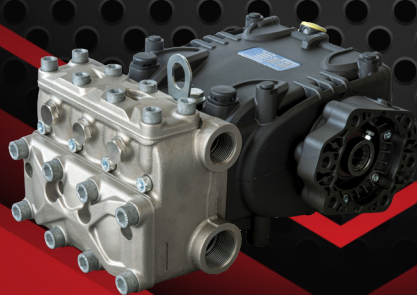


Dynablast HYDROVAC



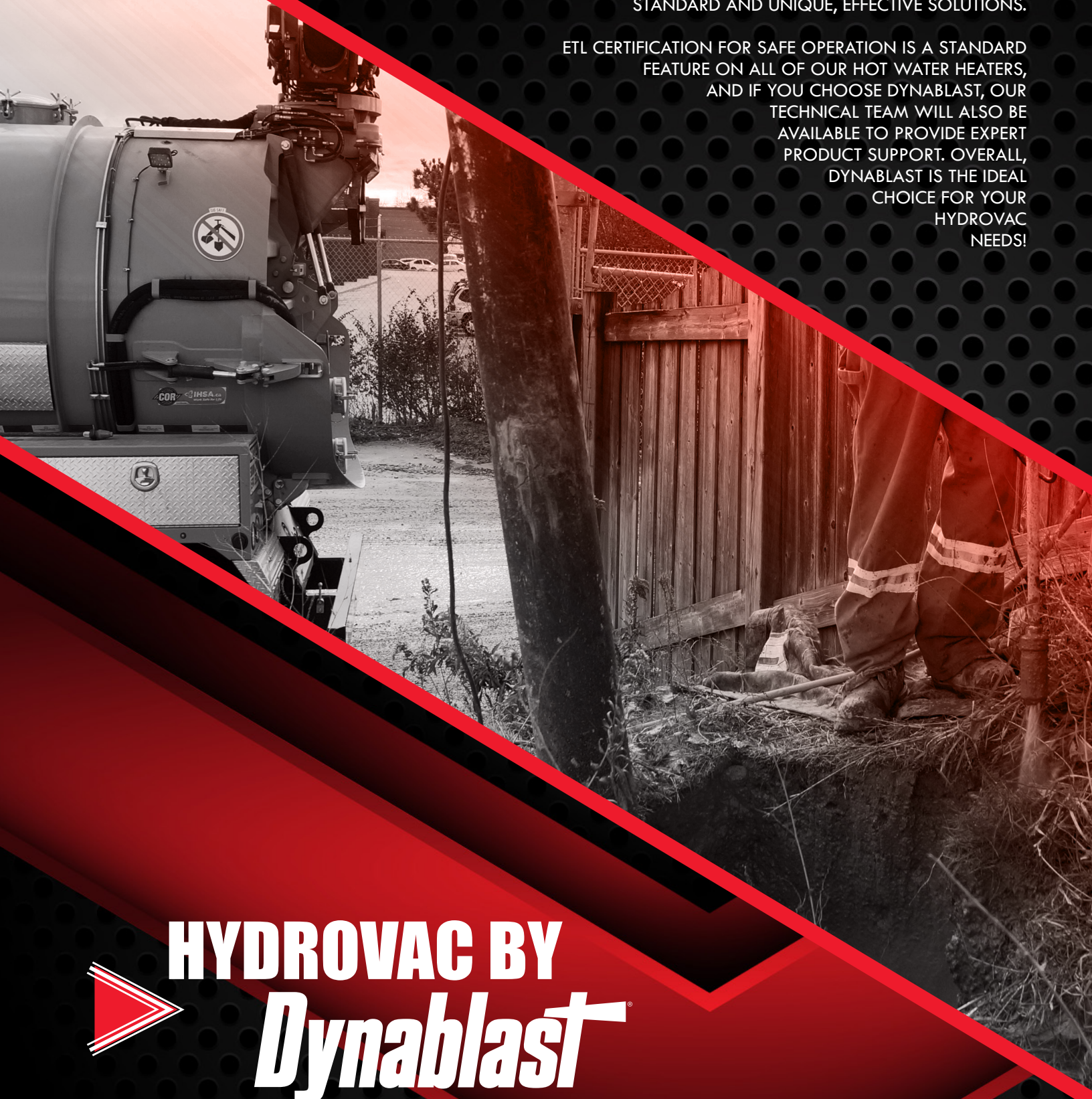
WATER HEATERS, PUMPS & PARTS CATALOGUE



FOR THE PAST 40 YEARS, DYNABLAST, A DIVISION OF JOHN BROOKS COMPANY LIMITED HAS BEEN THE EXCLUSIVE CANADIAN DISTRIBUTOR FOR THE TOP ITALIAN BRANDS; INTERPUMP, PRATISSOLI PUMPS AND PA COMPONENTS.

TO ENSURE THE NEEDS OF THEIR CUSTOMERS ARE MET, DYNABLAST COLLABORATES WITH HYDROVAC TRUCK OEMS TO OFFER BOTH STANDARD AND UNIQUE, EFFECTIVE SOLUTIONS.

ETL CERTIFICATION FOR SAFE OPERATION IS A STANDARD FEATURE ON ALL OF OUR HOT WATER HEATERS, AND IF YOU CHOOSE DYNABLAST, OUR TECHNICAL TEAM WILL ALSO BE AVAILABLE TO PROVIDE EXPERT PRODUCT SUPPORT. OVERALL, DYNABLAST IS THE IDEAL CHOICE FOR YOUR HYDROVAC NEEDS!



HYDROVAC BY
Dynablast



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DYNABLAST HV300FLS DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- High-Pressure Blow-Off Valve
- Burner Temperature Control
- Multi-Directional Rain Cap
- Powder Coated Paint Finish (FLS-12VRED)
- Stainless Steel Skin (FLS-12V)
- Assembled in Canada

HV300FLS-12VRED | HV300FLS-12V

BTU	300,000
HEAT RISE	4 GPM @ 120°F
COIL	1/2" Schedule 80
AMPS	11.5 A
BURNER	Beckett ADC 12V
FUEL CONSUMPTION	1.98 GPH
COIL WATER DISCHARGE	Top
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	19" x 19" x 41.75" 19" x 20" x 49.75"
WEIGHT	340lbs 345lbs

Beckett



DYNABLAST HV420FLS DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- High Pressure Blow-Off Valve
- Burner Temperature Control
- Multi-Directional Rain Cap
- Powder Coated Paint Finish (FLS-12VRED)
- Stainless Steel Skin (FLS-12V)
- Assembled in Canada

HV420FLS-12VRED | HV420FLS-12V

BTU	420,000
HEAT RISE	5 GPM @ 120°F
COIL	1/2" Schedule 80
AMPS	11.5 A
BURNER	Beckett ADC 12V
FUEL CONSUMPTION	3.06 GPH
COIL WATER DISCHARGE	Top
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	19" x 19" x 51.75" 19" x 20" x 59.75"
WEIGHT	375lbs 380lbs

Beckett



DYNABLAST CAB420FLS-12V DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- 14 Gauge Steel Cabinet
- Polyester Powder Coat Paint
- Stainless Steel Hinges and Hardware
- Reversible Hinge Door
- Two Service Access Panels
- Gas Prop (Door)
- Multi-Directional Rain Cap
- Aluminium Discharge Cap
- Assembled in Canada

CAB4200FLS-12V

BTU	420,000
HEAT RISE	5 GPM @ 120°F
COIL	1/2" Schedule 80
APMS	11.5 A
BURNER	Beckett ADC 12V
FUEL CONSUMPTION	3.06 GPH
COIL WATER DISCHARGE	Top
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	24" x 24" x 52.5"
WEIGHT	485lbs

Beckett



DYNABLAST HV590FLS-12V DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Momentary Test, Flow & Thermostat
- Polyester Powder Coated Paint
- Fuel use #1 or #2
- HV12DPLS Control Box Included
- Assembled in Canada

HV590FLS-12V

BTU	590,000
HEAT RISE	8 GPM @ 120°F
COIL	3/4" Schedule 80
APMS	18.8 A
BURNER	Beckett SDC 12V
FUEL CONSUMPTION	3.98 GPH
COIL WATER DISCHARGE	Top
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	25" x 25" x 58"
WEIGHT	570lbs

Beckett



DYNABLAST HV690FLS-12V DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- Powder Coated Paint Finish
- HV1 2DPLS Control Box Included
- Assembled in Canada

HV690FLS-12V

BTU	690,000
HEAT RISE	10 GPM @ 120°F
COIL	3/4" Schedule 80
AMPS	18.8 A
BURNER	Beckett SDC 12V
FUEL CONSUMPTION	4.73 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	26.5" x 26.5" x 58"
WEIGHT	850lbs

Beckett



DYNABLAST HV700FLS DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Wired Remote Box
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- Powder Coated Paint Finish
- High Pressure Blow-Off Valve
- Welded Inner Coil for Support
- HV12DPLS Control Box Included
- Assembled in Canada

HV700FLS

BTU	700,000
HEAT RISE	10 GPM @ 120°F
COIL	3/4" Schedule 80
AMPS	4.8 A
BURNER	Wayne EH 120V
FUEL CONSUMPTION	5.03 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
DIMENSIONS	26.5" x 26.5" x 58"
WEIGHT	850lbs



DYNABLAST HV900FLS DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- No Steam
- ETL Certified
- Wired Remote Box
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- Powder Coated Paint Finish
- High Pressure Blow-Off Valve
- Welded Inner Coil for Support
- HV12DPLS Control Box Included
- Assembled in Canada

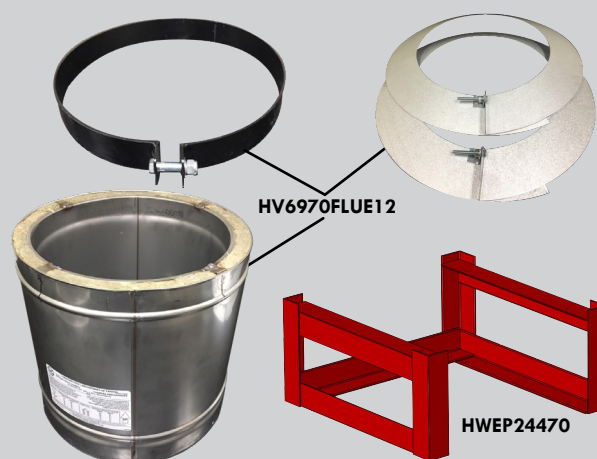
HV900FLS

BTU	900,000
HEAT RISE	14 GPM @ 120°F
COIL	3/4" Schedule 80
APMS	4.8 A
BURNER	Beckett CF800 120V
FUEL CONSUMPTION	5.81 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
HIGH PRESSURE & STEAM OPERATING VALVES	Yes
DIMENSIONS	26.5" x 26.5" x 64"
WEIGHT	900lbs

Beckett



AVAILABLE CHIMNEY KITS AND LIFT STAND



Part Number	Description	Diameter	Height	Fits Models
HV420FLUE12	Chimney Kit	8"	12"	420
HV420FLUE24	Chimney Kit	8"	24"	420
HV6970FLUE12	Chimney Kit	10"	12"	590, 690, 700
HV6970FLUE24	Chimney Kit	10"	24"	590, 690, 700
HWEP24470	Lift Stand	26.5" x 26.5"	12"	590, 690, 700

DYNABLAST HV690F-12V DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- Steam Control
- ETL Certified
- High Pressure & Steam Operating Valves
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- HV12DP Control Box Included
- Assembled in Canada

HV690F-12V

BTU	690,000
HEAT RISE	10 GPM @ 120°F
COIL	3/4" Schedule 80
AMPS	18.8 A
BURNER	Beckett SDC 12V
FUEL CONSUMPTION	4.73 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
HIGH PRESSURE & STEAM OPERATING VALVES	Yes
DIMENSIONS	26.5" x 26.5" x 58"
WEIGHT	850lbs

Beckett



DYNABLAST HV700F DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- Wired Remote Box
- ETL Certified
- Steam Control
- High Pressure & Steam Operating Valves
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- Assembled in Canada

HV700F

BTU	700,000
HEAT RISE	10 GPM @ 120°F
COIL	3/4" Schedule 80
AMPS	4.8 A
BURNER	Wayne EH 120V
FUEL CONSUMPTION	5.03 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
HIGH PRESSURE & STEAM OPERATING VALVES	Yes
DIMENSIONS	26.5" x 26.5" x 58"
WEIGHT	850lbs



DYNABLAST HV900F DIESEL FIRED WATER HEATERS

FEATURES & BENEFITS

- Wired Remote Box
- ETL Certified
- Steam Control
- High Pressure & Steam Operating Valves
- Momentary Test, Flow & Thermostat
- Fuel use # 1 or # 2
- Assembled in Canada

HV900F

BTU	900,000
HEAT RISE	14 GPM @ 120°F
COIL	3/4" Schedule 80
AMPS	4.8 A
BURNER	Beckett CF800 120V
FUEL CONSUMPTION	5.81 GPH
COIL WATER DISCHARGE	Bottom
FUEL PRESSURE GAUGE	Yes
TEMPERATURE GAUGE	Yes
HIGH PRESSURE & STEAM OPERATING VALVES	
DIMENSIONS	26.5" x 26.5" x 64"
WEIGHT	850lbs

Beckett



WHY CHOOSE DYNABLAST HOT WATER HEATERS?

SAFETY

- High Limit Switch
- Pressure Relief Valve
- Flow Switch
- Thermostat & Temperature Gauge
- Primary Control (CAD)

RUGGED DESIGN

- Welded Inner Coil Skin for Coil Support
- Welded 7 Gauge Wrapped Steel Base & Leg Support
- 16 Gauge Outer Skin/ Cap
- Stainless Steel Target Plate in **ALL** Coils
- Powder Coated Paint Finish

HEATING COILS

- 1/2" or 3/4" Schedule 80 (Available in Sch.160)
- ASTM A53 Close Coiling Pipe
- Resistance Butt-Welded into Continuous Length
- 1/2" 3,500 PSI Operating Pressure
- 3/4" 3,500 PSI Operating Pressure
- (Select 1/2" Models Available in 4,000 PSI)
- Vertically Fired

SERVICEABILITY

- High Limit Fuel Solenoid Valve Indicator
- Removable Service Access Panel
- Bottom Access On All 4 Sides For Burner & Fuel Filter
- Raycor Fuel Filter
- Momentary Test, Flow & Thermostat
- Fuel Pressure Gauge



E3 SERIES - SAE-B FLANGE - 7/8" KEYED SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
E3C1021Y	5.5	3,600	1,750	20 mm	13 mm	11.7

- Inlet Port Thread: 1/2" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- 140°F Max Water Inlet Temperature
- Forged Brass Manifold
- Oil Capacity: 22.0 fl oz (ISO 100)
- Pump Dimensions: 10.4" x 8.8" x 5.4"
- Weight: 41 lbs



66 SERIES - SAE-B FLANGE - 13T 16/32DP SPLINE SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
T2040SPF	10.56	2,900	1,750	22 mm	21 mm	15.7

- Inlet Port Thread: 3/4" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- 140°F Max Water Inlet Temperature
- Oil Capacity: 31.4 fl oz (ISO 100)
- Forged Brass Manifold
- Pump Dimensions: 13.2" x 9.6" x 6.23"
- Weight: 41 lbs



KT HP SERIES - SAE-B FLANGE - 13T 16/32DP SPLINE SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KT20ASPF	9.5	5,800	1,450	20mm	26 mm	35.9
	11.4	4,640	1,750	20mm	26 mm	37.3
KT22ASPF	11.4	4,640	1,450	22mm	26 mm	34.0
	13.7	3,625	1,750	22mm	26 mm	36.2

- Inlet Port Thread: 1" NPT-F
- Discharge Port Thread: 1/2" NPT-F
- 140°F Max Water Inlet Temperature
- Nickel Coated 420SS Manifold
- Oil Capacity: 68fl oz (ISO 220)
- Pump Dimensions: 16" x 13.4" x 7.5"
- Weight: 85 lbs

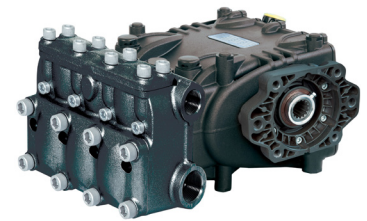


Pratissoli

KT LP SERIES - SAE-B FLANGE - 13T 16/32DP SPLINE SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KT24ASPF	13.5	3,625	1,450	24 mm	26 mm	32.4
	16.3	2,900	1,750	24 mm	26 mm	33.5
KT28ASPF	18.4	2,900	1,450	28 mm	26 mm	38.6
	22.2	2,540	1,750	28 mm	26 mm	36.5

- Inlet Port Thread: 1 1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 140°F Max Water Inlet Temperature
- HR Treated Cast Iron Manifold
- Oil Capacity: 68fl oz (ISO 220)
- Pump Dimensions: 15.5" x 13.4" x 8.3"
- Weight: 88 lbs



Pratissoli

KTX SERIES - SAE-B FLANGE - 13T 16/32DP SPLINE SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KTX24A	13.5	3,625	1,450	24 mm	26 mm	32.4
	16.3	2,900	1,750	24 mm	26 mm	33.5
KTX28A	18.4	2,900	1,450	28 mm	26 mm	38.6
	22.2	2,540	1,750	28 mm	26 mm	36.5

- Inlet Port Thread: 1-1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 185°F Max Water Inlet Temperature
- Nickel Coated 420SS Manifold
- Kevlar/ Graphite Packings
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 15.5" x 13.4" x 8.3"
- Weight: 90 lbs



Pratissoli

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
HF25ASPF	19.4	4,060	1,000	25 mm	50 mm	53.9

- Inlet Port Thread: 1" NPT-F
- Discharge Port Thread: 3/4" NPT-F
- 140°F Max Water Inlet Temperature
- Nickel Coated 420SS Manifold
- Oil Capacity: 128.5 fl oz (ISO 220)
- Pump Dimensions: 20" x 14.4" x 9.5"
- Weight: 143 lbs

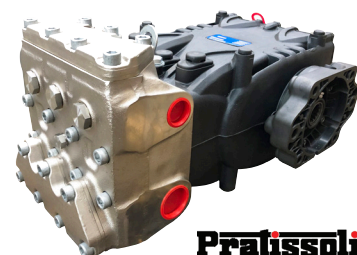


Pratissoli

KFR SERIES - SAE-C FLANGE - 14T 12/24DP SPLINE SHAFT

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KFR25ASPF	19.4	3,200	1,000	25 mm	50 mm	50.9

- Inlet Port Thread: 1 1/2" NPT-F
- Discharge Port Thread: 1" NPT-F
- 185°F Max Water Inlet Temperature
- Nickel Coated 420SS Manifold
- Kevlar/ Graphite Packing
- Oil Capacity: 128.5fl oz (ISO 220)
- Pump Dimensions: 20.7" x 14.4" x 10"
- Weight: 143 lbs



Pratissoli

HYDROVAC ASSEMBLED SKIDS



KT / KTX SERIES MINI SKID

Designed to fit Hydraulic Motor with SAE B Flange, 1" Male keyed or 13T spline shaft.
KTR with Purple Spider Coupler included.

*Mini Skid shown with KTX28A



HF / KFR SERIES HYDROVAC SKID

Designed to fit Hydraulic Motor with SAE C Flange, 13/8" Male Keyed Shaft (Will Fit Danfoss 90M Motor).
KTR with Purple Spider Coupler included.

NEED A CUSTOMIZED SOLUTION?

Dynablast can supply custom ETL Certified products to fit OEM needs.

All designs can be provided in a 3D Model to ensure fit and finish on the truck or trailer.



59 SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
ES2012S	4.76	4,000	1,750	20 mm	12 mm	13.0

- Inlet Port Thread: 1/2" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- Shaft Diameter: 24 mm
- 140°F Max Water Inlet Temperature
- Forged Brass Manifold
- Oil Capacity: 22.0 fl oz (ISO 100)
- Pump Dimensions: 10.4" x 8.8" x 5.4"
- Weight: 41 lbs



47 SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
TS2021BN	5.6	3,500	1,450	20 mm	16 mm	13.5

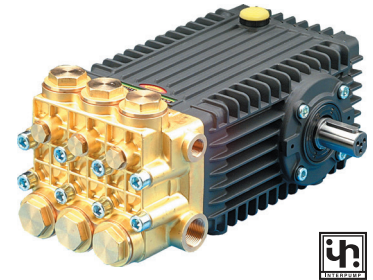
- Inlet Port Thread: 1/2" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: 24 mm
- Forged Nickel Coated Brass Manifold
- Oil Capacity: 40 fl oz (ISO 100)
- Pump Dimensions: 12.2" x 9.2" x 6.9"
- Weight: 33 lbs



66 SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
T2535	9.25	3,600	1,750	22 mm	19 mm	23.0
T2040	10.56	2,900		22 mm	21 mm	21.0
T1750	13.2	2,500		24 mm	21 mm	22.6

- Inlet Port Thread: 3/4" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: 24 mm
- Forged Brass Manifold
- Oil Capacity: 31.4 fl oz (ISO 100)
- Pump Dimensions: 13.2" x 9.6" x 6.23"
- Weight: 41 lbs



KT HP SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KT20A	9.5	5,800	1,450	20 mm	26 mm	36.2
	11.4	4,640	1,750	20 mm	26 mm	37.7
KT22A	11.4	4,640	1,450	22 mm	26 mm	34.0
	13.7	3,625	1,750	22 mm	26 mm	36.2

- Inlet Port Thread: 1" NPT-F
- Discharge Port Thread: 1/2" NPT-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: 30 mm
- Nickel Plated 420SS Manifold
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 16" x 13.4" x 7.5"
- Weight: 85 lbs



Pratissoli

KT LP SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KT24A	13.5	3,625	1,450	24 mm	26 mm	32.4
	16.3	2,900	1,750	24 mm	26 mm	33.5
KT28A	18.4	2,900	1,450	28 mm	26 mm	38.6
	22.2	2,540	1,750	28 mm	26 mm	36.5

- Inlet Port Thread: 1 1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: 30 mm
- HR Treated Cast Iron Manifold
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 15.5" x 13.4" x 8.3"
- Weight: 88 lbs



Pratissoli

KTX SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KTX24A	13.5	3,625	1,450	24 mm	26 mm	32.4
	16.3	2,900	1,750	24 mm	26 mm	33.5
KTX28A	18.4	2,900	1,450	28 mm	26 mm	38.6
	22.2	2,540	1,750	28 mm	26 mm	36.5

- Inlet Port Thread: 1-1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 185°F Max Water Inlet Temperature
- Shaft Diameter: 30mm
- Nickel Coated 420SS Manifold
- Kevlar/ Graphite Packings
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 15.5" x 13.4" x 8.3"
- Weight: 90 lbs



HF SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
HF25A	19.4	4,060	1,000	25 mm	50 mm	53.9

- Inlet Port Thread: 1" NPT-F
- Discharge Port Thread: 3/4" NPT-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: 40 mm
- Nickel Coated 420SS Manifold
- Oil Capacity: 128.5 fl oz (ISO 220)
- Pump Dimensions: 20" x 14.4" x 9.5"
- Weight: 143 lbs



KFR SERIES

Part No.	GPM	PSI	RPM	Bore	Stroke	BHP
KFR25A	19.4	3,200	1,000	25 mm	50 mm	50.9

- Inlet Port Thread: 1 1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 185°F Max Water Inlet Temperature
- Shaft Diameter: 40 mm
- Kevlar/ Graphite Packing
- Nickel Coated 420SS Manifold
- Oil Capacity: 128.5fl oz (ISO 200)
- Pump Dimensions: 20.7" x 14.4" x 10"
- Weight: 143 lbs



FLOJET VERSIJET SERIES - HIGH CAPACITY DIAPHRAGM PUMP

Part No.	Flow	Pressure	Voltage
R8520144A	5.0 GPM	70 PSI	12 v

- Port Size 1/2" Inlet, 3/4" Outlet
- Santoprene Diaphragms
- Viton Check Valves
- No Pressure Switch



FLOJET QUAD SERIES DIAPHRAGM PUMP

Part No.	Flow	Pressure	Voltage	Switch	Cams	Seals
4300143	5.0 GPM	40 PSI	12 v	45 PSI	3	Santoprene/EPDM

- Max Temperature: 130°F
- Housing: Polypropylene
- Excellent Self Priming Capabilities
- Port Size: 1/2" HB Inlet, 3/4" HB Outlet
- Choice Of Chemical Resistant Materials
- Self Priming Up to 8' (Dry)





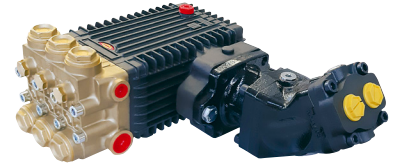
INTERPUMP FOX HYDRAULIC MOTORS INCLUDED

Pratissoli

66 SERIES HYPACK

Part No.	GPM	PSI	RPM	Bore	Stroke	Oil Vol. GPM	Oil Press. GPM
T2040-P34CC	10.56	2,900	1,750	22 mm	21 mm	19.39	2,248

- Inlet Port Thread: 3/4" BSP-F
- Discharge Port Thread: 3/8" BSP-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: SAE J744-B with 13T 16/32DP Hollow Spline Shaft
- Forged Brass Manifold
- Interpump Fox Motor 34CC
- Oil Capacity: 31.4 fl oz (ISO 100)
- Pump Dimensions: 15.3" x 7.5" x 5.7"
- Weight: 63.5 lbs



KT LP SERIES HYPACK

Part No.	GPM	PSI	RPM	Bore	Stroke	Oil Vol. GPM	Oil Press. GPM
KT28ASPF-P47CC	18.4	2,900	1,450	28 mm	26 mm	18.0	4,060
	22.2	2,538	1,750	28 mm	26 mm	21.7	3,630
KT28ASPF-P64CC	18.4	2,900	1,450	28 mm	26 mm	24.5	3,050
	22.2	2,540	1,750	28 mm	26 mm	29.6	2,610

- Inlet Port Thread: 1 1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: SAE J744-B with 13T 16/32DP Hollow Spline Shaft
- HR Treated Cast Iron Manifold
- Interpump Fox Motor 47CC/ 64CC
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 15.9" x 21.3" x 8.6"
- Weight: 125 lbs



KTX LP SERIES HYPACK

Part No.	GPM	PSI	RPM	Bore	Stroke	Oil Vol. GPM	Oil Press. GPM
KTX28ASPF-P47CC	18.4	2,900	1,450	28mm	26mm	18.0	4,060
	22.2	2,538	1,750	28mm	26mm	21.7	3,630
KTX28ASPF-P64CC	18.4	2,900	1,450	28mm	26mm	24.5	3,050
	22.2	2,538	1,750	28mm	26mm	29.6	2,610

- Inlet Port Thread: 1-1/4" NPT-F
- Discharge Port Thread: 1" NPT-F
- 185°F Max Water Inlet Temperature
- Shaft Diameter: SAE J744-B with 13T 16/32DP Hollow Spline Shaft
- Nickel Plated 420SS Manifold
- Kevlar/ Graphite Packings
- Oil Capacity: 68 fl oz (ISO 220)
- Pump Dimensions: 15.9" x 21.3" x 8.6"
- Weight: 125 lbs



NEW!



HF SERIES HYPACK

Part No.	GPM	PSI	RPM	Bore	Stroke	Oil Vol. GPM	Oil Press. GPM
HF25ASPF-P84CC	19.4	4,060	1,000	25 mm	50 mm	28.5	53.9

- Inlet Port Thread: 1" NPT-F
- Discharge Port Thread: 3/4" NPT-F
- 140°F Max Water Inlet Temperature
- Shaft Diameter: SAE J744-C with 14T 12/24DP Hollow Spline Shaft
- Nickel Coated 420SS Manifold
- Interpump Fox Motor 84CC
- Oil Capacity: 128.5 fl oz (ISO 220)
- Pump Dimensions: 19.9" x 22.5" x 9.9"
- Weight: 178 lbs

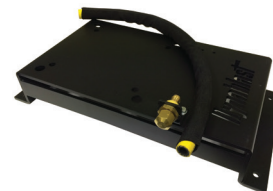


PUMP MOUNTING KITS WITH DOUBLE SEAL OIL DRAIN

Part No.	Pump Series
HV4766RISERKIT	Interpump 47 & 66 Series
HV7071RISERKIT	Pratissoli 70 & 71 Series



HV4766RISERKIT



HV7071RISERKIT

HYDRAULIC BELL HOUSING & FLEX COUPLERS COMPLETE KITS

Part No.	Pump Series
ZFH/ZGH47SBKIT	Interpump Series 47 & 66
ZFH/ZGH70SBKIT	Pratissoli Series KE (70) Hydraulic Kit
ZFH/ZGH71SBKIT	Pratissoli Series KF, HF, VF (71) Hydraulic Kit

- Kit Includes Bell Housing, Flex Coupler and Mounting Hardware
- Easy to Install
- Mounts Directly on the Pump Saving Time on Installation
- Reduced Operating Costs
- Improved Pump Life Due to Proper Alignment with Hydraulic Motor



ZFH/ZGH47SBKIT



ZFH/ZGH70SBKIT

INDIVIDUAL COMPONENTS

BELL HOUSINGS		
Part No.	Description	Pump Series
ZFH47SB	Bell Housing Flange	Interpump 47 & 66 Series
ZFH70SLT	Bell Housing with Slot	Pratissoli 70 Series
ZFH71SLT	Bell Housing Flange with Slot	Pratissoli 71 Series
COUPLERS		
Part No.	Description	Pump Series
ZGH47SB	Flex Coupler	Interpump 47 & 66 Series
ZGH47SB1IN	Flex Coupler with 1" Bore	Interpump 47 & 66 Series
ZGH70SB	Flex Coupler	Pratissoli 70 Series
ZGH71SC	Flex Coupler	Pratissoli 71 Series
ZGH71SC13/8	Flex Coupler with 1-3/8" Bore	Pratissoli 71 Series
10068351I	Flex Joint Only	Interpump 47 & 66 Series
10075547PR	Spider Only	Pratissoli 70 Series
10074947PR	Spider Only	Pratissoli 71 Series
RTEX28-24MM	KTR Flex Coupler 24mm Keyed	Interpump 47, 66 Series
RTEX28-13T	KTR Flex Coupler 13T Spline	Interpump 47, 66 Series
RTEX28SPDR	KTR Purple Spider Only	Interpump 47, 66 Series
RTEX42-30MM	KTR Flex Coupler 30mm Keyed	KT / KTX Mini Skid
RTEX42-13TSPLINE	KTR Flex Coupler 13T Spline	KT / KTX Mini Skid
RTEX42-1INCH	KFR Flex Coupler 1" Keyed	KT / KTX Mini Skid
RTEX42SPDR	KTR Purple Spider Only	KT / KTX Mini Skid
RTEX48-40MM	KFR Flex Coupler 40mm Keyed	HF / KFR Hydrovac Skid
RTEX48-1 3/8	KFR Flex Coupler 1 3/8" Keyed	HF / KFR Hydrovac Skid
RTEX48SPDR	KTR Purple Spider Only	HF / KFR Hydrovac Skid



HYDRAULIC PISTON MOTORS

Part No.	Description	Pump Series
95149000PR	Interpump Fox 34CC Bi-Directional with Adaptors	Interpump 66 Series
95150000PR	Interpump Fox 47CC Bi-Directional with Adaptors	Pratissoli 70 Series
95152150PR	Interpump Fox 64CC Bi-Directional with Adaptors	Pratissoli 70 Series
95153150PR	Interpump Fox 84CC Bi-Directional with Adaptors	Pratissoli 71 Series

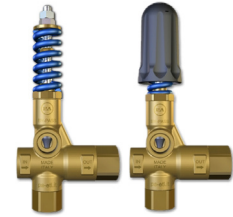
- Loop Flush Valve built into Motor
- With Adaptors from BSP to NPT
- Bi-Directional



PULSAR 4 UNLOADER

Part No.	Pressure	Description
TPU1040	4,050 PSI	Blue Spring
TPU1040H		Blue Spring, Handle

- 10.5 GPM Max Flow
- 140°F Rated Temperature
- 3/8" NPT-F Inlet/Outlet
- 3/8" NPT-F Bypass (2)



VB85/VB85H UNLOADER

Part No.	Rated Pressure	Description
UTP2140R	4,050 PSI	Blue Spring
UTP2140HR		Blue Spring, Handle

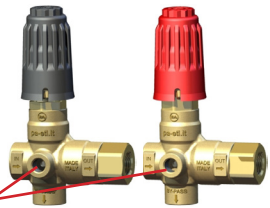
- 21.0 GPM Max Flow
- 140°F Rated Temperature
- 1/2" NPT-F Inlet/Outlet/Bypass
- Brass Material
- 2.5 lbs Weight



VB33/VB36 UNLOADER

Part No.	Rated Pressure	Rated Temperature
VB33	4,050 PSI	140°F
VBHT33		185°F
VB36	5,100 PSI	145°F
VBHT36		185°F

- 21.0 GPM Max Flow
- 1/2" NPT-F Inlet/Outlet/Bypass
- VB33 - Black Handle
- VB36 - Blue Handle
- 2.0 lbs Weight



1/4" BSP-F Gauge Port

UVS3050 UNLOADER

Part No.	Pressure	Flow
UVS3050	5,800 PSI	21.0 GPM

- 140°F Rated Temperature
- 1/2" NPT-F Inlet/Outlet
- 1/2" NPT-F Bypass
- 2.7 lbs Weight
- 303 Stainless Steel

Stainless Steel



VB200 UNLOADER

Part No.	Pressure	Flow
60430000P	4,050 PSI	53.0 GPM

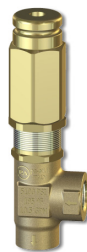
- 140°F Rated Temperature
- 1" NPT-F Inlet/Outlet
- 1" NPT-F Bypass
- 4.7 lbs Weight



VS310 SAFETY RELIEF VALVE

Part No.	Pressure	Flow
VS310	4,500 PSI	10.5 GPM

- 140°F Rated Temperature
- 3/8" BSP-F Inlet
- 3/8" BSP-F Outlet
- 0.837 lbs Weight



VS500 HP SAFETY RELIEF VALVE

Part No.	Pressure	Flow
60520000P	7,250 PSI	21.0 GPM
60523000P	4,500 PSI	

- 140°F Rated Temperature
- 1/2" BSP-F Inlet
- 3/8" BSP-F Bypass
- 3.13 lbs Weight



VS200/180 SAFETY RELIEF VALVE

Part No.	Pressure	Flow
VS200/180	2,600 PSI	53 GPM
VS200/173 preset w/ Locking Cap	2,500 PSI	

- 140°F Rated Temperature
- 3/4" NPT-F Inlet
- 1/2" NPT-F Bypass
- 1.8 lbs Weight



VB450 LARGE FLOW UNLOADER

Part No.	Pressure	Flow
VB450/200	2,900 PSI	120 GPM
VB450/300	4,350 PSI	120 GPM

- 140°F Rated Temperature
- 1-1/4" BSP-F Inlet/Outlet
- 1-1/2" BSP-F Bypass
- 13.5 lbs Weight



RL37 - SPRAY GUN

Part No.	Inlet
RL37	3/8" NPT-F

- 4,500 PSI Rated Pressure
- 10.5 GPM Max Flow
- 320°F Max Temperature
- 1/4" NPT-F Outlet - RL37



G250EZ - COMPENSATING GUN

Part No.	Inlet
G250EZ	3/8" NPT-F

- 4,500 PSI Rated Pressure
- 10.5 GPM Max Flow
- 320°F Max Temperature
- 1/4" NPT-F Outlet
- Ergonomic design reduces strain during use
- Lever fitted with Safety Latch to prevent involuntary actions



RL84 - SPRAY GUN

Part No.	Inlet
RL84	3/8" BSP-F

- 7,250 PSI Max Pressure
- 21.0 GPM Max Flow
- 210°F Max Temperature
- 1/2" BSP-F Outlet



G280L - HIGH VOLUME LINEAR GUN

Part No.	Inlet
G280L	1/2" NPT-F

- 4,500 PSI Rated Pressure
- 32.0 GPM Max Flow
- 320°F Max Temperature
- 1/2" NPT-F Outlet



G85LN - LINEAR GUN

Part No.	Inlet
G85LN	3/8" NPT-F

- 4,500 PSI Rated Pressure
- 10.5 GPM Max Flow
- 320°F Max Temperature
- 1/4" NPT-F Outlet



RL51 - COMPENSATING GUN

Part No.	Inlet
RL51	3/8" NPT-F

- 3,650 PSI Rated Pressure
- 13.2 GPM Max Flow
- 320°F Max Temperature
- 1/4" NPT-F Outlet



WASHDOWN GUN ASSEMBLY (RL36)

Part No.	Inlet	Nozzle Size
30158520P	3/8" NPT-F	2mm (#12)

- 3,650 PSI Rated Pressure
- 8.0 GPM Max Flow
- 195°F Max Temperature
- Lance Length: 37"



WASHDOWN GUN ASSEMBLY (RL51)

Part No.	Inlet	Nozzle Size
30414530P	3/8" NPT-F	3mm (#25)

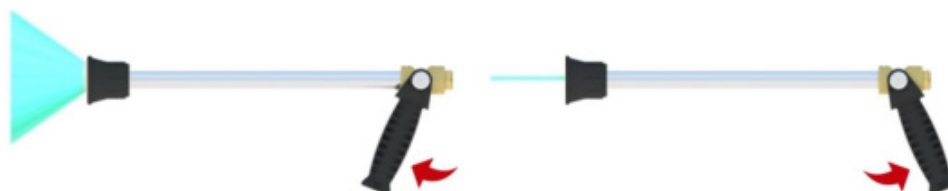
- 3,650 PSI Rated Pressure
- 10.5 GPM Max Flow
- 195°F Max Temperature
- Lance Length: 37"



WASHDOWN GUN ASSEMBLY (RL34)

Part No.	Inlet	Nozzle Size
30292835P	1/2" NPT-F - SW	3.7mm (#35)

- 2,600 PSI Rated Pressure
- 21.0 GPM Max Flow
- 110°F Max Temperature
- Lance Length: 33"



ECONOMICAL STAINLESS STEEL LANCES

Part No.	Length	Grip
L6	48"	Rectangular

- 4,000 PSI Max Pressure
- 1/4" NPT-M Inlet/ Outlet



STAINLESS STEEL EXTENSION LANCES

Part No.	Length	Compatible With
30500092P	50"	RL84 & RL204

- 7,250 PSI Max Pressure
- 26.5 GPM Max Flow
- 230°F Max Temperature
- 1/2" BSP-M Inlet
- 1/4" NPT-F Outlet

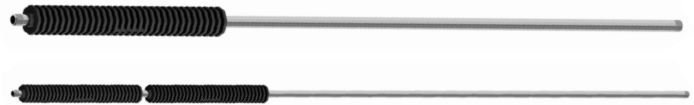


Stainless Steel

PA ZINC PLATED SINGLE LANCES

Part No.	Length	Grip
40790222P	35.4"	Single Round
40851122P	59"	Double Round

- 4,050 PSI Max Pressure
- 10.5 GPM Max Flow
- 320°F Max Temperature
- 1/4" BSP-M Inlet
- 1/4" BSP-M Outlet



QUICK CONNECT - 1/4 | 1/8 NOZZLES

Ordering Info: Part No. + Spray Angle + Orifice Size = Ex. PWQC1502				
Part No.	Connection	Spray Angle	Orifice Size	Material
PWQC	Quick Connect	0°, 15°, 25°, 40°	02 to 09	Hardened SS insert in a SS body
PW1/4M	1/4" NPT-M			

- 5,000 PSI Max Pressure
- GPM based on Orifice Size
- * See Nozzle Chart on PG 19 *



UR25 ROTATING NOZZLE

Part No.	Orifice Size
UR25	03, 035, 04, 045, 05, 055, 06, 065, 07, 08

- 3,650 PSI Max Pressure
- 1,150 PSI Min Pressure
- 212°F Max Temperature
- 1/4" BSP-F Inlet
- 14.46 oz Weight



UR35 ROTATING NOZZLE

Part No.	Orifice Size
UR35	02, 03, 035, 04, 045, 05, 055, 06, 065, 08, 09, 10, 12, 20

- 5,000 PSI Max Pressure
- 194°F Max Temperature
- 1/4" NPT-F Inlet
- 25.5 oz Weight



URHX ROTATING NOZZLE

Part No.	Orifice Size
URHX2	04, 06, 08, 10, 12

- 3,000 PSI Max Pressure
- 1,000 PSI Min Pressure
- 180°F Max Temperature
- 1/2" NPT-F Inlet
- Nozzle & Seat - Tungsten Carbide
- Nozzle Body - 303 Stainless Steel
- High Density Polyethylene Coated
- Integrated Inlet Mesh Filter
- Low Vibration
- 17.6 oz Weight

Stainless Steel
Tungsten Carbide



A commonly used standard for nozzle size is the “nozzle number” which is equivalent to the nozzle capacity in GPM at a specific PSI. Spray angle does not effect nozzle volume.

Size	Orifice Diameter	Pressure (PSI)																														
		inches	mm	5	10	20	30	40	100	250	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000	5500	6000	6500	7000	7500
1	0.026	0.66		0.04	0.05	0.07	0.09	0.10	0.16	0.25	0.35	0.43	0.50	0.56	0.61	0.66	0.71	0.74	0.79	0.83	0.87	0.90	0.94	0.97	1.00	1.06	1.12	1.17	1.22	1.27	1.32	1.37
1.5	0.031	0.79		0.05	0.08	0.11	0.13	0.15	0.24	0.38	0.53	0.65	0.75	0.84	0.92	0.99	1.06	1.11	1.19	1.24	1.30	1.35	1.40	1.45	1.50	1.59	1.68	1.76	1.84	1.91	1.98	2.05
2	0.034	0.86		0.07	0.10	0.14	0.17	0.20	0.32	0.50	0.71	0.87	1.00	1.12	1.22	1.32	1.41	1.48	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24	2.35	2.45	2.55	2.65	2.74
2.5	0.039	0.99		0.09	0.13	0.18	0.22	0.25	0.40	0.63	0.88	1.08	1.25	1.40	1.53	1.65	1.77	1.85	1.98	2.07	2.17	2.25	2.34	2.42	2.50	2.65	2.80	2.93	3.06	3.19	3.31	3.42
3	0.043	1.09		0.11	0.15	0.21	0.26	0.30	0.47	0.75	1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.22	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35	3.52	3.67	3.82	3.97	4.11
3.5	0.048	1.22		0.12	0.18	0.25	0.30	0.35	0.55	0.88	1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.60	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91	4.10	4.29	4.46	4.63	4.79
4	0.050	1.27		0.14	0.20	0.28	0.35	0.40	0.63	1.00	1.41	1.73	2.00	2.24	2.45	2.65	2.83	2.97	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47	4.69	4.90	5.10	5.29	5.48
4.5	0.055	1.40		0.16	0.23	0.32	0.39	0.45	0.71	1.13	1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.34	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03	5.28	5.51	5.74	5.95	6.16
5	0.057	1.45		0.18	0.25	0.35	0.43	0.50	0.79	1.25	1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.71	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59	5.86	6.12	6.37	6.61	6.85
5.5	0.060	1.52		0.19	0.28	0.39	0.48	0.55	0.87	1.38	1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.08	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15	6.45	6.74	7.01	7.28	7.53
6	0.062	1.57		0.21	0.30	0.42	0.52	0.60	0.95	1.50	2.12	2.60	3.00	3.35	3.67	3.97	4.24	4.45	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71	7.04	7.35	7.65	7.94	8.22
6.5	0.064	1.63		0.23	0.33	0.46	0.56	0.65	1.03	1.63	2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.82	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27	7.62	7.96	8.29	8.60	8.90
7	0.067	1.70		0.25	0.35	0.49	0.61	0.70	1.11	1.75	2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.19	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83	8.21	8.57	8.92	9.26	9.59
7.5	0.071	1.80		0.27	0.38	0.53	0.65	0.75	1.19	1.88	2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.56	5.93	6.22	6.50	6.77	7.02	7.26	7.50	7.95	8.39	8.79	9.19	9.56	9.92	10.27
8	0.072	1.83		0.28	0.40	0.57	0.69	0.80	1.26	2.00	2.83	3.46	4.00	4.47	4.90	5.29	5.66	5.93	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94	9.38	9.80	10.20	10.58	10.95
8.5	0.074	1.88		0.30	0.43	0.60	0.74	0.85	1.34	2.13	3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.30	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50	9.97	10.41	10.84	11.24	11.64
9	0.076	1.93		0.32	0.45	0.64	0.78	0.90	1.42	2.25	3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.67	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06	10.55	11.02	11.47	11.91	12.32
9.5	0.078	1.98		0.34	0.48	0.67	0.82	0.95	1.50	2.38	3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.05	7.51	7.88	8.23	8.56	8.89	9.20	9.50	10.08	10.62	11.14	11.64	12.11	12.57	13.01
10	0.080	2.03		0.35	0.50	0.71	0.87	1.00	1.58	2.50	3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.42	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18	11.73	12.25	12.75	13.23	13.69
11	0.083	2.11		0.39	0.55	0.78	0.95	1.10	1.74	2.75	3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.16	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30	12.90	13.47	14.02	14.55	15.06
12	0.087	2.21		0.42	0.60	0.85	1.04	1.20	1.90	3.00	4.24	5.20	6.00	6.71	7.35	7.94	8.49	8.90	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42	14.07	14.70	15.30	15.87	16.43
12.5	0.089	2.26		0.44	0.63	0.88	1.08	1.25	1.98	3.13	4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.27	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98	14.66	15.31	15.93	16.54	17.12
13	0.091	2.31		0.46	0.65	0.92	1.13	1.30	2.06	3.25	4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.64	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53	15.24	15.92	16.57	17.20	17.80
14	0.093	2.36		0.49	0.70	0.99	1.21	1.40	2.21	3.50	4.90	6.06	7.00	7.83	8.57	9.26	9.90	10.38	11.07	11.61	12.12	12.62	13.10	13.56	14.00	14.85	15.65	16.42	17.15	17.85	18.52	19.17
15	0.096	2.44		0.53	0.75	1.06	1.30	1.50	2.37	3.75	5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.12	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77	17.59	18.37	19.12	19.84	20.54
20	0.109	2.77		0.71	1.00	1.41	1.73	2.00	3.16	5.00	7.07	8.66	10.00	11.18	12.25	13.23	14.14	14.83	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36	23.45	24.49	25.50	26.46	27.39
25	0.125	3.18		0.88	1.25	1.77	2.17	2.50	3.95	6.25	8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.54	19.76	20.73	21.65	22.53	23.39	24.21	25.00	26.52	27.95	29.32	30.62	31.87	33.07	34.23
30	0.141	3.58		1.06	1.50	2.12	2.60	3.00	4.74	7.50	10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.25	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54	35.18	36.74	38.24	39.69	41.08
35	0.152	3.86		1.24	1.75	2.47	3.03	3.50	5.53	8.75	12.37	15.16	17.50	19.57	21.43	23.15	24.75	25.96	27.67	29.02	30.31	31.55	32.74	33.89	35.00	37.12	39.13	41.04	42.87	44.62	46.30	47.93
40	0.156	3.96		1.41	2.00	2.83	3.46	4.00	6.32	10.00	14.14	17.32	20.00	22.36	24.49	26.46	28.28	29.66	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72	46.90	48.99	50.99	52.92	54.77
45	0.173	4.39		1.59	2.25	3.18	3.90	4.50	7.12	11.25	15.91	19.49	22.50	25.16	27.56	29.76	31.82	33.37	35.58	37.31	38.97	40.56	42.09	43.57	45.00	47.73	50.31	52.77	55.11	57.36	59.53	61.62
50	0.172	4.37		1.77	2.50	3.54	4.33	5.00	7.91	12.50	17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.08	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90	58.63	61.24	63.74	66.14	68.47
55	0.179	4.55		1.94	2.75	3.89	4.76	5.50	8.70	13.75	19.45	23.82	27.50	30.75	33.68	36.38	38.89	40.79	43.48	45.60	47.63	49.58	51.45	53.25	55.00	58.34	61.49	64.49	67.36	70.11	72.76	75.31
60	0.188	4.78		2.12	3.00	4.24	5.20	6.00	9.49	15.00	21.21	25.98	30.00	33.54	36.74	39.69	42.43	44.50	47.43	49.75	51.96	54.08	56.12	58.09	60.00	63.64	67.08	70.36	73.48	76.49	79.37	82.16
70	0.281	7.14		2.47	3.50	4.95	6.06	7.00	11.07	17.50	24.75	30.31	35.00	39.13	42.87	46.30	49.50	51.91	55.34	58.04	60.62	63.10	65.48	67.78	70.00	74.25	78.26	82.08	85.73	89.23	92.60	95.85
80	0.297	7.54		2.83	4.00	5.66	6.93	8.00	12.65	20.00	28.28	34.64	40.00	44.72	48.99	52.92	56.57	59.33	63.25	66.33	69.28	72.11	74.83	77.46	80.00	84.85	89.44	93.81	97.98	101.98	105.83	109.54
90	0.316	8.03		3.18	4.50	6.36	7.79	9.00	14.23	22.50	31.82	38.97	45.00	50.31	55.11	59.53	63.64	66.75	71.15	74.62	77.94	81.12	84.19	87.14	90.00	95.46	100.62	105.53	110.23	114.73	119.06	123.24
105	0.335	8.50		3.71	5.25	7.42	9.09	10.50	16.60	26.25	37.12	45.47	52.50	58.70	64.30	69.45	74.25	77.87	83.01	87.06	90.93	94.65	98.22	101.67	105.00	111.37	11					

BLACK 4000PSI

Part No.	Pressure	Length
HWN50	4,000 PSI	50'
HWN75		75'
HWN100		100'

- 250°F Max Temperature
- Inlet 3/8" NPT-M Solid
- Outlet 3/8" NPT-M Swivel
- Steel Wire Braid
- Smooth Wrap
- 3:1 Burst Ratio
- Inner Diameter 3/8"
- Outer Diameter .68"
- Minimum Bend Radius 5"
- Bend Restrictors (6" length)



RAMEX - SPRING REWIND

Part No.	Capacity	ID
HR1000FE	50'	1/2"
HR3500FE	115'	

- 3,500 PSI Max Pressure
- 280°F Max Temperature
- 1/2" M Inlet
- 1/2" F Outlet
- Powder Coated Steel
- Hose Bumper Included



RAMEX - STAINLESS STEEL SPRING REWIND

Part No.	Capacity	ID
HR1000	50'	1/2"
HR3500	115'	

- 3,500 PSI Max Pressure
- 280°F Max Temperature
- 3/8" M Inlet
- 3/8" F Outlet
- 304 Stainless Steel
- Hose Bumper Included

Stainless Steel



1500 SERIES - MANUAL OR POWER HOSE REEL

Part No.	Capacity	ID
15141718	75'	3/8"
15201718	175'	
15261718	300'	
15301718	375'	
15361718	475'	

- 3,000 PSI Max Pressure
- 400°F Max Temperature
- 1/2" NPT-F Inlet/Outlet
- Handles Hose ID 1/4" up to 5/8"
- Specify Voltage for Power Hose Reel
 - E12V - 12 Volt No Switch
 - E24V - 24 Volt No Switch
 - E115V - 115 Volt No Switch
 - HD - Hydraulic
 - A - Air



N700 - SPRING REWIND

Part No.	Capacity	ID
N71614168C	25'	3/8"
N7161617CSR	35'	3/8"
N7161920J	50'	3/8"
N7162324J	65'	3/8"
N7162324G	100'	1/2"
N7162526B	75'	3/8"
N7182526G	100'	3/8"
718302120D	150'	3/8"

- 3,000 PSI Rated Pressure
- 250°F Max Temperature
- 1/2" NPT-F Inlet/Outlet



GLYCERIN FILLED BOTTOM MOUNT

Part No.	Pressure Range
025FF05000WT	0 to 5000 PSI
025FF10000WT	0 to 10000 PSI

- 2-1/2" Diameter
- 1/4" NPT-M Bottom Connection
- Brass Internals
- Glycerin Filled



GLYCERIN FILLED BACK MOUNT

Part No.	Pressure Range
025FFBC05000WT	0 to 5000 PSI
025FFBC10000WT	0 to 10000 PSI

- 2-1/2" Diameter
- 1/4" NPT-M Back Connection
- Brass Internals
- Glycerin Filled



FUEL PRESSURE/ TEMPERATURE GAUGES

Part No.	Description	For Dynablast Model
HWFI30025-250	Temp Gauge - 400°F Rated Temperature 1/2" NPT-M Connection	All Models
HWHEPFQ907	Fuel Pressure Gauge - Bottom Mount - 1/4" NPT-M Connection	200, 300, 420 Models
HWHEPFQ907R1	Fuel Pressure Gauge - Back Mount - 1/4" NPT-M Connection	590, 690, 700, 900 Models



Fuel Pressure Gauge



Temperature Gauge

IFC BRONZE Y STRAINER & REPLACEMENT PARTS

Part No.	Ports NPT	SS Mesh	Drain Port Size
YT125B0075011	3/4" NPT-F	50 SS	3/8"
YT125B0100011	1" NPT-F	50 SS	1/2"
YT125B0150011	1 1/2" NPT-F	50 SS	1/2"
YT125B0200011	2" NPT-F	50 SS	1/2"
Part No.	Description		Use On
SCREEN/Y125TBT/1"	Replacement screen 50 mesh 1"		YT125B0100011
TEFGASY125TBT/1"	Replacement gasket 1"		YT125B0100011
SCREEN/Y125TBT/1 1/2"	Replacement screen 50 mesh 1 1/2"		YT125B0150011

- 200 PSI Max Pressure
- 400°F Max Temperature



FML01T/FML02T FOAM LANCE WITH TANK

Part No.	Description
FML01T	Foamer with 1L Tank
FML02T	Foamer with 2L Tank

- 2,900 PSI Max Pressure
- 6.5 GPM Max Flow
- 140°F Max Temperature
- 1/4" BSP-F Inlet
- 1.5 mm Injector
- Replacement 1L tank 14650625P
- Replacement 2L tank 14650700P
- Pressed Strainer



ENGINEERING INFORMATION

STANDARD INLET PLUMBING "RULES OF THUMB"

- Water flow rate supplied to the pump should be twice the flow rate of the pump.
- Inlet filtration oversized 2 times the pump volume
- Smooth plumbing. (no elbows or tees)
- Minimized suction line length.
- All inlet plumbing to be at least 1 size larger than the inlet of the pump.
- Water inlet flow to enter on one side of the pump only.
- Inlet hose to be flexible noncollapsible hose.
- All connections must be airtight.
- Bypass hose must be flexible hose, not wire braided pressure hose.
- Bypass hose can be oversized, and returned back to tank whenever possible.
- Bottom Inlet Port on TPU1040, UTP2140 should not be used.

PRESSURE LOSS (PSI PER 100 FEET OF HOSE)

Water Flow in US Gal./Min	Actual Internal Diameter (inches)											
	1/4	5/16	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	2	2 1/2	3
0.5	16	5	2									
1	54	20	7	2								
2	180	60	25	6	2							
3	380	120	50	13	4	2						
4		220	90	24	7	3						
5		320	130	34	10	4						
6			220	52	16	7	1					
8			300	80	25	10	2	1				
10				120	38	14	3	2	1			
15				250	80	30	7	4	2			
20					120	50	12	6	3	1		
25					200	76	19	9	4	1		
40					410	162	42	15	6	2	1	
60							93	32	13	3	1	
70						370	126	43	18	4	1	1
80								55	23	5	2	1
90								68	28	7	2	1
100								82	34	8	3	1
125								124	51	12	4	2
150									72	18	7	2

BOILER REPAIR PARTS

BURNER ASSEMBLIES, MOTORS & BLOWER WHEELS,
FUEL PUMPS, PARTS & ACCESSORIES

Dynablast

BURNER ASSEMBLIES

Part No.	Description	For Dynablast Model
HWHEEP609	ADC Burner - F12 Head - 1.0070A Nozzle with Primary Control	200 Model
HWHEEP607	ADC Burner - F12 Head - 1.7580A Nozzle with Primary Control	300 Model
HWHEEP608	ADC Burner - F22 Head - 2.2580A Nozzle with Primary Control	420 Model
HWHEEP1101	SDC Burner - F310 Head - 3.5080A Nozzle with Primary Control	590 Model
HWHEEP1102	SDC Burner - F310 Head - 4.0080A Nozzle with Primary Control	690 Model
HWHEEP1103	EH Burner - 4.5080B Nozzle with Primary Control	700 Model
HWHEEP1104	CF800 Burner - 51357P Head - 5.0080B Nozzle with Primary Control	900 Model



BURNER MOTORS

Part No.	Description	For Dynablast Model
HW52145U	ADC 1/7HP 13.5VDC (Fan/Motor/Coupling)	13.5VDC, Heater Models 420,000 BTU or lower
HW52146U	SDC 1/4HP 13.5VDC (Fan/Motor/Coupling)	13.5VDC, Heater Models 590,000 BTU and Higher
HWHE21126	Wayne EH Burner Motor	HV700F & FLS
HWHE21341U	CF800 - Burner Motor	900 Model



BURNER BLOWER WHEEL

Part No.	Description	For Dynablast Model
HW21404	ADC Burner	200, 300 420 Models
HW2383U	SDC Burner	590, 690 Models
HWHE21854	EH Burner	700 Model
HWHE21339U	CF800 Burner	900 Model



FUEL PUMPS, PARTS & ACCESSORIES

Part No.	Description	For Dynablast Model
HW2184402U	12V Fuel Pump	200, 300 420 Models
HW2591		590, 690 Models
HWHE14375	120V Fuel Pump	700 Model
HWHE21369U	Wayne EH Burner Fuel Pump	HV700F & FLS
HW21754U	12V Fuel Pump Solenoid	200, 300 420 Models
HW21441		590, 690 Models
HW100610-001	Wayne Burner Fuel Solenoid	HV700FLS, HV700F
HWHE2182602U	120V Fuel Pump Solenoid	900 Model
HW21877U	Valve Stem - Fits PF103	Beckett Oil Burner Fuel Pumps
HW21807U	12V Fuel Solenoid Harness 13"	Beckett Fuel Pumps



FUEL NOZZLES

Part No.	Description	For Dynablast Model
HW10090A	Fuel Nozzle	200 Model
HW17580A		300 Model
HW22580A		420 Model
HW3.5080A		590 Model
HW4.080A		690 Model
HW4.580B		700 Model
HW50080B		900 Model



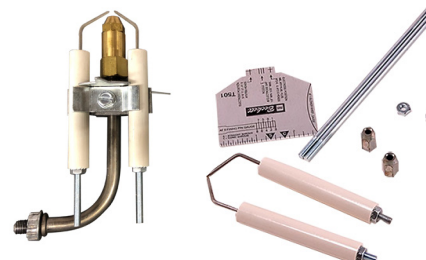
FUEL FILTERS

Part No.	Description	For Dynablast Model
HWHE140RF	Parker Fuel Filter Element	HV, CAB Heaters
HWHE140R	Parker Fuel Filter Housing & Element	HV, CAB Heaters
HWHEFF25	Dynablast Fuel filter complete	HV, CAB Heaters
HWHEFF25ELM	Dynablast Fuel filter element only	HV, CAB Heaters



ELECTRODE INSULATOR ASSEMBLIES

Part No.	Description	For Dynablast Model
HW5780	Electrodes F Head up to 9"	AF, AFG
HWHE13286	Electrodes Wayne EH Burner	HV700F & FLS
HWHE51345	Electrode Set of 2	900 Models
HWHENL44XPDC	12V Electrode Nozzle Assembly with Electrodes	200, 300 420 Models
HWNL44NJ	Electrode Gun Assembly Only	590, 690 Models



BURNER MOTOR DRIVE COUPLER

Part No.	Description	For Dynablast Model
HWHE21405	Burner Motor Drive Coupler	200, 300 420 Models
HW2433	Flex Coupling 5/16 A	Beckett Burners
HW2154101U	SDC Burner Coupling	HV590, HV690F & FLS
HWHE13279	Wayne EH Burner Coupling	HV700F & FLS



PRIMARY CONTROLS

Part No.	Description	For Dynablast Model
HW7505A0000U	120VAC Primary Control	HV700, HV900 F & FLS (Needs 220OHM, 2 Watt Resistor)
HWELCR2202W	Resistor for Use on 120V Model only	All 120V Models Only



BOILER REPAIR PARTS

IGNITION TRANSFORMERS, TEMPERATURE DEVICES,
FLOW SWITCHES & PRESSURE RELIEF VALVES

Dynablast

IGNITION TRANSFORMERS

Part No.	Description	For Dynablast Model
HW5218301U	12V Ignition Transformer	200, 300 420, 590, 690 Models
HWHE5218303		590, 690 Models
HWHE51827U		700 Model
HWHE51824U	120V Ignition Transformer	900 Model
HW7006U	CAD Cell	All Fuel Oil Fired Hot Water Models
HW32944001	Ferrite for Use on 12V Model Only	All 12V Models only



THERMOSTATS & TEMPERATURE DEVICES

Part No.	Description	For Dynablast Model
HWTR86	Hot Water 230F (12V Models)	200, 300 420, 590, 690 Model
HWTR93	Hot Water 230F (12V Models)	200, 300 420, 590, 690 Model
HWTR90	Hot Water 230F (12V Models) with SCH 160 Coils	420, 690 Model
GP100439	Steam 325F (12V Models)	690, 700 Model
HWMC7211LED	Hot Water (230F) and Steam 325F (12V Models) 120V	700, 900 Model
HWELATS7799-1IN	Thermocouple works with HWMC7211LED	700, 900 Model
HWELATS7799-RTD	Thermocouple	420HMI Model
HWT44110NL	Hot Water High Limit Switch 230F	All Hot Water Models
HWELT44165	Steam High Limit Switch 325F	All Steam Models
HWELNATTD18125RWL	Hot Water High Limit Switch 125F	Specialty Models
HWELNATTD18170RWL	Hot Water High Limit Switch 170F	Specialty Models
HWELNATTD18200RWL	Hot Water High Limit Switch 200F	Specialty Models
HWEL8036297	Dual Temp switch	Specialty Models



FLOW SWITCHES

Part No.	Description	For Dynablast Model
HWST6	8 GPM Max, 1 GPM Min 3/8" Brass 4000 PSI Rated	200 Model
GP103011	16 GPM Max, 0.75 GP Min 3/8" Brass 4000 PSI Rated	300 420, 590, 690, 700, 900 Model
FL7SS	16 GPM Max, 1.06 GPM Min 3/8" SS 7300 PSI Rated	300 420 Model
FL12	26.4 GPM Max, 4 GP Min 3/4" Brass 4000 PSI Rated	590, 690, 700, 900 Model
HWELA11ASQ	Relay for use with FL7SS/ FL12	420, 690 Model



303 SS

PRESSURE RELIEF VALVES

Part No.	Description	For Dynablast Model
HWPURV500B	Pressure Relief Valve - Boiler SCH80 Coil	200, 300 420 Model
GP100984		590, 690, 700, 900 Model
GP100726		420 Model
60520000P	Pressure Relief Valve - Boiler SCH160 Coil	690, 700 Model
HWSSAA110-318-700	Pressure Relief Valve - Boiler Steam	690, 700 Model



COIL & INSULATION KITS

Part No.	Description	For Dynablast Model
HW40052V	Coil SCH80	200 Model
HW40195	Insulation Kit (Recommended When Buying a New Coil)	200 Model
HW40055HV	Coil SCH80	300 Model
HW40201H	Insulation Kit (Recommended When Buying a New Coil)	300 Model
HW40165DCT	Coil SCH80	420 Model
HW40201E	Insulation Kit (Recommended When Buying a New Coil)	420 Model
HW40259	Coil SCH80	590 Model
HW40259KIT	Insulation Kit (Recommended When Buying a New Coil)	590 Model
HW40209	Coil SCH80	690, 700 Models
HW40210	Coil SCH80	900 Model
HW40209KIT	Insulation Kit (Recommended When Buying a New Coil)	690, 700, 900 Models
HW40165DCTHP	Coil SCH160	420 Model
HW40209HP	Coil SCH160	690, 700 Models



CONTROL BOX SWITCHES & CONTROLS

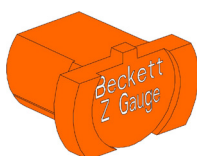
Part No.	Description	For Dynablast Model
HWELVIDAB6011RZ	Rocker Switch ON / OFF	200, 300, 420 Models
HWELVV1DABCOBAMC		590, 690 Models
HWEL2602-11E		700, 900 Models
HWELPBMC	Push Button Switch - Complete Kit	200, 300, 420, 590, 690, 700, 900 Models
HWEL18235-12V	Voltmeter 12V	590, 690 Models
HWEL18235	Voltmeter 120V	700, 900 Models
HWELT61	Hour Meter 12V	200, 300, 420, 590, 690 Models
HWELGO-891-204	Hour Meter 120V	700, 900 Models
HWELW58XB1A4A-25	Circuit Breaker (25AMP)	200, 300, 420, 590, 690 Models
HWELW58XB1A4A-15	Circuit Breaker (15AMP)	700, 900 Models
HWEL2194A128V	12VDC Light	200, 300, 420, 590, 690 Models
HWELKS3250	120VAC Light	700, 900 Models
HW40209HP	Coil SCH160	690, 700 Models



BURNER TOOL

Part No.
HWZ2000U

- Beckett Z Gauge for use on all Beckett Burners



CONTRACTOR TOOL

Part No.
HW52082U

- Beckett Contractor Tool for use on Beckett Primary Controls



BURNER MOTOR GASKETS

Part No.	Description	For Dynablast Model
HW3616	Beckett Round Gasket for Top Burner Flange ADC/SC	200, 300, 420, 690 Models
HW3380	Beckett Square Gasket for Bottom Burner Flange ADC/SC	200, 300, 420, 690 Models
HWHE12484	Wayne EH Burner Gasket for HV700F	700 Model



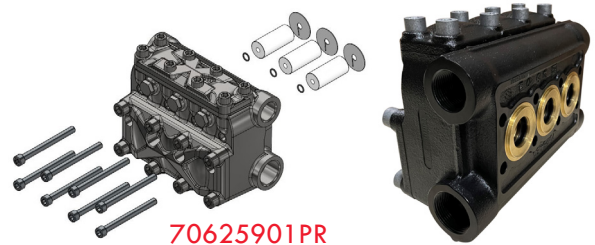
PUMP PACKING SEAL KITS

Part No.	Description	Qty. Req. Per Pump	For Pump Model
RKI285	Packing Seals Only	1	ES2012S
RKI290	Packing Seals with Brass Retainers	3	ES2012S
RKI069	Packing Seals Only	1	TS2021BN
RKI028	Packing Seals with Brass Retainers	3	TS2021BN
RKI181	Packing Seals Only	1	T1750
RKI182	Packing Seals with Brass Retainers	3	T1750
RKI172	Packing Seals Only	1	T2040
RKI173	Packing Seals with Brass Retainers	3	T2040
KIT2006IPR	Packing Seals Only	1	KT24
KIT2008IPR			KT28
KIT2229PR			KT20
KIT2230PR			KT22
KIT2014IPR			KF28
KIT2024IPR			HF18
KIT2028IPR			HF25
KIT2066PR			KS32
KIT2139PR			MW45
KIT2163PR			MWR45
KIT2047IPR			MKS65
KIT2104PR			MKSR65
KIT2528IPR			KTX24
KIT2493IPR			KTX28
KIT2535PR			KFR25



PUMP MANIFOLDS

Part No.	Description	For Pump Model
70126815PR	Manifold Only	KT28
70625201PR	Complete Dressed Manifold	KT28
70625601PR	Complete Dressed Manifold	KT22
70626001PR	Complete Dressed Manifold w/ Plungers	KTX24
70625901PR	Complete Dressed Manifold w/ Plungers	KTX28



PUMP VALVE KITS

Part No.	Description	Qty. Req. Per Pump	For Pump Model
RKI269	Valve Kit	1	ES2012S
RKI001			TS2021BN
RKI169			T1750 / T2040
KIT2246PR			KT24 / KT28
KIT2022IPR	Valve Kit - Inlet		KT20 / KT22 / HF25
KIT2023IPR	Valve Kit - Outlet		KT20 / KT22 / HF18 / HF25
KIT2012IPR	Valve Kit - Inlet		KF28
KIT2013IPR	Valve Kit - Outlet		KF28
KIT2031IPR	Valve Kit - Inlet		HF18
KIT2012IPR			KS32
KIT2013IPR	Valve Kit - Outlet		KS32
KIT2142PR	Valve Kit - Inlet		MKS45 / MKSR45
KIT2062PR	Valve Kit - Outlet		MKS45 / MKSR45
KIT2048PR	Valve Kit - Inlet & Discharge		MKS65 / MKSR65
KIT2246PR	Valve Kit - Inlet & Discharge		KTX24/ KTX28
KIT2012IPR	Valve Kit - Inlet		KFR25
KIT2013IPR	Valve Kit - Outlet	KFR25	



PUMP OIL SEALS

Part No.	Description	Qty. Req. Per Pump	For Pump Model
RKI271	Oil Seals	1	ES2012S
90162500I		3	TS2021BN / T1750 / T2040
90167700I			KT24 / KT28 / KT20 / KT22
90167800I			KF28 / HF18 / HF25 / KS32
90168500PR			MKS45 / MKSR45
90167900PR			MKS65 / MKSR65
90167700I			KT24 / KT28
90167800I			KFR25



COMPLETE PUMP SEAL KITS

Part No.	Description	Qty. Req. Per Pump	For Pump Model
KIT2233PR	Pump Overhaul Kit consisting of all O-Rings, Packings, and Oil Seals	1	KT20
KIT2234PR			KT22
KIT2250PR			KT24
KIT2251PR			KT28
KIT2015IPR			KF28
KIT2025IPR			HF18
KIT2029IPR			HF25
KIT2070IPR			KS32
KIT2147PR			MW45
KIT2167PR			MWR45
KIT2051PR			MKS65
KIT2107PR			MKSR65
KIT2529IPR			KTX24
KIT2496IPR			KTX28
KIT2536PR			KFR25



PUMP PLUNGERS

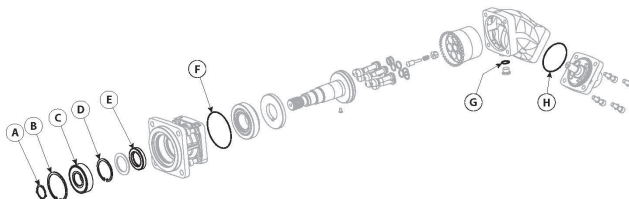
Part No.	Description	Qty. Req. Per Pump	For Pump Model
59040009I	20mm Ceramic Plungers	3	ES2012S
47040409I			TS2021BN
66040409I	24mm Ceramic Plungers		T1750
66040109I	22mm Ceramic Plungers		T2040
70040209IPR	24mm Ceramic Plungers		KT24
70040309PR	28mm Ceramic Plungers		KT28
70040009IPR	20mm Ceramic Plungers		KT20
70040109IPR	22mm Ceramic Plungers		KT22
71040609PR	28mm Ceramic Plungers		KF28
71040009PR	18mm Ceramic Plungers		HF18
71040209I	25mm Ceramic Plungers		HF25 / KFR25
72040009PR	32mm Ceramic Plungers		KS32
73040309IPR	45mm Ceramic Plungers		MKS45 / MKSR45
74040509IPR	65mm Ceramic Plungers		MKS65 / MKSR65
70040209IPR	24mm Ceramic Plungers		KTX24
70040309PR	28mm Ceramic Plungers		KTX28



FOX PISTON HYDRAULIC MOTOR REPAIR KITS

Part No.	Description
34245901PR	Interpump Fox 34CC & 47CC Hydraulic Motor Repair Kit
34241801PR	Interpump Fox 64CC & 84CC Hydraulic Motor Repair Kit
34241901PR	Interpump Fox 110CC & 130CC Hydraulic Motor Repair Kit

Kit includes all bolded components in the diagram to the right with a call-out





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