

NATURAL GAS-POWERED IRRIGATION POWER UNITS

RETAIL GUIDE

SPECIFICATIONS/WARRANTY

Engine Type

Natural Gas/Propane

Engine Displacement

262 cu in (4.3L) – 490 cu in (8.0L)

Warranty (directly through SRC)

Engine:

1 year / 2,500 hours
(whichever occurs first)

Accessories & Parts:

6 months / 1,250 hours
(whichever occurs first)



NATURAL GAS-POWERED UNITS

Expand your customer base by offering irrigation power units (IPUs) that run on natural gas.

Natural gas-powered IPUs offer your customers an alternative fuel source that is “greener” and can be less expensive to operate than diesel. In this modern energy boom in North America, more natural gas supplies are coming online, further driving down the costs. For even more flexibility, these units can be converted to LP by simply installing an inexpensive conversion kit. This added feature gives a producer tremendous flexibility to switch between fuels depending on supply base and prices.

CNH Industrial Parts & Service offers a wide range of natural gas-powered IPUs ranging from 47 hp to 186 hp. This range will expand over time. The offering includes both EPA emission-certified and non-certified IPUs.

PART NUMBER	DISPLACEMENT
F101096	4.3L (262 cu. in.) non-certified
F101097	5.7L (350 cu. in.) non-certified
F101098	7.4L (454 cu. in.) non-certified
F101099	8.0L (490 cu. in.) non-certified

Non-certified IPUs will be labeled and include paperwork with the following statement. (It is the end-user’s responsibility to ensure all regulatory requirements are met.)

This engine is excluded from the requirements of 40 cfr part 1048 as a “stationary engine” and the owner/operator must comply with the requirements of 40 cfr part 60. Installing or using this engine in any other application may be a violation of federal law subject to civil penalty.

HORSEPOWER SPECIFICATIONS

GEAR RATIO	1:1	5:5	5:4	4:3	3:2
RPM	1760 rpm	2112 rpm	2200 rpm	2346 rpm	2640 rpm
4.3L (262)	47	58	63	55	74
5.7L (350)	73	88	93	98	114
SRC 6.2L (377)	96	111	120	127	136
7.4L (454)	117	141	148	157	177
SRC 8.0L (490)	134	159	167	175	186

IH 466 cu. in.

Call for information and availability.

ORDERING INFORMATION

This is a vendor direct program and all order and inquiries are handled through SRC Power Systems. To place an order, or for inquiries, contact: **Mike Samoorian at SRC Power Systems: Direct (417) 893-3219, Cell (417) 838-0736, E-mail msamoorian@SRCPowerSystems.com**

SALES TOOLS INFORMATION

Find the product listing, operator manual and installation manual at: **Dealer Portal > Product Information > Engines, Irrigation Power Units.** E-mail **Mike Samoorian at SRC Power Systems, msamoorian@SRCPowerSystems.com**, for product, parts and warranty information requests.

STANDARD FEATURES

FEATURES	F101096	F101097	F101098	F101099
PTO	•	•	•	•
Electronic Governor	•	•	•	•
Murphy Oil Shut Down	•	•	•	•
Low Coolant Shutdown	•	•	•	•
Battery Tray	•	•	•	•
Battery Cables	•	•	•	•
ASCO Valve	•	•	•	•
Heat-Trace Lines	•	•	•	•
Over Flow Bottle	•	•	•	•
Oil Drain Valve	•	•	•	•
Analog Panel (tachometer with hour meter, oil pressure, volt meter, coolant temperature & lever ignition switch)	•	•	•	•

OPTIONS

These irrigation power units will be available without any hoods or shrouds, with red shrouds/hoods, or with blue shrouds/hoods. Note that none of these units will be branded with any brand logos.

PART NUMBER	DESCRIPTION	NOTE
FR10906	Side Mount Gen. Kit	(7.4L & 8.0L only)
R101483	Front Shroud	
R101859	Rear Shroud	

UNIT SPECIFICATIONS/DIMENSIONS & WEIGHTS

MACHINE	F101096	F101097	F101098	F101099
Engine Model	4.3L IPU	5.7L IPU	Remanufactured 7.4L IPU	Remanufactured 8.0L IPU
Part Number	F101096	F101097	F101098	F101099
Engine Type	4.3L V6	5.7L V8	7.4L V8	8.0L V8
Engine Displacement	262 cu in (4.3 liters)	350 cu in (5.7 liters)	454 cu in (7.4 liters)	490 cu in (8.0 liters)
Bore and Stroke	4.0 x 3.5 in (101.6 x 88.9 mm)	4.0 x 3.5 in (101.6 x 88.9 mm)	4.25 x 4.0 in (107.9 x 101.6 mm)	4.28 x 4.25 in (108.7 x 107.9 mm)
Compression Ratio	9.4:1	9.4:1	8.54:1	9.02:1
Fuel Consumption (1,800 rpm, 100% load)	475 cu ft/hr	654 cu ft/hr	823 cu ft/hr	908 cu ft/hr
High Idle Speed	2,400 rpm	2,400 rpm	2,400 rpm	2,400 rpm
Low Idle Speed	1,000 rpm	1,000 rpm	1,000 rpm	1,000 rpm
Rated Power (1,800 rpm)	67 hp (50 kW)	80 hp (60 kW)	127 hp (95 kW)	147 hp (110 kW)
Rated Torque (1,800 rpm)	195 lb-ft (264 Nm)	233 lb-ft (316 Nm)	370 lb-ft (502 Nm)	428 lb-ft (580 Nm)
Overall Height	46 in (1,168 mm)	48 in (1,219 mm)	48 in (1,219 mm)	48 in (1,219 mm)
Overall Width	39 in (991 mm)	39 in (991 mm)	39 in (991 mm)	39 in (991 mm)
Overall Length	48 in (1,219 mm)	53 in (1,346 mm)	53 in (1,346 mm)	53 in (1,346 mm)
Overall Weight	1,050 lb (476 kg)	1,120 lb (508 kg)	1,292 lb (586 kg)	1,292 lb (586 kg)

SERVICE PARTS & ACCESSORIES

PART NUMBER	DESCRIPTION	LEAD TIME
N104067	Surge Tank Hose For All Engines	Up to 2 weeks
N104184	Upper Rad Hose For All Engines	Up to 2 weeks
N104066	Lower Rad Hose For All Engines	Up to 2 weeks
N104623	Element Air Filter 4.3L/5.7L	Up to 2 weeks
N104646	Wire Set 4.3L	Up to 2 weeks
N104042	Spark Plug 4.3L/5.7L Iridium	Up to 2 weeks
N104118	Dist. External Col. 4.3L	Up to 2 weeks
N103610	Belt, Serpentine Short	Up to 2 weeks
N104625	Water Pump 4.3L/5.7L New	Up to 2 weeks
N103800	Filter, Oil V8 4.3L, 5.7L – 8.0L	Up to 2 weeks
N102613	Alternator, 4.3L/5.7L/7.4L/8.0L	Up to 2 weeks
N103995	Wire, Spark Plug Set 8MM V8	Up to 2 weeks
N106251	Dist. V8 External Coil	Up to 2 weeks
N103441	Spark Plug 7.4L/8.0L	Up to 2 weeks
N103586	Belt, Serpentine Short 7.4L/8.0L	Up to 2 weeks
N103610	Belt, Serpentine Short 4.3L/5.7L	Up to 2 weeks
N105416	Element Air Filter 7.4L/8.0L AG	Up to 2 weeks
N104513	4.3L Long Block	Up to 90 days
N104535	5.7L Long Block	Up to 90 days
N104061	7.4L Long Block Reman	Up to 90 days
N104062	8.0L Long Block Reman	Up to 2 weeks
N102612	Small Block Starter	Up to 2 weeks
N103449	Oil Pressure Switch	Up to 2 weeks
N100726	Temp Sender Switch 4.3L/5.7L	Up to 4 weeks
N104321	4.3L Radiator Aluminum	Up to 4 weeks
N103697	5.7L Radiator Aluminum	Up to 4 weeks
N103985	7.4L/8.0L Radiator	Up to 4 weeks
N101613	Woodward L-Series Electronic Governor	Up to 4 weeks
ACCESSORIES		
FR101906	Big Block Side Mount Generator Kit	Up to 4 weeks
F101129	4.3L Enclosure Kit	Up to 4 weeks
F101103	5.7L Enclosure Kit	Up to 4 weeks
F101104	7.4L and 8.0L Enclosure Kit	Up to 4 weeks
FR101894	LP Conversion Kit – Propane	Up to 4 weeks