



JuggerNaut®

CENTURY® COMMERCIAL/RESIDENTIAL CONDENSER FAN/HEAT PUMP, THREE PHASE MOTORS

WHAT IF YOU COULD AVOID PREMATURE MOTOR FAILURE?

When operated by a variable frequency drive, the power to a motor is a series of positive and negative pulses instead of a smooth sine wave. These pulses to the motor can cause damage to the motor bearings, the most vulnerable part of the motor.

The cost to repair bearings can quickly degrade any energy savings yielded by your variable frequency drive. The potential for costly unplanned downtime can be reduced by purchasing JuggerNaut® motors.

We have dependable, solidly manufactured motors ready to ship without special modifications or changes needed. Save yourself from premature motor replacement with Century® condenser fan motors.

APPLICATIONS:

Commercial and residential condenser fans and heat pump applications that may be installed outdoors. These motors need to be mounted within the airflow of the fan for proper cooling.

FEATURES:

- Rated 70°C (158°F) Max Ambient temperature
- Enclosed shaft end bracket, vented frame
- Automatic reset thermal protector
- 60Hz rated (select models dual rated 50 Hz 190/380)
- Double sealed ball bearings
- 5/8" Dia. X 5" long shaft with flat and keyway
- UL®* recognized and CSA®* certified
- External shaft slinger
- Continuous duty, air over
- Threaded lead exit
- Patented VCD™ voltage change device
- Inverter duty wire for use with variable frequency drives



THERE'S A JUGGERNAUT® CONDENSER FAN MOTOR FOR EVERY APPLICATION

Century® Juggernaut® Motor Three Phase – Removable Base or Belly Band						Nidec®* VariTough®** Motor		Baldor®** Motor		Dayton®** Motor	
Model	Enclosure	HP	RPM	Voltages	Frame	Model	Encl.	Model	Encl.	Model	Encl.
H1055AV1	OPAO	1/2	1140	200-230/460	56HZ	—	—	CFM3136A [◇] / M3539-TP [◇]	ODP	—	—
H1056AV1	OPAO	3/4	1140	208-230/460	56HZ	—	—	CFM3146A [◇]	ODP	—	—
H1053AV1	OPAO	1	850	208-230/460	56HZ	—	—	—	—	—	—
5H1053AV1	OPAO	1	850	575	56HZ	—	—	—	—	—	—
H1057AV1*	OPAO	1	850	200-230/460	56Y*	1828V/ 1830V	OAO	—	—	24PR71 [◇]	OAO
H1050AV1	OPAO	1	1140	208-230/460	56HZ	1818V	OAO	CFM3156A [◇]	ODP	24PR72 [◇]	OAO
5H1050AV1	OPAO	1	1140	575	56HZ	—	—	—	—	—	—
H1054AV1	OPAO	1.5	850	208-230/460	56HZ	1832V	OAO	—	—	24PR73 ^{◇△}	OAO
5H1054AV1	OPAO	1.5	850	575	56HZ	—	—	—	—	—	—
H1051AV1	OPAO	1.5	1140	208-230/460	56HZ	1819V	OAO	CFM3166A [◇]	ODP	24PR74 [◇]	OAO
5H1051AV1	OPAO	1.5	1140	575	56HZ	—	—	—	—	—	—
H1052AV1	OPAO	2	1140	208-230/460	56HZ	8987V	OAO	—	—	24PR75 [◇]	OAO
5H1052AV1	OPAO	2	1140	575	56HZ	—	—	—	—	—	—
Century® Juggernaut® Motor Three Phase – Rigid Base						Nidec®* VariTough®** Motor		Baldor®** Motor		Dayton®** Motor	
H1050RBV1	OPAO	1	1140	208-230/460	56HZ	1820V	OAO	—	—	24PR78	OAO
H1053RBV1	OPAO	1	850	208-230/460	56HZ	1833V	OAO	—	—	24PR77	OAO
H1051RBV1	OPAO	1.5	1140	208-230/460	56HZ	1821V	OAO	—	—	24PR80	OAO
H1054RBV1	OPAO	1.5	850	208-230/460	56HZ	1831V	OAO	—	—	24PR79 [△]	OAO
H1052RBV1	OPAO	2	1140	208-230/460	56HZ	1822V	OAO	—	—	24PR81	OAO

*No Base

[◇]Belly Band

[△]60° Ambient Temp.



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APPLICATION CONSIDERATIONS

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