

SPECIFICATIONS — FAN MODELS

HEATER NUMBER	HEATER INPUT Btu/hr	GAS USAGE cu ft 1000 Btu/hr	HEATER OUTPUT Btu/hr	FAN RPM	MOTOR HP	GAS INLET INCHES	QUANTITY PER UNIT	APPROX. SHIPPING WEIGHT
LH 25	25,000	25	25,000	84	1/2	4.25	1	12
LH 50	50,000	50	50,000	167	1/2	8.50	1	12
LH 75	75,000	75	80,000	252	1/2	11.00	1	18
LH 100	100,000	100	100,000	333	1/2	14.00	1	18
LH 125	125,000	125	100,000	417	1/2	16.25	1	22
LH 150	150,000	150	110,000	500	1/2	18.50	1	22
LH 175	175,000	175	140,000	583	3/4	20.75	1	28
LH 200	200,000	200	165,000	667	3/4	23.00	1	30
LH 225	225,000	225	180,000	750	3/4	25.25	1	30
LH 250	250,000	250	200,000	833	3/4	27.50	1	30
LH 275	275,000	275	220,000	917	3/4	29.75	1	30
LH 300	300,000	300	240,000	1000	3/4	32.00	1	30

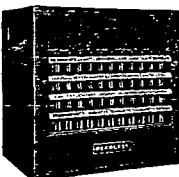
SPECIFICATIONS — BLOWER MODELS

HEATER NUMBER	HEATER INPUT Btu/hr	GAS USAGE cu ft 1000 Btu/hr	HEATER OUTPUT Btu/hr	BLOWER RPM	MOTOR HP	GAS INLET INCHES	QUANTITY PER UNIT	APPROX. SHIPPING WEIGHT
LH 25	25,000	25	25,000	84	1/2	4.25	1	12
LH 50	50,000	50	50,000	167	1/2	8.50	1	12
LH 75	75,000	75	80,000	252	1/2	11.00	1	18
LH 100	100,000	100	100,000	333	1/2	14.00	1	18
LH 125	125,000	125	100,000	417	1/2	16.25	1	22
LH 150	150,000	150	110,000	500	1/2	18.50	1	22
LH 175	175,000	175	140,000	583	3/4	20.75	1	28
LH 200	200,000	200	165,000	667	3/4	23.00	1	30
LH 225	225,000	225	180,000	750	3/4	25.25	1	30
LH 250	250,000	250	200,000	833	3/4	27.50	1	30
LH 275	275,000	275	220,000	917	3/4	29.75	1	30
LH 300	300,000	300	240,000	1000	3/4	32.00	1	30

Peerless

UNI-MATIC®
GAS-FIRED
UNIT HEATER

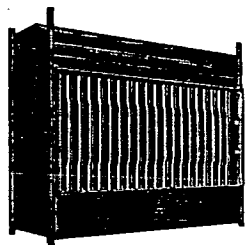
- Summer Fan Switch (optional)
- Automatic Fan Control
- Limit Switch
- Electric Solenoid Gas Valve
- Pilot Safety Valve
- Low Voltage Transformer (Not Supplied on Line Voltage Models)
- Pressure Regulator (Not Furnished on LP Gases)
- Manual Shut-Off Valve
- Aluminized Heat Exchanger



Peerless

UNI-MATIC® DUCT FURNACE

The Peerless Uni-matic duct furnace is furnished for use as the heating component of heating, heating/cooling, or make-up air systems. Air can be moved through the heater in either direction to place the control end access in the most desired position. Venting is interchangeable at the front, top, or rear. Controls and wiring connections are easily reached under the front of the unit. A.G.A. approval covers installation for both upstream or down-stream from cooling coils. Units are approved with modulating controls on Natural and L.P. gases as covered in the performance table. Drip pan is standard equipment.



SIDE BY SIDE
TANDEM

ORDERING NUMBER	INPUT Btu/hr	OUTPUT Btu/hr	EDR	FLUE SIZE	WEIGHT (lb)	GAS CONN
DF 50	50,000	40,000	167	4"	125	1/2
DF 75	75,000	60,000	252	5"	148	1/2
DF 100	100,000	80,000	333	6"	182	1/2
DF 125	125,000	100,000	417	7"	226	1/2

PERFORMANCE DATA—DF—DUCT FURNACES

TEMPERATURE RISE THRU FURNACE	30°	40°	50°	60°	70°	80°	90°	100°	110°
DF 150	150,000	3640	2720	2180	1820	1560	1210	1090	990
DF 200	200,000	4850	3640	2910	2425	2080	1820	1455	1320
DF 250	250,000	6060	4550	3650	3030	2600	2275	2020	1820
DF 300	300,000	7280	5440	4360	3640	3120	2720	2420	2180
DF 350	350,000	8490	6360	5090	4245	3640	3180	2830	2545
DF 400	400,000	9700	7280	5820	4850	4160	3640	3240	2910

Peerless gas fired heating equipment is sold through wholesalers from coast to coast. Complete catalog available upon request.

DOVER CORPORATION

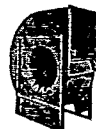


DOVER
PEERLESS MANUFACTURING DIVISION
P. O. BOX 2015 • LOUISVILLE 1, KY.
FACTORY—1400 W. ORMSBY AVE.

BUFFALO

AIR HANDLING EQUIPMENT

featuring highest quality construction—peak mechanical efficiency—reliable 'Buffalo' performance



Air handling equipment designed and manufactured by 'Buffalo' includes Propeller Fans, Mechanical Draft Fans, Blowers, Exhausters, Air Washers, Scrubbing Towers, Rotary Scrubbers, Gas Absorbers, Unit Heaters, and Air Preheaters. The Buffalo representative near you can help you select the unit best suited to your application.

VENTILATING FANS — TYPE BL — CLASS I, II, AND III CONSTRUCTION. Designed for quiet, efficient, non-overloading performance in complete air conditioning systems, building, tunnel, and combustion applications, or industrial process and equipment ventilation. 'Buffalo' BL fans feature backwardly curved blades... performance is completely stable from free delivery to shut-off. Class I Construction (to 3 1/2" SP) and Class II Construction (to 6 1/2" SP) are available with 12 1/2" through 108 1/2" wheels... capacities from 800 to 500,000 cfm. Bulletin F-104.

Class III Construction, available with 1 1/2" to 60" wheels, is designed for up to 12 1/2" SP and 4,000 to 180,000 cfm uses. Bulletin F-203. All models and sizes available with single, or double inlets... clockwise or counter-clockwise rotation.



SUPPLY AND EXHAUST FANS. Choice of 3 factory assembled units for low-cost installation and operation in supply and exhaust air applications. Type E Blowers, designed for 50 to 5000 cfm at up to 2" SP are ideal for supply air to oil burner, gas burner, over-fire air jet, cupola, and conveying systems... for grinding and bulking machine exhausts. Wheel sizes 8" to 9 1/2".

Vent Sets with capacities from 800 to 20,000 cfm at up to 2 1/2" SP are ideal for ventilating laboratories, lavatories, and equipment rooms. Wheel sizes range from 10 1/4" to 36 1/4"... have Limit Load horsepower characteristics.

Baby Vent Sets, with forwardly curved blades provide moderate efficiency at low pressure for equipment and small space ventilation. Capacity range from 40 to 1700 cfm at up to 1" SP... wheel sizes from 3 1/2" to 9".



AXIAL FLOW VENTILATING FANS. Line includes Type B Vanaxials and the new, highly versatile Type S Adjustax models featuring adjustable pitch blades which can be adjusted to meet exact requirements of a system... or field adjusted to meet changes in capacity/pressure requirements. 55 fan/motor combinations assure precise performance characteristics for any application from 3,000 to 400,000 cfm at up to 20" Total Pressure. Wheel diameters range from 22" through 84"... Total Efficiencies as high as 83%. Like the Type S Adjustax Axials, 'Buffalo's' Type B Vanaxial and Tubaxial models, are designed for installation in straight-run supply or exhaust ducting in air conditioning, tunnel, spray booth, or combustion system applications as well as equipment and motor cooling. Available with 15" through 72" wheels... capacities from 2,000 through 115,000 cfm at up to 3" SP. Request Bulletin F-305.



PROPELLER FANS. In commercial and industrial ventilation, no other propeller fan design can match 'Buffalo's' high volume, high efficiency, low noise performance. High fan efficiency, low speed, and rugged design hold operating costs and maintenance to an absolute minimum. Available in 24" to 120" wheel diameters for 5,000 through 250,000 cfm applications at up to 1" SP. Complete factory assembly reduces installation time and costs. Optional access-

ories include non-sparking aluminum blades, stainless steel construction, protective coatings, plus gravity, manual, or motor operated shutters. Request Bulletins FM-215, FM-315, FM-415.

STYLE H SKY-VENTS®, STYLE V SKY-VENTS® AND MAKE-UP AIR UNITS. Packaged for easy, low-cost roof installation, 'Buffalo' Sky-Vents are designed for supply or exhaust ventilation of all or selected areas of large factories, auditoriums, garages, etc. Tremendous air moving capacity reduces number of units required... no ductwork is needed... they are mounted well out of the way of lighting, overhead handling systems, and production floor space. Rugged hoods and stacks withstand heavy snow and hurricane-force winds. Capacities of Style H range from 1200 to 200,000 cfm with 12" to 72" wheels. Request Bulletin SV-100-1... capacities of Style V (exhaust air) range from 2700 to 200,000 cfm with 15" to 72" wheels. Request Bulletin SV-200. When conditions require heated make-up air, 'Buffalo's' ceiling-mounted Direct Gas-Fired Make-Up Air Units, featuring the nearly 100% efficiency of Maxon Airflow Line Burners, can provide from 5,000 to 75,000 cfm of tempered, filtered air. Fan sizes range from 24" to 84". Request Bulletin SV-100.



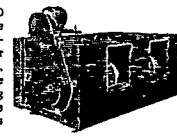
AIR CONDITIONING CABINETS.

'Buffalo's' complete air conditioning line includes 4 high efficiency factory-assembled cabinets permitting selection of the exact degree of conditioning required in office, industrial, public, and other large buildings. 'Buffalo's' PC cabinets are ideal where space is treated as a single zone, or where individual reheat is provided in multiple zones. They are available in any combination of heating, cooling, and/or dehumidifying... and in one, two, or three fan/coil units. Capacities from 875 to 29,000 cfm at up to 2 1/2" SP.



HV&V Cabinets, in 1000 to 42,000

cfm capacities at up to 2 1/2" SP, are designed for supply ventilation systems, make-up air use, and all or part of the heating for factories, auditoriums, and garages where complete summer air conditioning is not required. One, two or three fan/coil units... wheel diameters from 12" to 27".



PCB Zone Control Cabinets feature factory-sized dampers and hot-and-cold deck for supplying conditioned air where individual temperature control is required for multiple zones using either individual-zone-duct, or double-duct systems. Available in two- or three-fan models with 12" to 27" wheels... capacities from 1750 to 29,000 cfm at up to 3" SP.

PCBH High Pressure Cabinets provide high velocity, high pressure (up to 8" SP) conditioned air where individual temperature control is required for multiple zones using either individual-zone-duct, or double-duct systems. Equipped with one fan wheel of 15" to 23" diameter. Capacities from 2500 through 30,000 cfm.

AIR HANDLING DIVISION **BUFFALO FORGE COMPANY** BUFFALO, NEW YORK • Canadian Blower & Forge Co., Ltd., Kitchener, Ontario