

GRINDER PUMPS

Model: **AGPR100**



PHYSICAL DATA:

DISCHARGE SIZE	1-1/4" NPT Vertical, Flanged for 2" NPT Adapter
IMPELLER TYPE	12 Vane Cast Iron, Vortex
CABLE LENGTH	20' Standard

LIQUID HANDLING:

SOLIDS COMPOSITION	Domestic Wastewater with Fibrous Solids
MAXIMUM LIQUID TEMP.	140°F – Intermittent 104°F – Continuous
ACCEPTABLE PH RANGE	6-8

TEMPERATURE:

WINDING INSULATION	180°C
INSULATION CLASS	H

TECHNICAL DATA:

POWER CORD TYPE	SJTOW/SOW
MOTOR HOUSING	Cast Iron
CASING	Cast Iron
IMPELLER	Cast Iron
MOTOR SHAFT	416 SST
HARDWARE	SS
"O" RINGS	Nitrile
MECHANICAL SEALS	Carbon-ceramic
UPPER BEARING	6203
LOWER BEARING	6205
CUTTERS	440 SST Hardened

ELECTRICAL DATA:

R.P.M.	3450
MOTOR TYPE	CSCR (1PH)
GEN INSULATION CLASS	H
STATOR WINDING CLASS	H
WINDING INSULATION TEMP	180°C
VOLTAGE TOLERANCE	±10%
HP	1
VOLTAGE	115/230
PHASE	1
SERVICE FACTOR	1.42



Hybrid Cutters
440 SST, Hardened
PATENTED
(U.S. Patent No.
10,316,846)



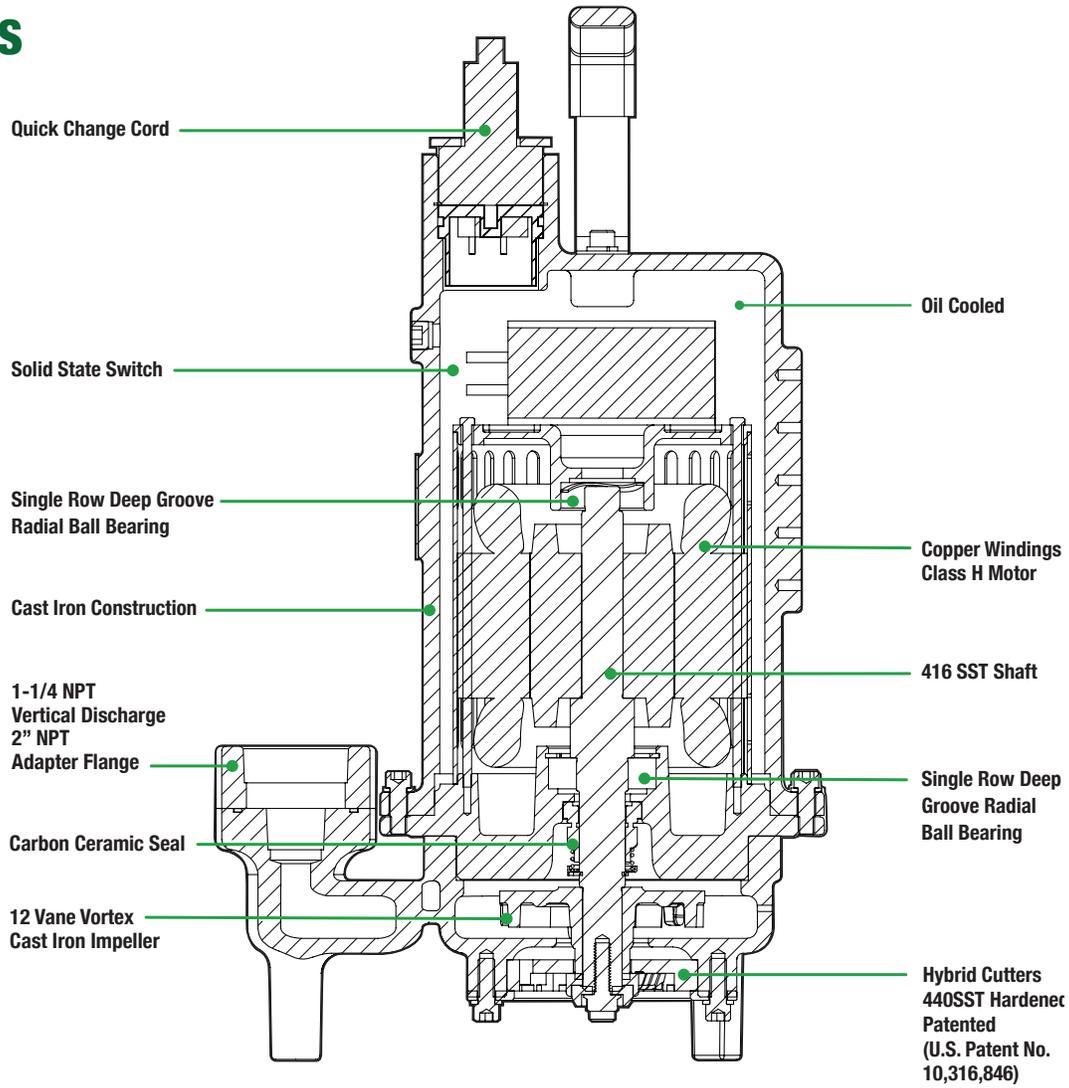
Leg Kit Included



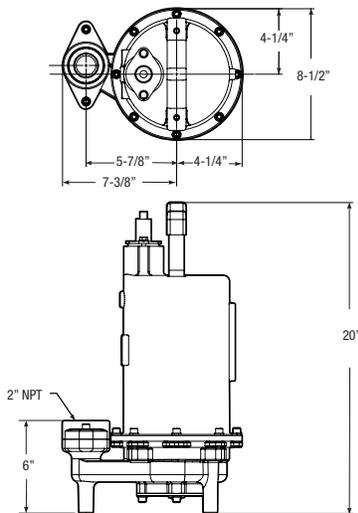
Optional:
• 20' Piggyback
Wide Angle Switch

MODEL	HP	HZ	VOLTS/PH	RPM	FULL LOAD AMPS	NEMA START CODE	CORD TYPE	CORD SIZE	CORD OD	SOLID STATE RELAY	START CAPACITOR	RUN CAPACITOR	SWITCH TYPE
AGPR100M1-20	1	60	115/1	3450	13	J	SJTOW	14 AWG/3C	.36-.37	SAMUSCO ECS112P	300 uf, 115 VAC	45 uf, 250 VAC	MANUAL
AGPR100WP1-20	1	60	115/1	3450	13	J	SJTOW	14 AWG/3C	.36-.37	SAMUSCO ECS112P	300 uf, 115 VAC	45 uf, 250 VAC	PIGGY-BACK
AGPR100M2-20	1	60	230/1	3450	6.5	K	SOW	16 AWG/3C	.38-.43	SAMUSCO ECS112P	300 uf, 115 VAC	45 uf, 250 VAC	MANUAL
AGPR100WP2-20	1	60	230/1	3450	6.5	K	SOW	16 AWG/3C	.38-.43	SAMUSCO ECS112P	300 uf, 115 VAC	45 uf, 250 VAC	PIGGY-BACK

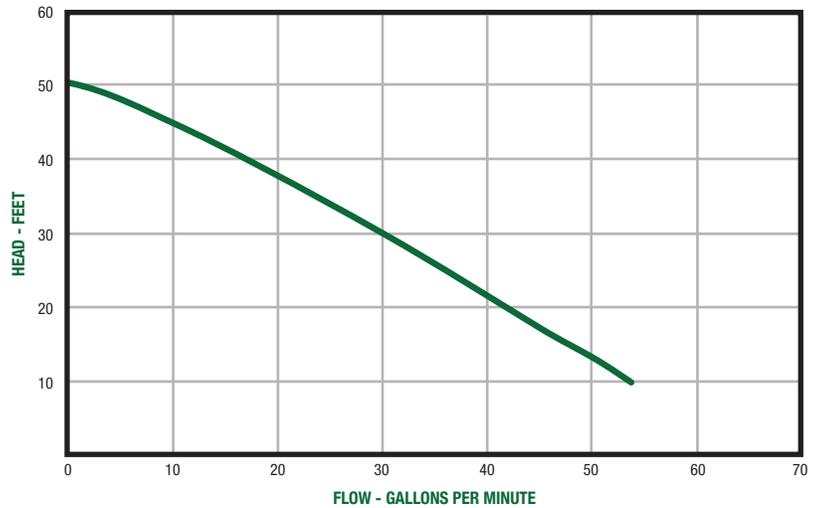
FEATURES



DIMENSIONS



PERFORMANCE CURVE



P U M P

Honest, Professional, Dependable

1191 Commerce Parkway, Ashland, Ohio 44805
Telephone: 855 281-6830 • Fax: 877 326-1994 • ashlandpump.com