

DRYAIR INC.

606 Highway Drive St.Brieux, SK, Canada SOK 3V0 1-888-750-1700 www.dryair.ca	1095 N. Main Street Bowling Green,OH, USA 43402 Tel: 1-866-354-8546 www.dryair.us
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- Includes **600RTS** central heating module.
- Diesel #1 or 2 heating oil fuel source.
- Capable of heating/drying up to 20,000 ft.2 (1,858 M2)
Please note that heating/drying results may vary depending on ambient temperature, R-values, and building materials.
- Optional diesel generator package to meet your electrical power requirements on non-powered job sites.
- Fully enclosed trailer specifically designed to carry the **600RTS** central heating module and a storage compartment that holds portable heat exchangers, a manifold and all the required circulation hose.
- Rear drop down door also provides a ramp for easy access and handling of portable heat exchangers and hose.
- All system operations are controlled and monitored from the heat module control panel.
- Fluid circulation system is low pressure and atmospherically vented. There is no chance of an explosion or line burst due to pressure buildup.
- No special boiler certification required to operate the systems.
- Quick-connect hose couplers, "no-drain" fluid lines and a "rapid air elimination" feature ensures quick setup-and-go operation.



600RTS Standard System Package

1 Dryair 600RTS Central Heating Module	1
2 Enclosed trailer package	1
3 Portable heat exchanger, Model 80	2
4 Portable heat exchanger, Model 200	1
5 Fluid circulation line, 1 1/2" x 25', 1 1/2" Kam Lok.....	4
6 Fluid circulation line, 3/4" x 50', 3/4"QC	2
7 Fluid circulation line, 3/4" x 25', 3/4"QC	8
8 Six port Manifold	1
9 Flexible Duct Transition Cover	1

600RTS System Specs

Overall dimensions	195" L x 94" W x 96" H
.....	488cm L x 235cm W x 240cm H
GVW	6000 lbs (1,923 KG)
With generator	6500 lbs (2,377 KG)
GVW (Wet)	7500 lbs (3,402 KG)
With generator	8000 lbs (3,629 KG)

600RTS Component Specs

600RTS Central Heating Module

Burner	single stage, efficiency - 85%,
Fuel	diesel fuel / #1 or 2 heating oil
Fuel Filter	integral moisture and particulate fuel filter
Consumption	4.43US GPH (16.8 LPH)
Output capacity	*508,564 BTU/H (149 KW/H)
	<i>*Based on 140,000 BTU/Gallon and net efficiency of 85%</i>
Electrical	single phase, 230V, 60Hz, 15A
Heat exchanger	multi-pass water jacket
Temp. range	120°F to 200°F (49°C to 93°C)
Fuel tank capacity	250 US GAL.
Operating range at full output ..	56.4 hrs



Control & monitoring

Pump & temperature controls -

Full gauge panel

Circulation fluid temperatures & pressures, fuel pressures and 8-light system operation feature for easy system troubleshooting.

Combustion environment control system (CES)

Maintains optimum burner reliability & efficiency at a full range of ambient temperature conditions. Assures system operation in all conditions.

Fluid circ. system

Atmospherically vented, adjustable fluid temperature control, auto temperature bypass for heat exchanger protection, heat transfer fluid- non-toxic propylene glycol / water.

Circ. pump

Model 80 Portable Heat Exchangers

BTU output	80,187 BTU/H
CFM.....	900
Electrical	110 V: 3.7A

Model 200 Portable Heat Exchanger

BTU output.....	200,000BTU/H
CFM.....	2,500
Electrical	110 V: 12.7A

Transport Trailer

GVWR	12,000 lbs. (5,443 KG)
Deck	steel construction
Wheels	tandem axle, Torflex 0°, 15 x 6 - 8-hole wheels, S225/75-R15 load range D tires
Light hook-up...	6 pole connector
Brakes.....	electric with break-away switch
Hook-up.....	pintle hitch (standard), dual safety chains
Lockout jacks...	3-point

Storage Compartment

Steel frame & aluminum skin construction, curb-side access (hosehook up) & rear door ramp access (portable heat exchanger and hose storage).

Optional

Generator..... Multiquip, Model DA7000SS, 7Kw standby output, 6Kw prime output, 120/240V, 60Hz, single phase, water-cooled 11.9 HP Kubota Z482 diesel, electric start, CSA approved
 Generator..... Kubota BL 11000, 11Kw standby output, 10Kw Prime Output, 120/240 single phase, water-cooled, 16.3 HP Kubota 722 diesel, electric start