

ARROW MANUFACTURED  
**REPLACEMENT  
PARTS**

**Caterpillar® Engines**

G379	G3304
G398	G3306
	G399

**Waukesha® Engines**

F2895	P9390
F3521	145G/F817
F5108	140G/F554
L5790	WAK/1197
	L7042

**Fairbanks Morse® Engines**

ZC-118	ZC-503
ZC-208	ZC-739
	ZC-346

**Ajax® Engines**

5 x 6½  
EA-22, 6½ x 8 CMA  
EA-30, 7¼ x 8 CMA  
E-30, 7½ x 10 CMA  
E-42, 8½ x 10 CMA  
DP-60, 9½ x 10 CMA  
DP-70/80/160, 11 x 14 CMA  
DP-115/230, 13¼ x 16

Piston & Rod Assemblies  
180  
360  
600  
800

**OEM**

**C-Series**

*C-46	*C-96
*C-66	*C-101
*C-106	*C-255

**VR-Series**

VR-155	VR-310
VR-220	*VR-330
VR-232	*VR-33OCF
*VR-260	VR-265
VR-283	*VR-380

**A-Series**

*A42	*A54	*A62
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**K6 Slow Speed Engine**

**Lufkin Engines**

L-333	L-1770
*L-795	L-2165

**Witte Engines**

98	E15	F32
B12	E20	F42

**Arrow Chemical Pumps**

- \* 10 Series (beam operated)
- \* 12 & 13 Series (pneumatic)
- \* 430 Series (electric)
- \* 500 & 510 Series (pneumatic)
- \* Solar Chempump

**Gas Compressors**

\*VRC-2    \*VRC-CNG

**Gas Products**

- \* Volume Tanks
- \* Vertical & Horizontal Separators
- \* Suction Scrubbers
- \* Meter Runs
- \* Coalescers
- \* Skids

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**A SERIES**

POWER UNITS    A 42    A 54    A 62



a TRIMAS company

AEO\_A

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## A42 & A62

- 12 Volt Starter
- 12 Volt Alternator
- Standard Oil Cooler
- Natural Gas Carburetor
- Electronic Governor
- CD-1 Ignition System
- Enclosure (Doors Optional)
- Single Plate PTO Clutch
- Dry Type, Two Stage Air Cleaner
- Water Pump Mounted Sucker Fan
- Analog Tachometer with Hour Meter
- Oil Pressure Gauge with Low Oil Pressure Shutdown
- Water Temperature Gauge with High Water Temperature Shutdown
- Standard Oil Filter Base - Spin On Full Flow Filter Included
- 5 Main Bearings (A42), 7 Main Bearings (A62)
- Lifting Eyes - Front & Rear
- Serrated, Angle Cut, Forged Steel Connecting Rods
- Heavy-duty, Deep Skirted Crankcases
- Exhaust Manifold With Top Outlet
- Individual Cylinder Heads
- Replaceable Precision Main & Rod Bearings
- Overhead Valve Cylinder Heads with Replaceable Guides & Seats
- Forged Steel, Dynamically Balanced & Counterweighted Crankshafts with Hardened Journals
- One (1) Year Limited Warranty

## A54

- 12 Volt Starter
- 12 Volt Alternator
- Heavy Flywheel
- Natural Gas Carburetor
- Mechanical Governor
- CD-1 Ignition System
- Enclosure (Doors Optional)
- Single Plate PTO Clutch
- Dry Type, Two Stage Air Cleaner
- Water Pump Mounted Sucker Fan
- Analog Tachometer with Hour Meter
- Oil Pressure Gauge with Low Oil Pressure Shutdown
- Water Temperature Gauge with High Water Temperature Shutdown
- Standard Oil Filter Base - Spin On Full Flow Filter Included
- 7 Main Bearings
- Lifting Eyes - Front & Rear
- Forged Steel Connecting Rods
- Heavy-duty, Deep Skirted Crankcases
- Exhaust Manifold With Top Outlet
- 10% Regulated Speed by Mechanical Governor
- Replaceable Precision Main & Rod Bearings
- Overhead Valve Cylinder Heads with Replaceable Guides & Seats
- Forged Steel, Dynamically Balanced & Counterweighted Crankshafts with Hardened Journals
- One (1) Year Limited Warranty



Please call for available options.

# ARROW POWER UNITS

Specifically designed to provide continuous power for...

Rotational Pumping Units Hydraulic Pumping Units, Hydraulic Skids for PC Pumps Any Form of Artificial Lift Where Power is Needed

## POWER RATINGS

I=Intermittent

C=Continuous

	MODEL Spark Ignited	PEAK INTERMITTENT TORQUE @ RPM		BRAKE HORSEPOWER AT SPEEDS INDICATED (S.A.E.)											
		FT.LB.	N*M	900	1000	1200	1400	1600	1800						
ENGINE	A42 - Natural Gas	148 @ 1600	201 @ 1600	19	17	24	22	31	28	39	35	45	41	45	
	A54 - Natural Gas	220 @ 1600	298 @ 1600	29	26	36	33	47	42	58	52	67	60	68	
	A54 - HD-5 Propane	285 @ 1400	386 @ 1400	43	39	50	45	64	58	76	69	85	76	83	
	A54CF - Natural Gas	233 @ 1600	317 @ 1600			38	35	50	45	61	55	71	64	80	72
	A54TA - Natural Gas	334 @ 1400	454 @ 1400			50	47	68	63	89	82	97	92	106	100
	A62 - Natural Gas	269 @ 1400	365 @ 1400	44	40	49	45	61	55	72	65	81	74	88	80

Actual Horsepower may vary depending upon engine configuration. II 24 Volt system available II Oversized radiator for higher ambient temperatures available

### ALTITUDE

NA engines - Deduct 3% for each 1000' (305m) above 1500' (457m) (Continuous duty), or above 500' (152m) (intermittent duty).

VRG330TA - Deduct 3% per 1000' (305m) above 3000' (914m) (Continuous duty), 3% for each 1000' (305m) above 1500' (457m) (intermittent duty).

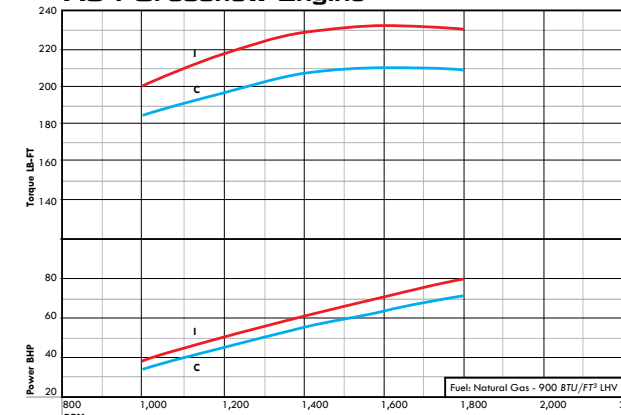
### TEMPERATURE

Deduct 1% for every 10°F (6°C) above 100°F (38°C) (Continuous duty), or above 85°F (29°C) (intermittent duty).

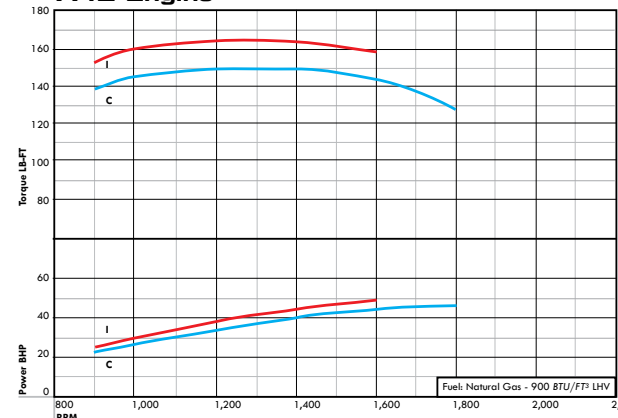
VRG330TA - Deduct 1% for every 10°F (5.5°C) above 100°F (38°C) (Continuous duty), 1% per 10°F (5.5°C) above 85°F (29°C) (intermittent duty).

All ratings corrected to 500' (152m) altitude, 29.38" (746 mm) Hg. and temperature of 85°F (29°C). II Natural gas ratings are based on use of 900 BTU (33.5 J/cm³) LHV gas. HD-5 propane ratings are based on use of 2335 BTU.

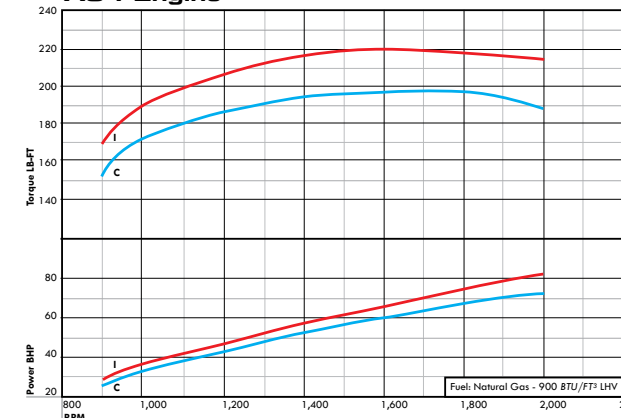
### A54 Crossflow Engine



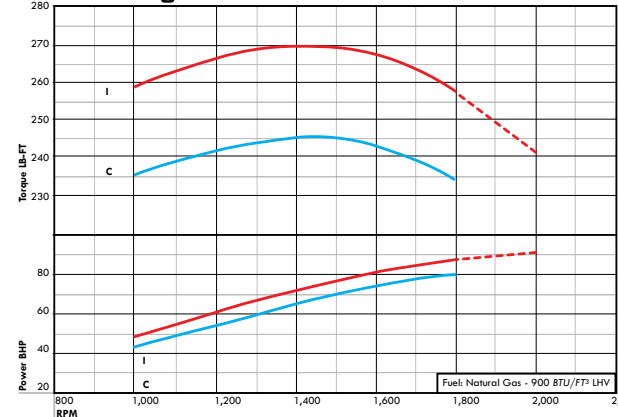
### A42 Engine



### A54 Engine



### A62 Engine



### A54 Turbocharged Engine

