



DIESEL FIRED WATER HEATERS



Model	CAB420FLS-12V
Coil	½" Schedule 80
Burner	Beckett ADC 12V
Fuel Consumption	3.06 GPH
Coil Water Discharge	Top
Temperature Gauge	Yes
Dimensions	24" x 24" x 62.5"
Weight	625 lbs

CAB420FLS-12V

- 5.0 GPM @ 140 ° F Heat Rise
- 420,000 BTU
- 14 gauge Steel Cabinet
- Polyester Powder Coat Paint
- Stainless Steel Hinges and Hardware
- Reversible Hinge Door
- Two Service Access Panels
- Gas Prop (door)
- Aluminium Discharge Cap



DESIGNED FOR HYDROVAC, MADE IN CANADA

HVLS Series



HV690FLS-12V



HV420F-12VLS



HV420F-12VLS(R)

HV420F-12VLS(R)

- 5.0 GPM @ 140° F Heat Rise
- 420,000 BTU
- Factory Optional Remote Wired Control Box (HV420F-12VLSR)

HV690FLS-12V

- 7.0 GPM @ 140° F Heat Rise
- 690,000 BTU
- HV12DPLS Control Box Included

HV700FLS

- 7.0 GPM @ 145° F Heat Rise
- 700,000 BTU
- HV120DPLS Control Box Included

HV900FLS

- 10.0 GPM @ 140° F Heat Rise
- 900,000 BTU
- HV120DPLS Control Box Included

NON STEAM MODELS ETL CERTIFIED

Model	HV420F-12VLS(R)	HV690FLS-12V	HV700FLS	HV900FLS
Coil	1/2" Schedule 80	3/4" Schedule 80	3/4" Schedule 80	3/4" Schedule 80
Burner	Beckett ADC 12V	Beckett SDC 12V	Wayne EH 120V	Beckett CF800 120V
Fuel Consumption	3.06 GPH	5.06 GPH	5.03 GPH	5.81 GPH
Coil Water Discharge	Top	Bottom	Bottom	Bottom
Fuel Pressure Gauge	No	Yes	Yes	Yes
High Pressure & Steam Operation Valves	No	No	No	No
Dimensions	24" x 24" x 50"	26" x 26" x 58"	26" x 26" x 58"	26" x 26" x 64"
Weight	375 lbs	780 lbs	780 lbs	880 lbs

All Heaters Fuel - No.1 or No.2

RUGGED DESIGN

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

SERVICE ABILITY

- Fuel Solenoid Valve Indicator
- Removable Service Access Panel
- Bottom Access on All Four Sides to Access Fuel Filter & Burner
- Raycor Fuel Filter
- Momentary Test, Flow & Thermostat



HV420F-12VR



HV420F-12V



HV700F

HV420F-12V

- 5.0 GPM @ 140° F Heat Rise
- 420,000 BTU
- Factory Optional Remote Wired Control Box (HV420F-12VR)

HV690F-12V

- 7.0 GPM @ 140° F Heat Rise
- 690,000 BTU
- HV12DP Control Box Included

HV700F

- 7.0 GPM @ 145° F Heat Rise
- 700,000 BTU
- HV120DP Control Box Included

HV900F

- 10.0 GPM @ 140° F Heat Rise
- 900,000 BTU
- HV120DP Control Box Included

STEAM MODELS ETL CERTIFIED

Model	HV420F-12V(R)	HV690F-12V	HV700F	HV900F
Coil	½" Schedule 80	¾" Schedule 80	¾" Schedule 80	¾" Schedule 80
Burner	Beckett ADC 12V	Beckett SDC 12V	Wayne EH 120V	Beckett CF800 120V
Fuel Consumption	3.06 GPH	5.06 GPH	5.03 GPH	5.81 GPH
Coil Water Discharge	Bottom	Bottom	Bottom	Bottom
Fuel Pressure Gauge	No	Yes	Yes	Yes
High Pressure & Steam Operation Valves	Yes	Yes	Yes	Yes
Dimensions	24" x 24" x 50"	26" x 26" x 58"	26" x 26" x 58"	26" x 26" x 64"
Weight	385 lbs	790 lbs	790 lbs	890 lbs

All Heaters Fuel - No.1 or No.2

HEATING COIL

- ½" or ¾" Schedule 80
- ASTM A53 Close Coiling Pipe
- Resistance Butt-Welded into Continuous Length
- 3500 PSI Hydrostatic Pressure Tested
- Vertically Fired

SAFETY

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



Certified UL1776
CSA B140-1-M89



HVF Series - Remote Box



HV120DPLS - Non Steam

- BTC-702 Thermostat
- Voltmeter
- Momentary Test, Flow & Thermostat
- Fuel Solenoid Valve Indicator
- Burner On/Off Control
- Hour Meter
- 120V



HV120DP - Steam

- BTC-702 Thermostat
- Voltmeter
- Momentary Test, Flow & Thermostat
- Fuel Solenoid Valve Indicator
- Burner On/Off Control
- High Pressure / Steam Control
- Hour Meter
- 120V



Quick Connect

Water tight electric quick-connect to ease heater installation. (120V models only)



HV12DPLS - Non Steam

- GP Thermostat
- Voltmeter
- Momentary Test, Flow & Thermostat
- Fuel Solenoid Valve Indicator
- Burner On/Off Control
- Hour Meter
- 12V



HV12DP - Steam

- GP Thermostat
- Voltmeter
- Momentary Test, Flow & Thermostat
- Fuel Solenoid Valve Indicator
- Burner On/Off Control
- High Pressure / Steam Control
- Hour Meter
- 12V

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