/19	2350/2550	2.9/3.1	104/110	5.6/4.6	0.22/0.18	41/43
RAL1278B2(P5B)	Ball	120	50/60	100~125	0.28/0.25	19/17	2400/2350	3.0/2.9	107/105	6.0/4.2	0.24/0.17	41/41
RAH1278B1(P5B)	Ball	230	50/60	220~240	0.17/0.14	24/21	2500/2800	3.1/3.4	108/121	6.8/6.5	0.27/0.26	44/46
RAM1278B1(P5B)	Ball	230	50/60	220~240	0.12/0.10	20/19	2350/2550	2.9/3.1	104/110	5.6/4.6	0.22/0.18	41/43
RAL1278B1(P5B)	Ball	230	50/60	220~240	0.08/0.07	12/11	2050/1450	2.5/1.8	90/65	3.4/1.7	0.13/0.10	39/30

120 x 120 x 38mm (4.7 x 4.7 x 1.5in) REVERSE

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1238B2-C *high air flow*	Ball	120	50/60	100~125	0.17/0.18	23/22	2850/3400	3.0/3.6	105/126	8.3/10.6	0.33/0.42	45/49
RAM1238B2-C *high air flow*	Ball	120	50/60	100~125	0.15/0.16	14/14	2550/2800	2.6/3.0	93/105	4.7/3.6	0.19/0.14	43/46
RAH1238B1-C *high air flow*	Ball	230	50/60	220~240	0.10/0.11	20/20	2850/3400	3.0/3.6	105/126	8.3/10.6	0.33/0.42	45/49
RAM1238B1-C *high air flow*	Ball	230	50/60	220~240	0.08/0.09	13/14	2550/2800	2.6/3.0	93/105	4.7/3.6	0.19/0.14	43/46
RAH1238B2	Ball	120	50/60	100~125	0.30	22/19	2750/3150	2.7/3.2	96.5/113	5.1/5.0	0.20/0.19	46/50
RAM1238B2	Ball	120	50/60	100~125	0.25	15/17	2450/2700	2.4/2.7	84/95	4.1/4.0	0.16/0.15	41/44
RAL1238B2	Ball	120	50/60	100~125	0.20	10/12	2100/2400	2.0/2.4	70/84	2.1/2.7	0.08/0.10	35/40
RAH1238B1	Ball	230	50/60	220~240	0.20	22/19	2750/3150	2.7/3.2	96.5/113	6.7/7.0	0.26/0.28	46/50
RAM1238B1	Ball	230	50/60	220~240	0.16	15/17	2450/2700	2.4/2.7	84/95	4.1/4.0	0.16/0.15	41/44
RAL1238B1	Ball	230	50/60	220~240	0.10	10/12	2100/2400	2.0/2.4	70/84	2.1/2.7	0.08/0.10	35/40

Sleeve bearing fans are also available.

All fans can be specified with lead wires or terminal connectors.

120 x 120 x 38mm (4.7 x 4.7 x 1.5in) METAL BLADE

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1238B2(5BM)	Ball	120	50/60	100~125	0.30	23/20	2600/3000	2.2/2.7	79/96	6.6/7.0	0.26/0.28	41/45
RAM1238B2(5BM)	Ball	120	50/60	100~125	0.25	15/14	2400/2700	2.1/2.3	74/82	4.9/5.1	0.19/0.20	39/43
RAL1238B2(5BM)	Ball	120	50/60	100~125	0.20	10/9	2100/2400	1.8/2.1	65/74	2.8/4.9	0.11/0.19	37/39
RAH1238B1(5BM)	Ball	230	50/60	220~240	0.20	23/20	2600/3000	2.2/2.7	79/96	6.6/7.0	0.26/0.28	41/45
RAM1238B1(5BM)	Ball	230	50/60	220~240	0.16	15/14	2400/2700	2.1/2.3	74/82	4.9/5.1	0.19/0.20	39/43
RAL1238B1(5BM)	Ball	230	50/60	220~240	0.10	10/9	2100/2400	1.8/2.1	65/74	2.8/4.9	0.11/0.19	37/39

120 x 120 x 38mm (4.7 x 4.7 x 1.5in) PLASTIC FRAME

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1238B2(P5B)	Ball	120	50/60	100~125	0.30	23/20	2600/3000	2.2/2.7	79/94	6.8/8.8	0.27/0.35	42/44
RAM1238B2(P5B)	Ball	120	50/60	100~125	0.25	15/14	2400/2700	2.1/2.4	75/83	5.2/6.5	0.20/0.26	40/43
RAL1238B2(P5B)	Ball	120	50/60	100~125	0.20	10/9	2000/2400	1.7/2.1	61/75	2.8/4.2	0.11/0.17	36/40
RAH1238B1(P5B)	Ball	230	50/60	220~240	0.20	23/20	2600/3000	2.2/2.7	79/94	6.8/8.8	0.27/0.35	42/44
RAM1238B1(P5B)	Ball	230	50/60	220~240	0.16	15/14	2400/2700	2.1/2.4	75/83	5.2/6.5	0.20/0.26	40/43
RAL1238B1(P5B)	Ball	230	50/60	220~240	0.10	10/9	2000/2400	1.7/2.1	61/75	2.8/4.2	0.11/0.17	36/40

120 x 120 x 38mm (4.7 x 4.7 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
*PM1238HA1BAL-7	Ball	120	60	100~125	0.21	16	2900	3.1	108	7.0	0.28	45
*PM1238MA1BAL-7	Ball	120	60	100~125	0.15	12	2600	2.7	97	5.6	0.22	42
*PM1238LA1BAL-7	Ball	120	60	100~125	0.13	10	2350	2.5	88	4.6	0.18	40
*PM1238HA2BAL-7	Ball	230	50	200~240	0.12	18	2600	2.8	98	5.6	0.22	43
*PM1238MA2BAL-7	Ball	230	50	200~240	0.07	12	2450	2.6	92	5.0	0.20	41
*PM1238LA2BAL-7	Ball	230	50	200~240	0.06	10	2250	2.4	85	4.2	0.17	38
*PM1238HA1BAL-5	Ball	120	60	100~125	0.20	15	3100	2.8	98	7.7	0.30	45
*PM1238MA1BAL-5	Ball	120	60	100~125	0.11	9	2700	2.4	85	5.8	0.23	41
*PM1238LA1BAL-5	Ball	120	60	100~125	0.09	8	2350	2.1	74	4.4	0.17	36
*PM1238HA2BAL-5	Ball	230	50	200~240	0.09	13	2650	2.4	85	6.9	0.27	40
*PM1238MA2BAL-5	Ball	230	50	200~240	0.05	9	2450	2.2	79	4.0	0.16	38
*PM1238LA2BAL-5	Ball	230	50	200~240	0.04	8	2250	2.0	72	2.8	0.11	36

Models have the following optional features upon request:* ***FG (Tachometer)* *or* ***RD (Rotation Detector)***

Sleeve bearing fans are also available. All fans can be specified with lead wires or terminal connectors.

120 x 120mm x 25mm (4.7 x 4.7 x 1.0 in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH1225B2-C *high air flow*	Ball	120	50/60	100~125	0.15/0.16	18/19	2800/3350	2.4/2.9	86/103	7.3/9.0	0.29/0.35	42/46
RAM1225B2-C *high air flow*	Ball	120	50/60	100~125	0.08/0.08	18/19	2450/2900	2.2/2.5	76/90	4.6/5.3	0.18/0.21	38/43
RAH1225B1-C *high air flow*	Ball	230	50/60	220~240	0.09/0.09	19/20	2800/3350	2.4/2.9	86/103	7.3/9.0	0.29/0.35	42/46
RAM1225B1-C *high air flow*	Ball	230	50/60	220~240	0.08/0.08	18/19	2450/2900	2.2/2.5	76/90	4.6/5.3	0.18/0.21	38/43
*PM1225HA1BAL-7	Ball	120	60	100~125	0.12	10	2850	1.9	67	4.3	0.17	38
*PM1225LA1BAL-7	Ball	120	60	100~125	0.06	5.8	2200	1.5	51	2.6	0.10	31
*PM1225HA2BAL-7	Ball	230	50	200~240	0.05	9.3	2400	1.6	56	3.2	0.13	33

92 x 92 x 38mm (3.6 x 3.6 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH9238B2-C *high air flow*	Ball	120	50/60	100~125	0.13/0.14	16/17	2800/3350	1.3/1.6	46/56	5.3/7.7	0.21/0.30	30/36
RAM9238B2-C *high air flow*	Ball	120	50/60	100~125	0.06/0.06	9/9	2350/2850	1.0/1.4	34/48	3.4/5.4	0.13/0.21	26/31
RAH9238B1-C *high air flow*	Ball	230	50/60	220~240	0.07/0.08	16/17	2800/3350	1.3/1.6	46/56	5.3/7.7	0.21/0.30	30/36
RAM9238B1-C *high air flow*	Ball	230	50/60	220~240	0.05/0.05	11/11	2350/2850	1.0/1.4	34/48	3.4/5.4	0.13/0.21	26/31
RAD9238B2	Ball	120	50/60	100~125	0.23/0.18	17/13	2600/3000	1.2/1.4	42/50	4.5/6.1	0.18/0.24	31/35
RAH9238B2	Ball	120	50/60	100~125	0.23/0.18	17/13	2350/2750	1.1/1.3	39/46	3.6/5.2	0.14/0.20	27/32
RAM9238B2	Ball	120	50/60	100~125	0.12/0.09	9/7	2250/2600	1.1/1.2	38/44	3.7/4.6	0.15/0.18	26/28
RAD9238B1	Ball	230	50/60	220~240	0.10/0.08	17/13	2600/3000	1.2/1.4	42/50	4.5/6.1	0.18/0.24	31/35
RAH9238B1	Ball	230	50/60	220~240	0.10/0.08	17/13	2350/2750	1.1/1.3	39/46	3.6/5.2	0.14/0.20	27/32
RAM9238B1	Ball	230	50/60	220~240	0.07/0.06	11/8	2250/2600	1.1/1.2	38/44	3.7/4.6	0.15/0.18	26/28

92 x 92 x 25mm (3.6 x 3.6 x 1.0in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH9225B2-C *high air flow*	Ball	120	50/60	100~125	0.15/0.16	17/18	2700/3200	1.2/1.4	42/50	4.3/6.0	0.17/0.24	30/34
RAM9225B2-C *high air flow*	Ball	120	50/60	100~125	0.13/0.13	15/15	2400/2950	1.1/1.4	39/48	3.3/4.8	0.13/0.19	27/32
RAH9225B1-C *high air flow*	Ball	230	50/60	220~240	0.08/0.09	17/18	2700/3200	1.2/1.4	42/50	4.3/6.0	0.17/0.24	30/34
RAM9225B1-C *high air flow*	Ball	230	50/60	220~240	0.07/0.07	15/15	2400/2950	1.1/1.4	39/48	3.3/4.8	0.13/0.19	27/32
*PM9225HA1BAL-7	Ball	120	60	100~125	0.08	6.8	2050	0.8	29	2.2	0.10	24
*PM9225HA2BAL-7	Ball	230	50	200~240	0.05	9.0	1650	0.7	24	1.5	0.10	20

Models have the following optional features upon request:* ***FG (Tachometer)* *or* ***RD (Rotation Detector)***

Sleeve bearing fans are also available.

All fans can be specified with lead wires or terminal connectors.

80 x 80 x 38mm (3.2 x 3.2 x 1.5in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH8038B2-C *high air flow*	Ball	120	50/60	100~125	0.11/0.12	13/14	2850/3450	0.8/0.9	26/32	4.1/6.0	0.16/0.24	26/31
RAM8038B2-C *high air flow*	Ball	120	50/60	100~125	0.06/0.06	7/7	2400/2950	0.6/0.8	22/27	3.0/4.6	0.12/0.18	24/28
RAH8038B1-C *high air flow*	Ball	230	50/60	220~240	0.06/0.06	14/15	2850/3450	0.8/0.9	26/32	4.1/6.0	0.16/0.24	26/31
RAM8038B1-C *high air flow*	Ball	230	50/60	220~240	0.05/0.05	11/11	2400/2950	0.6/0.8	22/27	3.0/4.6	0.12/0.18	24/28
PM8038HA1BAL-7	Ball	120	50/60	100~125	0.12	8.6	3050	0.8	26	4.1	0.16	30
PM8038MA1BAL-7	Ball	120	50/60	100~125	0.05	4.0	2550	0.6	22	2.7	0.11	24
PM8038LA1BAL-7	Ball	120	50/60	100~125	0.04	3.0	2000	0.5	17	1.6	0.06	19
PM8038HA2BAL-7	Ball	230	50/60	220~240	0.07	10.5	2550	0.6	22	2.8	0.11	24
PM8038MA2BAL-7	Ball	230	50/60	220~240	0.03	5.0	2450	0.6	21	2.5	0.10	23
PM8038LA2BAL-7	Ball	230	50/60	220~240	0.02	3.5	2150	0.5	18	1.9	0.07	20

80 x 80 x 25mm (3.2 x 3.2 x 1.0in)

Model Number	Bearings	Voltage	Freq	Range	Current	Power	Speed	Air Flow (Q)		Pressure (P)		Noise
		V	Hz	VAC	A	W	RPM	m^3/min	CFM	mmAq	inH_2O	dBA
RAH8025B2-C *high speed*	Ball	120	50/60	100~125	0.13/0.14	15/17	2800/3350	0.7/0.8	25/30	3.6/5.3	0.14/0.21	27/31
RAM8025B2-C *high speed*	Ball	120	50/60	100~125	0.10/0.10	12/12	2350/2850	0.6/0.7	21/25	2.6/3.8	0.10/0.15	23/27
RAH8025B1-C *high speed*	Ball	230	50/60	220~240	0.08/0.09	17/19	2800/3350	0.7/0.8	25/30	3.6/5.3	0.14/0.21	27/31
RAM8025B1-C *high speed*	Ball	230	50/60	220~240	0.07/0.07	15/15	2350/2850	0.6/0.7	21/25	2.6/3.8	0.10/0.15	23/27
PM8025HA1BAL-7	Ball	120	60	100~125	0.08	6.8	2500	0.5	19	2.8	0.11	27
PM8025LA1BAL-7	Ball	120	60	200~240	0.04	3.9	1600	0.4	12	1.2	0.05	20
PM8025HA2BAL-7	Ball	230	50	200~240	0.05	9.2	2100	0.4	16	2.0	0.08	22

Sleeve bearing fans are also available.

All fans can be specified with lead wires or terminal connectors.

STANDARD SPECIFICATIONS

OPERATION VOLTAGE: ±10% of rated voltage

STORAGE TEMPERATURE: -40°C to +80°C @65% relative humidity

INSULATION RESISTANCE: 100 Mohm Min @DC 500V

DIELECTRIC STRENGTH: AC 1500V for 3 sec (<0.5mA allowable between lead and frame).

NOISE: Measured at rated voltage at 1 meter distance in an anechoic chamber with a background noise of 16dBA max.

VIBRATION: JIS C0040 amplitude 1.5mm frequency 10-55Hz, 1 hr per axis: X, Z, Y.

SHOCK: JIS C0041 acceleration 100G, duration 6ms per axis: X, Z, Y.

LIFE: Life expectancy is 50,000 hours for ball bearings or 30,000 hours for sleeve bearings @25°C, 65% ±20% relative humidity continuous operation.

SAFETY: Designed to meet UL, cUL, TUV, and CE certification. RoHS compliant.

INSULATION: Class B

STATIC PRESSURE CONVERSION TABLE

Pa (=N/m^2)	mmH_2O = mmAq	inH_2O	Kgf/cm^2	bar
1	1.0197×10^{-1}	4.017×10^{-3}	1.0197×10^{-5}	1×10^{-5}
9.80665	1	3.939×10^{-2}	1×10^{-4}	9.80665×10^{-5}
1.3332×10^{2}	1.3619 x 10	1	1.3595×10^{-3}	1.3332×10^{-3}
9.80665×10^{4}	10^{4}	3.937×10^{2}	1	9.80665×10^{-1}
1×10^{5}	1.0197×10^{4}	4.018×10^{2}	1.01972	1

AIR FLOW CONVERSION TABLE

m^3/min	CFM	L/s	L/min
1	3.531 x 10	1.666 x 10	1×10^{3}
2.831×10^{-2}	1	4.720×10^{-1}	2.831 x 10
6×10^{-2}	2.118	1	6 x 10
1×10^{-3}	3.531×10^{-2}	1.666×10^{2}	1

FAHRENHEIT/CELSIUS/KELVIN CONVERSION TABLE

Fahrenheit to Celsius	Celsius to Fahrenheit	Celsius to Kelvin
°C = (5/9) * (°F-32)	°F = (°C * (9/5)) + 32	K= °C + 273.15

FAN QUICK REFERENCE TABLE

mm	inches	Series	Description	CFM	inH2O	dBA	Page No.
254 x 89	10.0 x 3.5	RA2589-C	High Air Flow	423-850	0.35-0.83	52-88	3
222 x 60	8.7 x 2.4	RA2260-C	High Air Flow	430-485	0.71-0.94	59-62	3
172 x 51	6.8 x 2.0	RA1725-C	High Air Flow	250-293	0.63-0.79	56-61	4
172 x 51	6.8 x 2.0	RA1725	Standard	133-187	0.15-0.55	45-55	4
172 x 150 x 51	6.8 x 5.9 x 2.0	RA1751-C	High Air Flow	250-293	0.630.79	56-61	3
172 x 150 x 51	6.8 x 5.9 x 2.0	PM1751-7	Standard	186-240	0.22-0.37	48-53	3
172 x 150 x 51	6.8 x 5.9 x 2.0	PM1751-5	Low Air Flow	161-228	0.32-0.53	40-49	3
172 x 150 x 38	6.8 x 5.9 x 1.5	RA1738-C	High Air Flow	166-198	0.66-0.77	57-61	4
162 x 150 x 55	6.4 x 5.9 x 2.2	RA1555-C	High Air Flow	250-293	0.63-0.79	56-61	4
162 x 150 x 55	6.4 x 5.9 x 2.2	RA1555	Standard	123-181	0.14-0..52	45-56	4
162 x 150 x 38	6.4x 5.9 x 1.5	RA1538-C	High Air Flow	166-198	0.66-0.77	57-61	4
127 x 127 x 38	5.0 x 5.0 x 1.5	RA1278-C	High Air Flow	117-151	0.28-0.51	42-49	5
127 x 127 x 38	5.0 x 5.0 x 1.5	RA1278	Standard	65-130	0.10-0.27	30-46	5
127 x 127 x 38	5.0 x 5.0 x 1.5	RA1278(P5B)	Plastic Frame	65-121	0.10-0.27	30-46	5
120 x 120 x 38	4.7 x 4.7 x 1.5	RA1238-C	High Air Flow	104-130	0.26-0.49	39-47	5
120 x 120 x 38	4.7 x 4.7 x 1.5	RA1238-C	Reverse/High Air Flow	93-126	0.14/0.42	43-49	5
120 x 120 x 38	4.7 x 4.7 x 1.5	RA1238	Reverse/Standard	70-113	0.08/0.26	35-50	5
120 x 120 x 38	4.7 x 4.7 x 1.5	PM1238-7	Standard	85-108	0.17-0.28	38-45	6
120 x 120 x 38	4.7 x 4.7 x 1.5	PM1238-5	Low Air Flow	72-98	0.11-0.30	36-45	6
120 x 120 x 38	4.7 x 4.7 x 1.5	RA1238(5BM)	Metal Blade	65-96	0.11-0.28	37-45	6
120 x 120 x 38	4.7 x 4.7 x 1.5	RA1238(P5B)	Plastic Frame	61-94	0.11-0.35	36-44	6
120 x 120 x 25	4.7 x 4.7 x 1.0	RA1225-C	High Air Flow	76-103	0.18-0.35	38-46	7
120 x 120 x 25	4.7 x 4.7 x 1.0	PM1225-7	Standard	51-67	0.10-0.17	31-38	7
92 x 92 x 38	3.6 x 3.6 x 1.5	RA9238-C	High Air Flow	34-56	0.13-0.30	26-36	7
92 x 92 x 38	3.6 x 3.6 x 1.5	RA9238	Standard	38-50	0.15-0.24	26-35	7
92 x 92 x 25	3.6 x 3.6 x 1.0	RA9225-C	High Air Flow	39-50	0.13-0.24	27-34	7
92 x 92 x 25	3.6 x 3.6 x 1.0	PM9225-7	Standard	24-29	0.10-0.10	20-24	7
80 x 80 x 38	3.2 x 3.2 x 1.5	RA8038-C	High Air Flow	22-32	0.12-0.24	24-31	8
80 x 80 x 38	3.2 x 3.2 x 1.5	PM8038-7	Standard	17-26	0.06-0.16	19-30	8
80 x 80 x 25	3.2 x 3.2 x 1.0	RA8025-C	High Air Flow	21-30	0.10-0.21	23-31	8
80 x 80 x 25	3.2 x 3.2 x 1.0	PM8025-7	Standard	12-19	0.05-0.11	20-27	8

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