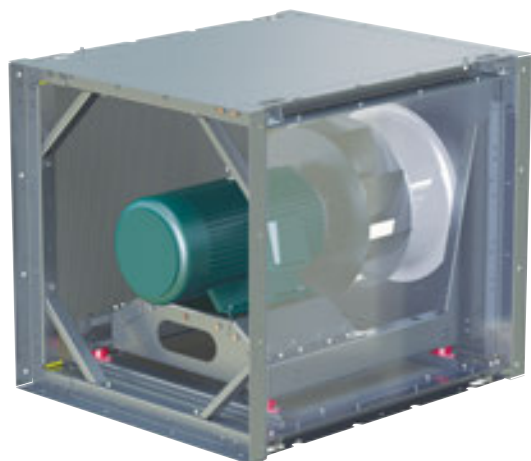


Modular Plenum Fans

Models MPLFN, MPLFS, MPLQN, MPLQS



Twin City Fan & Blower, the industry leader in modular plenum fans, proudly introduces the next generation of modular plenum fans. The MPLFN, MPLFS, MPLQN and MPLQS incorporates all the benefits of the original MPQN and MPQS modular plenum fans in a lighter, rigid structure to allow for easier installation and maintenance.

Multiple construction options allow for almost any configuration to meet your need. Whether it is for superior aerodynamic, acoustic, or vibration performance, Twin City Fan & Blower can provide a solution for your new air handling unit or retro-fit project.

Standard Product Features

- All models feature a structural housing with an outer skin that directs the air axially through the fan.
- Internal isolation between the rotating assembly and housing, which reduces transmitted vibration to the customer's air handling unit, is standard.
- MPLFN and MPLQN models include acoustic insulation to reduce sound power levels.
- Aluminum airfoil wheels (12.25" to 36.50" Ø)
- Variable wheel width
- Capacity of up to 44,000 CFM
- Static pressures to 12" w.g.

Optional Features

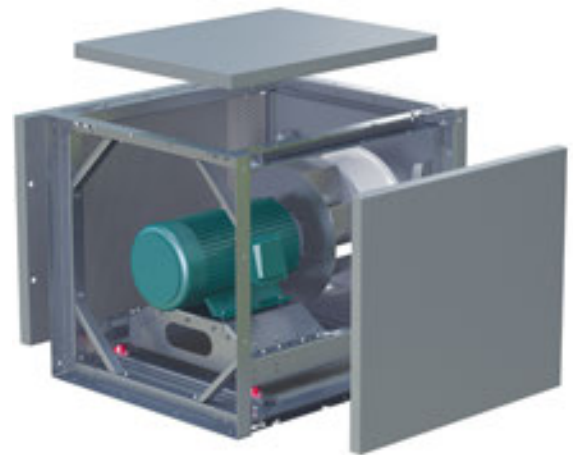
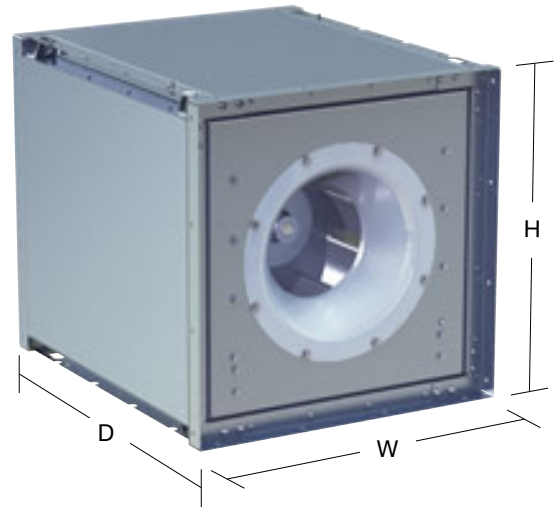
- Compact Housings for Sizes 182 to 365
- Piezometer Ring (Airflow Measurement System)
- Inlet Screen
- Outlet Guard
- Inlet Damper
- Outlet Damper
- Blank-off Panel
- Shaft Grounding Ring



5959 TRENTON LANE NORTH • MINNEAPOLIS, MN 55442-3237
PHONE: 763-551-7600 • FAX: 763-551-7601

WWW.TCF.COM

FAN SIZE	MAX STACK HEIGHT	W (in.)	H (in.)	D (in.)	MAX MOTOR FRAME
122	4	28.25	28.25	29.62	184T
150	4	30.31	30.31	33.50	215T
165	4	34.00	34.00	41.94	256T
182C	3	34.00	34.00	41.94	286TS
182	3	37.88	37.88	44.50	286TS
200C	3	37.88	37.88	44.50	286T
200	3	41.00	41.00	49.37	286T
222C	3	41.00	41.00	49.37	326T
222	3	45.25	45.25	51.37	326T
245C	3	41.00	41.00	49.37	326T
245	3	49.38	49.38	56.68	326T
270C	2	45.25	45.25	51.37	365T
270	2	54.00	54.00	61.13	365T
300C	2	49.38	49.38	56.68	365T
300	2	60.00	60.00	64.38	365T
330C	2	54.00	54.00	61.13	405T
330	2	65.00	65.00	62.88	405T
365C	2	60.00	60.00	64.38	444T
365	2	71.50	71.50	65.63	444T



MPLQN - 122C

Model

MPLFN, MPLFS
MPLQN, MPLQS

Wheel Type

F = 9-Bladed Airfoil
Q = 12-Bladed Airfoil

Housing

N = Insulated
S = Structure Only,
Non-Insulated

Housing Size

C = Compact
No letter at the end of the
fan size = Standard Housing

Wheel Diameter

12.25" to 36.5"



5959 TRENTON LANE NORTH • MINNEAPOLIS, MN 55442-3237

PHONE: 763-551-7600 • FAX: 763-551-7601

WWW.TCF.COM