

## ELEMENTS OF A PRESSURE WASHER

Pressure washers are known for their incredible cleaning power. This power can be utilized over a wide range of applications from residential, to contractors and heavy industry. Understanding how a pressure washer operates will help determine which one is the best for you.

### THREE ACTIVE CLEANING FACTORS

#### • AGITATION



The impact force of pressurized water hitting a surface breaks-up dirt particles and washes them away. In many cases, water and pressure is all that is required, especially for residential use.

### NEED MORE CLEANING POWER?

#### • SOAP/DETERGENT



If pressurized water isn't enough to get the job done alone, then adding soap will increase your cleaning power. This is especially true when trying to clean grease or oils. Soaps will chemically break the bonds between grease and grime allowing them to get flushed away more effectively.

### MOST POWERFUL CLEANING

#### • HEAT



Adding heat to your cleaning process is essential for oil and grease clean-up especially in industrial, automotive and agriculture industries. Hot water penetrates and melts grease molecules by lowering the water's surface tension, greatly reducing cleaning time.

(Note: do not run hot water into your pump unless your pressure washer is specifically capable of doing this).

### MEASURING THE CLEANING PERFORMANCE

When comparing pressure washers, it is important to look at how their performance is measured, this will determine the type of unit you require:

#### **PSI** (Pounds per Square Inch):

Measures the pressure or force of the water coming out of the tip. Can be viewed as the speed of the water, or the stripping power. This will help determine how powerful the water stream will be.

#### **GPM** (Gallons per Minute):

Measures the volume of water flowing out of the tip. Can be viewed as the weight of water, or the rinsing power. This will help determine how fast you can clean a surface.

Combined together, PSI and GPM dictate the cleaning power of the machine

### MECHANICAL COMPONENTS

#### **MOTOR / ENGINE**

Spins the pump

#### **ELECTRIC MOTORS**

Runs quietly, minimal maintenance, and zero emissions allowing them to be used indoors.

#### **GAS ENGINES**

Delivers exceptional power and portability.

#### **DRIVE SYSTEM**

Connects engine to pump

#### **DIRECT DRIVE**

The pump is connected directly to the engine. Compact and cost effective

#### **BELT DRIVE**

Gives the pump a longer life by reducing the heat and vibration from the engine. Used in commercial and industrial applications.

#### **PUMP SYSTEM**

Pressurizes the water

#### **AXIAL**

Wobble plate system. Direct drive, ideal for many light and medium duty applications.

#### **TRIPLEX**

Features a crankshaft and piston system that delivers greater power and longer life. For medium to heavy-duty applications

#### **UNLOADER SYSTEM**

Controls water flow in the pump

#### **BUILT-IN**

Most common, very economical

#### **EXTERNAL**

Commercial and industrial machines.

#### **DELIVERY SYSTEM**

#### **HOSE, WAND AND TIPS**

It is important to match up the accessories to the power of the machine. If the hoses and tips are the incorrect size, they will lower the performance and cause excessive wear on the engine and pump.



## DID YOU KNOW?



### ALL WETJET UNITS ARE MADE IN CANADA

Our 200,000 sq ft state-of-the art manufacturing facility is located in British Columbia.



### ALL WETJET GAS UNITS ARE MADE WITH PREMIUM ENGINES

Honda and Kohler

are renowned as leading engine manufacturers, and our commitment to excellence extends to our choice of top-of-the-line engines.



### ALL WETJET UNITS ARE MADE WITH ANNOVI REVERBERI (AR) PUMPS

AR pumps is the worlds largest manufacturer of pressure washer pumps. Based in northern Italy, they have been developing and building high quality pumps for more than 6 decades.



### ALL WETJET ELECTRIC UNITS ARE MADE WITH TECH TOP MOTORS

Techtop Canada has an uncompromised commitment to quality, innovation, value and perseverance.



### WETJET HAS OVER 200 SERVICE/WARRANTY CENTRES ACROSS CANADA AND 45 OF

THEM ARE "ELITE" STATUS Elite service centres are equipped with parts in inventory and mechanics on hand to prioritize your repair that may be needed.

# WetJet®



WETJETPOWER.COM



## PREMIUM PRESSURE WASHERS

### MAXIMUM CLEANING POWER FOR MULTIPLE APPLICATIONS



POWERED by **HONDA**

**GAS PRESSURE WASHER**  
LIGHT COMMERCIAL GRADE  
WJ3465KX

**KOHLER**



PSI	3,400
GPM	2.4
ENGINE	KOHLER SH270 - 196CC
ENGINE OIL TYPE	SAE 10W 30
PUMP TYPE	DIRECT DRIVE AXIAL
UNLOADER	BUILT-IN
FITTING TYPE	M22
STARTER TYPE	RECOIL
PUMP OIL TYPE	30W NON-DETERGENT
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 40°, SOAPER
WEIGHT	80 LBS
DIMS (LXWXH)	37"x23"x33"

**GAS PRESSURE WASHER**  
COMMERCIAL GRADE  
WJ4013HA

**POWERED by HONDA**



PSI	4,000
GPM	4.0
ENGINE	HONDA GX390 - 389CC
ENGINE OIL TYPE	SAE 10W 30
PUMP TYPE	ARDIRECT DRIVE TRIPLEX
UNLOADER	BUILT-IN
FITTING TYPE	BRASS QUICK-CONNECT
STARTER TYPE	RECOIL
PUMP OIL TYPE	30W NON-DETERGENT
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 40°, SOAPER
WEIGHT	142 LBS
DIMS (LXWXH)	37"x23"x33"

**ELECTRIC PRESSURE WASHER**  
COMMERCIAL GRADE  
WJ1520EW1A



WALL RECEPTACLE  
NEMA 5-20P GFCI



PSI	1,500
GPM	2.0
HP	2.0
VOLTS / AMPS	120V / 18.2A
MOTOR	HEAVY-DUTY ELECTRIC MOTOR
PUMP TYPE	ARDIRECTDRIVE TRIPLEX
UNLOADER	BUILT-IN
FITTING TYPE	BRASS QUICK-CONNECT
POWER TYPE	SINGLE PHASE
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 40°, SOAPER
WEIGHT	90 LBS
DIMS (LXWXH)	37"x23"x33"

**GAS PRESSURE WASHER**  
COMMERCIAL GRADE  
WJ3265HA

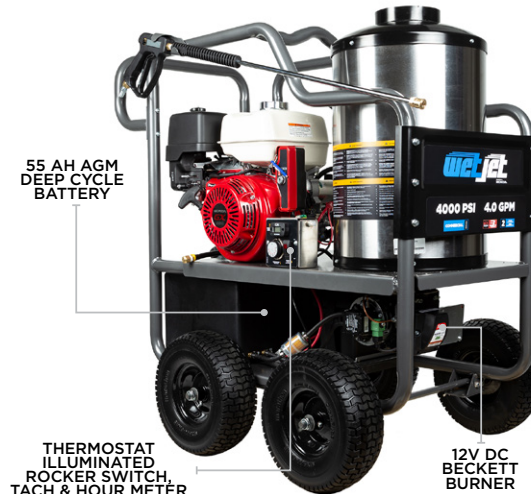
**POWERED by HONDA**



PSI	3,200
GPM	2.8
ENGINE	HONDA GX200 - 196CC
ENGINE OIL TYPE	SAE 10W 30
PUMP TYPE	ARDIRECTDRIVETRIPLEX
UNLOADER	BUILT-IN
FITTING TYPE	BRASS QUICK-CONNECT
STARTER TYPE	RECOIL
PUMP OIL TYPE	30W NON-DETERGENT
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 40°, SOAPER
WEIGHT	107 LBS
DIMS (LXWXH)	37"x23"x33"

**GAS HOT WATER PRESSURE WASHER**  
HEAVY-DUTY COMMERCIAL GRADE  
WJHW4013HA

**POWERED by HONDA**



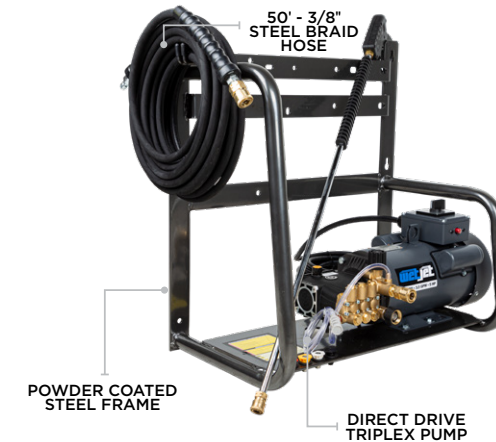
PSI	4,000
GPM	4.0
ENGINE	HONDA GX390 - 389CC
DIESEL TANK CAP.	10 GALLONS
ENGINE OIL TYPE	SAE 10W 30
BURNER BTU/HR	330,000
MAX TEMP.	93°C / 200°F
PUMP TYPE	ARDIRECT DRIVE TRIPLEX
UNLOADER	BUILT-IN
FITTING TYPE	BRASS QUICK-CONNECT
STARTER TYPE	RECOIL / ELECTRIC
PUMP OIL TYPE	30W NON-DETERGENT
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 25°, 40°, SOAPER
WEIGHT	440 LBS
DIMS (LXWXH)	47"x31"x48"

**TMR TRUCK MOUNT READY**

**ELECTRIC WALL MOUNT PRESSURE WASHER**  
COMMERCIAL GRADE  
WJ2050FG



WALL RECEPTACLE  
NEMA L6-30P



PSI	2,000
GPM	3.5
HP	5.0
VOLTS / AMPS	230V / 22A
MOTOR	HEAVY-DUTY ELECTRIC MOTOR
PUMP TYPE	DIRECT DRIVE TRIPLEX
UNLOADER	BUILT-IN
FITTING TYPE	BRASS QUICK-CONNECT
POWER TYPE	SINGLE PHASE
SOAP SYSTEM	FIXED INJECTOR
SAFETY	THERMAL VALVE
NOZZLES	0°, 15°, 40°, SOAPER
WEIGHT	152 LBS
DIMS (LXWXH)	27"x15"x27"