

MODEL: REFRESHER® FS2

TYPE: GASOLINE POWERED REFRESHMENT VEHICLE

MODEL YEAR: 2016

Option Part No: 634187 & Base Refresher 633911



Fixed float bowl with remote pulse fuel pump

PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Refresher Unit Overview: Refresher unit designed for inventory of unopened, pre-packaged, non-perishable foods for distribution through daily use. This Refresher unit is not meant for long term food storage or storage of opened food and beverage items. Adherence to local food handling regulations.

Each Refresher Unit Consist Of: Windshield with Frame; Struts and Slate Canopy; 2 Insulated Sliding Drawers with Locks; 2 lower storage cabinets with 3 shelves and 3 snack trays; Slide out Trash/recycle storage bin system, 2 plastic removable bins; Lower Rear Corner Storage Sections - both sides of endcap; Locking System for Holding & Changing Modules; Polar White Counter top; Left & Right Side Mirrors.

Modules: 6" Snack module with one dual-sided pullout polycarbon pegboard, hooks (6), baskets (2) and chip strips (2); 6" cup holder module with 5 internal racks; 12" module with adjustable shelves.

Fuel System:

Upper Rear Endcap: Reversible insert for airpots and bottles; 3.0 liter airpots (2); shelves for napkins and bottles on back panel (3); shelves on inside of doors (6);

Engine: 13.5 hp (10.1 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

Valve Train: Overhead valve

Lubrication: Pressurized oil system, spin-on oil filter
 Balancer: Internal counter rotating balance shaft
 Internal counter rotating balance shaft
 Internal counter rotating balance shaft
 Internal counter rotating balance shaft

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Canopy: Slate Canopy

Beverage Unit: 5000 Series Aluminum, Super Durable TGIC Polyester Powder Coating

Beverage Unit Storage Capacity:

Drawers: Two Drawers, total capacity 5.6 cu ft (.15 m3)
 Merchandising Capacity: 14.4 cu ft (.40 m3)
 Trash Bin Volume: 3.4 cu ft (0.96 m3)
 Work Space: 10 ft2 (.92 m2)

PRODUCT OVERVIEW

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Dimensions		Performance							
Overall Length	112.0 in (284.5cm)	Seating Capacity	2 Persons						
Overall Width	50.5 in (128.3 cm)	Dry Weight	1190 lb (540.kg)						
Overall Height (No Canopy)	48.5 in (123.2 cm) (Top of steering wheel)	Curb Weight	1230 lb (558 kg)						
Overall Height (With Canopy)	76.5 in (194.3 cm)	Vehicle load capacity	775 lb (352 kg)						
Wheel Base	77.0 in (196 cm)	Outside Clearance Circle	22.0 ft (6.7 m)						
Front Wheel Track	37.0 in (94 cm)	Intersecting Aisle Clearance	N/A						
Rear Wheel Track Gnd Clearance @ Differential	38.0 in (97 cm) 3.5 in (9 cm)	Speed (Level Ground)	Fwd - 11.0 mph \pm 0.5 mph (17.7 kph \pm 0.8 kph) Rev - 10 mph \pm 0.5 mph (16 kph \pm 0.8 kph)						
Vehicle Power		Towing Capacity	N/A						
Power Source	4 Cycle 24.5 cu in (401 cc)	Steering & Suspension							
Valve Train	Single Cylinder OHV	Steering	Self-compensating rack and pinion						
Horsepower (kW)	13.5 hp (10.1 kW) Exceeds SAE J1940 Std.	Front Suspension	Leaf springs with hydraulic shock absorbers						
Electrical System	Starter/Generator. Solid State Regulator	Rear Suspension	Leaf springs with hydraulic shock absorbers						
Batteries (Qty, Type)	One, 12 Volt Maintenance Free	Service Brake	Rear wheel mechanical self-adjusting drum						
Key or Pedal Start	Pedal	Parking Brake	Self-compensating, single point engagement						
Air Cleaner	Industrial Rated Dry Filter	Front Tires	Links 18 x 8.50 - 8 (4 Ply Rated)						
Lubrication	Pressurized Oil System	Rear Tires	Load Star 18 x 8.50 - 8 (6 Ply Rated)						
Oil Filter	Spin-On	Body & Chassis							
Cooling System	Air Cooled	Frame	Welded steel with DuraShield™ powder coat						
Max Fuel Volume	6.0 Gallon (22.7 L) tank	Front Body & Finish	Injection Molded TPO, painted						
Drive Train	Continuously variable transmission (CVT)	Rear Body & Finish	Steel. Base coat/clear coat						
Transaxle	Differential with helical gears	Standard Color	Forest Green						
Gear Selection	Forward - Reverse	Noise & Vibration							
Rear Axle Ratio	16.53:1 (Forward) 16.81:1 (Reverse)	Noise	Sound pressure; continued A-weighted equal to or less than 76 db(A).						
		Vibration, WBV	Highest RMS value of weighted acceleration is						
		Vibration, HAV	less than 2.5 m/s2.						
			Highest RMS value of weighted acceleration is						
			less than 2.5 m/s2.						
			The uncertainty of measurement is 1.08 m/s2						
		Measurement methods were applied per the ISO 2631 and ISO 5349 standards							
Some items shown may be optional equipment		under conditions of typical vehicle surfaces.							



Refresher Unit Dimensions Refresher Unit Length

53.12 in (134.0 cm) Refresher Unit Width 50.5 in (128.3 cm) Refresher Unit Height 54.08 in (137.4 cm) Refresher Unit Weight: All Parts 515 lb (233 kg) Standard Color Pebble Platinum Canopy Slate Canopy Standard Module Configuration

24" (61cm) Total Capacity: - 6" (15.2 cm) Snack Pull Out

- 12" (30.5 cm) Module with Adjustable Shelves

Refresher Unit Dimensions Cont.

Maximum Merchandising Capacity 14.4 cu ft (.40 m3) Hot/Cold Storage Drawer Vol. (Total) 5.6 cu ft (0.15 m3) Cold Storage Drainage Single Drain Per Drawer

Cold Storage Capacity 12 oz cans: 196 or 20 oz bottles: 130

Trash Bin Volume 3.4 cu ft (0.96 m3) U Shaped Work Space 10 ft2 (.92 m2) Beverage Unit 5000 Series Aluminum

- TGIC Polyester Powder Coating

- Visible Product Doors w/Locks

- 6" (15.2 cm) Cup Holde				
OPTIONS & FIELD INS	TAL	131) A(CCESSORIES (Installation not included)*
Item	Std	Opt	Fld	Item
Refresher Unit				COLORS:
Base Unit, for FS2 - Pebble Platinum	Х			Body Color Forest Green
Base Unit, for FS2 - Desert Stone		Χ		Body Color Ivory
Refresher Countertop - Polar White	Х			Body Color White
Refresher Countertop - Mercury Gray, Sand Shade		Χ		Body Color Yellow
Canopy - Slate (standard for Pebble Platinum unit)	Х			Body Color Orange
Canopy - Walnut Tweed (standard for Desert Stone unit)		Χ		Custom Body Color (upon request)
Canopy - Additional Color Options End Cap with Trash & Recycle		Χ		
End Cap with Trash & Recycle	Х			Seating:
Windshield	Х			Seat Color (Gray)
Side Mirrors	Χ			Seat Color (Tan)
Refresher Accessories				Seat Color (Oyster)
6" Snack Module with Hooks Kit	Х	ļ		Custom Seat Color (upon request)
6" Cup Holder Module - 5 internal Racks	Х			Pinstriping
12" Snack Module with Hooks Kit			Χ	Black
12" Module with 4 Adjustable Shelves	Х			Silver
12" Standard Shelves - 2 Pack			Χ	Pewter
12" Wedge Shelves - 2 Pack			Χ	
12" Single Airpot Holder -White			Χ	ELECTRICAL:
18" Module with 4 Adjustable Shelves			Χ	Headlights
18" Standard Shelves - 2 Pack			Χ	Horn
18" Wedge Shelves - 2 Pack			Χ	Low Oil Indicator
18" Dual Airpot Holder - White	<u> </u>		Χ	Fuel Gauge
Consumable Ice Drawer Insert, SS, 10x10x20			Χ	Hour Meter
3.0 Liter Airpot (2 Standard)	Х		Χ	Brake Lights
Reversible Insert For Airpots/Bottles	Χ		Χ	LED Headlights
Napkin & Bottle Holder Shelves - 3 Pack w/Hardware	Х		Χ	Turn Signals with 4-Way Flashers
Coffee/Creamer Serving Caddy - 2 Pack	Х		Χ	12 Volt Outlet
Mini Bottle Holder Shelves - 3 Pack w/Hardware	Х		Χ	Heavy Duty Battery
Drawer Inserts: Candy & Sandwich Tray - 2 Pack			Χ	Unique Group Key Switch
Snack Module Kit (6HKS, 2 Clip Strips, 2 Baskets)			Χ	Unique Individual Key Switch
Mini Tray Set - 3 Pack	···	ļ	Χ	
Humidor	<u> </u>	Ţ	Χ	OTHER PERFORMANCE:
				Front Bumper & Guard (Black)
TIRES & WHEELS:				Ash Tray
Front:				Front Hydraulic Disc Brakes
Links 18 x 8.50 - 8 (4 Ply Rated)	Χ			International Shipping

Item	Std	Opt	Fld
COLORS:			
Body Color Forest Green	Χ		
Body Color Ivory		Χ	
Body Color White		Χ	
Body Color Yellow		Χ	
Body Color Orange		Χ	
Custom Body Color (upon request)		Χ	
Gustom Body Gold (upon requesty			l
Seating:			
Seat Color (Gray)	Ιx		l
	^	· · · · · ·	
Seat Color (Tan)		Χ	ļ
Seat Color (Oyster)		Χ	ļ
Custom Seat Color (upon request)		Χ	<u> </u>
Pinstriping	1	1	
Black		Χ	
Silver		Χ	<u> </u>
Pewter		Χ	
ELECTRICAL:			
Headlights	Χ		
Horn	Χ		
Low Oil Indicator	Χ		
Fuel Gauge	Х		
Hour Meter		Χ	
Brake Lights		Χ	ļ
LED Headlights		X	
Turn Signals with 4-Way Flashers		Χ	
12 Volt Outlet		Χ	
			ļ
Heavy Duty Battery		Χ	ļ
Unique Group Key Switch		Χ	ļ
Unique Individual Key Switch		Χ	<u> </u>
OTHER PERFORMANCE:		i	
Front Bumper & Guard (Black)	Χ		ļ
Ash Tray		Χ	<u> </u>
Front Hydraulic Disc Brakes		Χ	
International Shipping		Χ	
CE Kit		Χ	·····

Links 18 x 8.50 - 8 (4 Ply Rated)	Х		
Turf Saver 18 x 8.50 - 8 (Load Range B)		Χ	
Rear:			
Load Star 18 x 8.50 - 8 (6 Ply Rated)	Χ		
Turf Saver 20 x 10 - 10 (4 Ply Rated)		Χ	

Wheel Covers:

Spoke, Silver	Χ	L
Spoke, Gold	Χ	

High Altitude

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