



90 years
of proudly keeping
industry cool

dillon
INDUSTRIAL FAN CO.

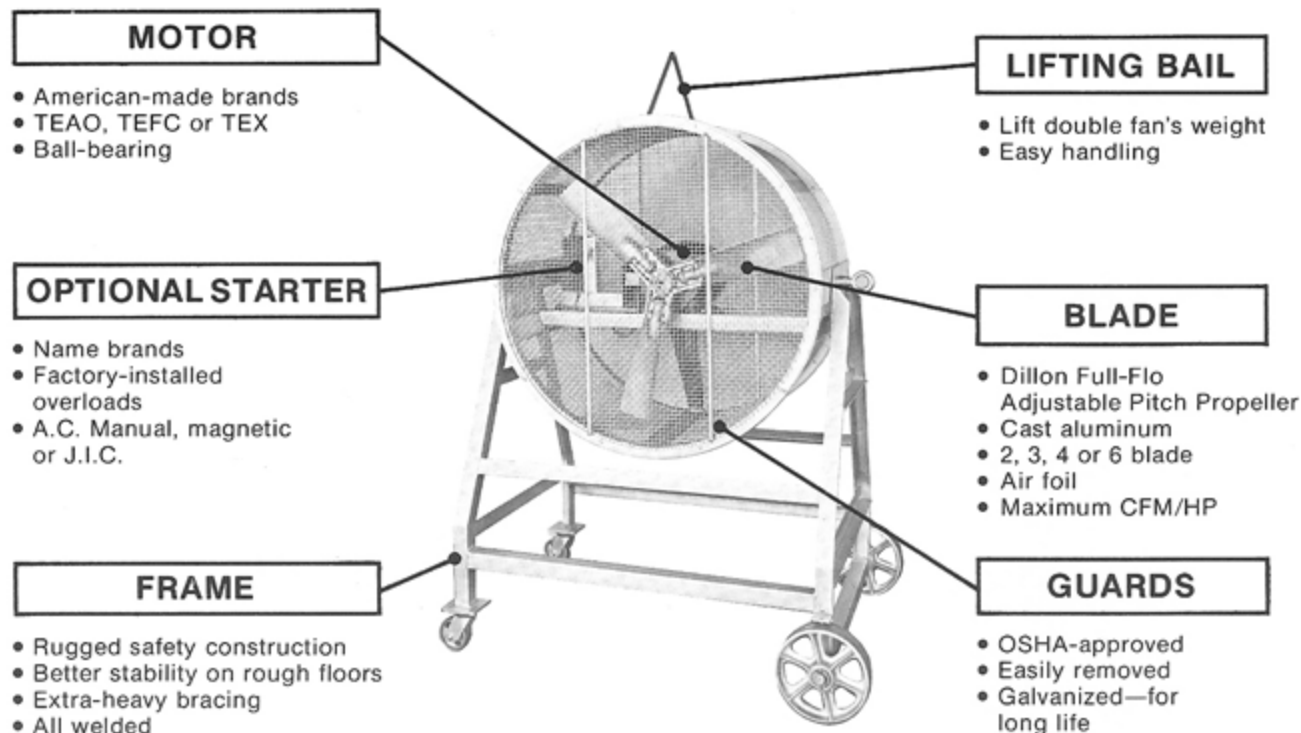
31 Bedding Place
Johnson City, TN 37604
(888) 849-9343



INDUSTRIAL MANCOOLERS

MANCOOLER FEATURES

Provides better air flow with OSHA-approved cages on bases which are safe and stable, yet portable and long-lasting.



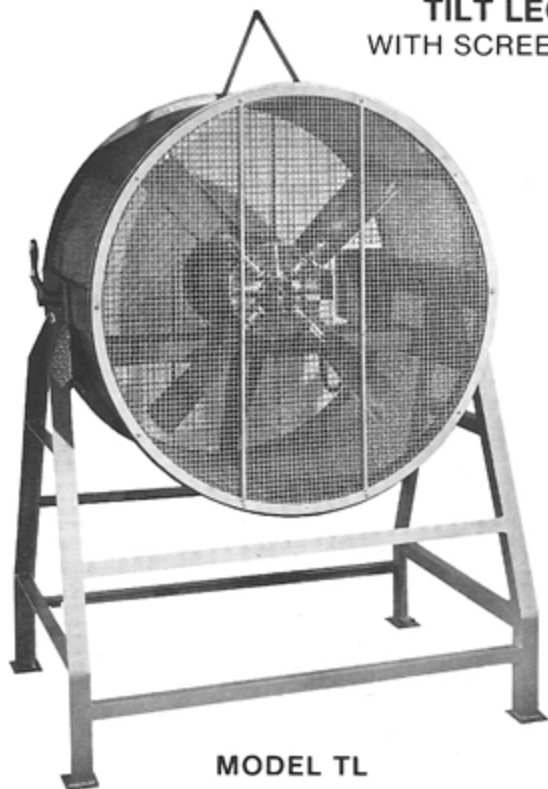
Dillon Industrial Mancoolers provide cool comfort for employees in all types of heavy-industry environments. Designed for hard use, these rugged Mancoolers provide better air flow. They offer easy portability, maximum safety—and they're built to last! Dillon Mancoolers are manufactured in many variations to solve almost any mounting or location problem. Units can be custom-made to meet your specifications. The Dillon Full-Flo Propeller features adjustable pitch and a new airfoil blade utilizing a

unique twist design to provide greater vortex action. This generates more air-flow near the hub, resulting in higher efficiency and lower noise. The screened cage perimeter permits optimum pattern of air velocities in front of fan. Dillon Mancooler units are also used for product or process cooling—even in some hostile environments. The screening meets all OSHA requirements, and most models operate at noise levels below 90 dBA.



INDUSTRIAL MANCOOLERS

TILT LEG SERIES WITH SCREEN PERIMETER



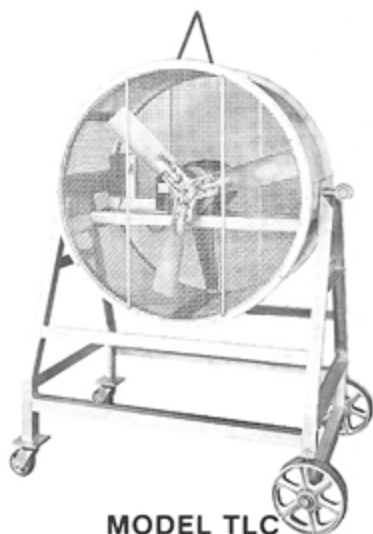
MODEL TL

Specify Model TL



MODEL TLD

- 3/16" sheet steel perimeter. Specify model TLD.
- Also available with casters. Specify model TLDC.



MODEL TLC

- TL series available with casters. Specify model TLC.

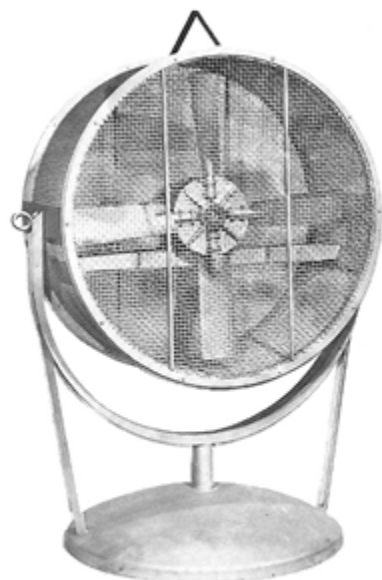
MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
* 3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600
4250-18	42	5	1750	184T	31200
4250-12	42	5	1150	215T	33000

* When ordering the Tilt Leg model, prefix the Model No. with TL



INDUSTRIAL MANCOOLERS

TILT PEDESTAL SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*1201-18	12	1/6	1725	48	1500
1602-18	16	1/4	1725	48	2700
1802-12	18	1/4	1140	56	3500
1805-18	18	1/2	1725	56	4300
2405-18	24	1/2	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600

* When ordering the Tilt Pedestal model, prefix the Model No. with TP

BEAM CLAMP SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*1201-18	12	1/6	1725	48	1500
1602-18	16	1/4	1725	48	2700
1802-12	18	1/4	1140	56	3500
1805-18	18	1/2	1725	56	4300
2405-18	24	1/2	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600

* When ordering the Beam Clamp model, prefix the Model No. with BC



INDUSTRIAL MANCOOLERS

TRANSFORMER COOLER SERIES

MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*1802-12	18	¼	1140	56	3500
1805-18	18	½	1725	56	4300
2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500

* When ordering the Transformer Cooler model, prefix the Model No. with TC



SUSPENDED SERIES

MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*1802-12	18	¼	1140	56	3500
1805-18	18	½	1725	56	4300
2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500

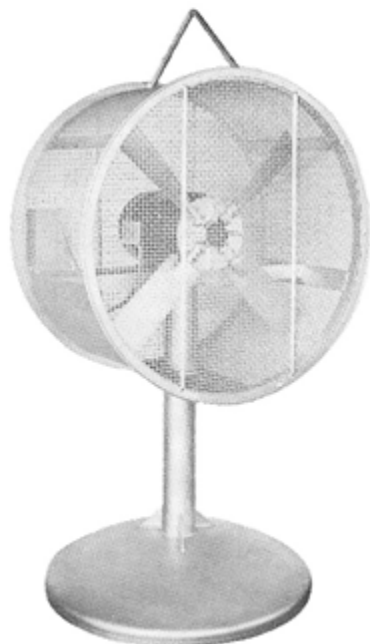
* When ordering the Suspended Series model, prefix the Model No. with S





INDUSTRIAL MANCOOLERS

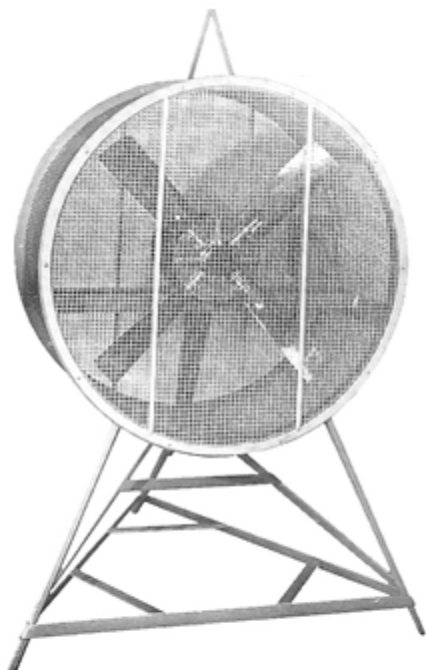
FIXED PEDESTAL SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*1802-12	18	¼	1140	56	3500
1805-18	18	½	1725	56	4300
2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500

* When ordering the Fixed Pedestal model, prefix the Model No. with FP

LEG TYPE SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
*2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600
4250-18	42	5	1750	184T	31200
4250-12	42	5	1150	215T	33000

* When ordering the Leg Type model, prefix the Model No. with L



INDUSTRIAL MANCOOLERS

CAB FAN SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
* 1201-18	12	1/6	1725	48	1500
1602-18	16	1/4	1725	48	2700
1802-12	18	1/4	1140	56	3500
1805-18	18	1/2	1725	56	4300
2405-18	24	1/2	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000

* When ordering the Cab Fan model, prefix the Model No. with C

RING FAN SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
* 1201-18	12	1/6	1725	48	1500
1602-18	16	1/4	1725	48	2700
1802-12	18	1/4	1140	56	3500
1805-18	18	1/2	1725	56	4300
2405-18	24	1/2	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1 1/2	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600

* When ordering the Ring Fan model, prefix the Model No. with R



INDUSTRIAL MANCOOLERS

BASE TYPE SERIES



MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
* 2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600
4250-18	42	5	1750	184T	31200
4250-12	42	5	1150	215T	33000

* When ordering the Base Type model, prefix the Model No. with B

WHEEL TYPE SERIES



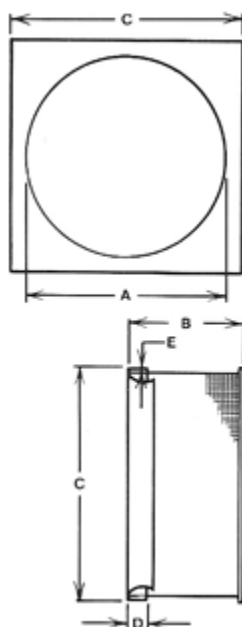
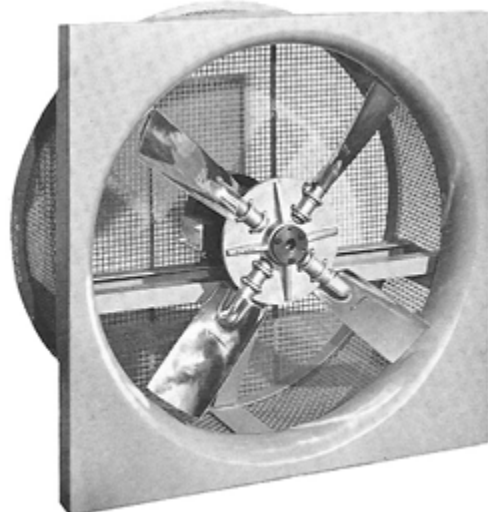
MODEL NO.	FAN DIA.	H.P.	RPM	FRAME	CFM
* 2405-18	24	½	1725	56	7200
2410-18	24	1	1725	56	8200
2410-12	24	1	1140	56	8300
2420-18	24	2	1725	56	11000
3010-18	30	1	1750	143T	12000
3015-12	30	1½	1140	145T	13000
3020-18	30	2	1750	145T	15500
3620-12	36	2	1140	184T	19500
3630-18	36	3	1750	182T	22000
3650-18	36	5	1750	184T	24600
4250-18	42	5	1750	184T	31200
4250-12	42	5	1150	215T	33000

* When ordering the Wheel Type model, prefix the Model No. with W



INDUSTRIAL MANCOOLERS

WALL VENT SERIES



THE DILLON WV INDUSTRIAL FAN is a true industrial-grade fan for ventilating or exhausting air. It utilizes the new FULL-FLO propeller for high efficiency at low noise levels.

The WV also features:

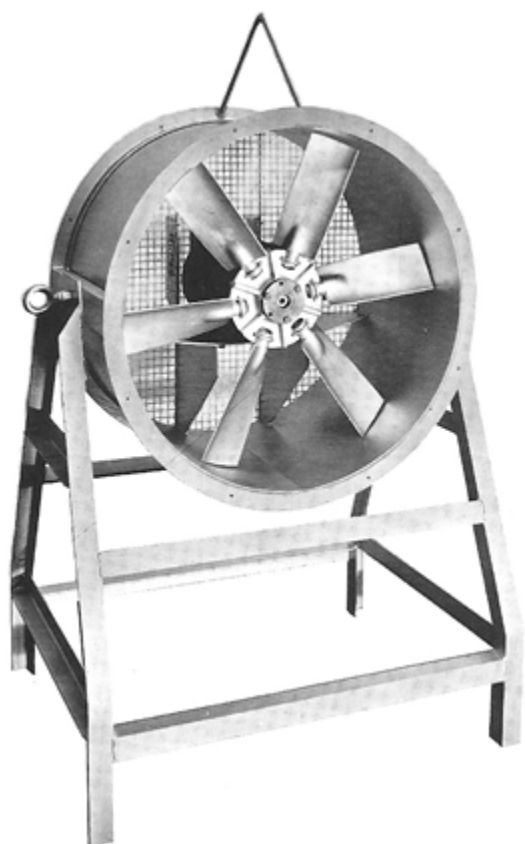
- Heavy gauge steel venturi
- OSHA-approved guard
- American-made TEFC motor
- Optional automatic shutter
- Optional exterior guard
- Optional duct adaptor

MODEL NO.	FAN DIAMETER	H.P.	RPM	FRAME	CFM	DIMENSION			
						B	C	D	E
* 2405-18	24	1/2	1725	56	7200	17	36	2 3/4	14
2410-18	24	1	1725	56	8200	17	36	2 3/4	14
2410-12	24	1	1140	56	8300	17	36	2 3/4	14
2420-18	24	2	1725	56	11000	17	36	2 3/4	14
3010-18	30	1	1750	143T	12000	17	36	2 3/4	14
3015-12	30	1 1/2	1140	145T	13000	19	36	2 3/4	14
3020-18	30	2	1750	145T	15500	19	36	2 3/4	14
3620-12	36	2	1140	184T	19500	19	42	2 3/4	14
3630-18	36	3	1750	182T	22000	19	42	2 3/4	14
3650-18	36	5	1750	184T	24600	19	42	2 3/4	14
4250-18	42	5	1750	184T	31200	19	48	2 3/4	14
4250-12	42	5	1150	215T	33000	23	48	2 3/4	14

* When ordering the Wall Vent model, prefix the Model No. with WV



SUPER QUIET MANCOOLERS



MODEL TLQ WITH OUTLET SCREEN REMOVED



WITH OUTLET GUARD



INLET END VIEW

The Dillon TLQ Super Quiet industrial fan is designed and built to provide high performance in extremely hostile environments at drastic reductions in operating noise levels.

It uses the Dillon FULL-FLO cast aluminum propeller for quieter efficiency and longer service. The components are hand-picked, precisely tipped and individually weight-controlled for super quiet dynamic balance.

SUPER QUIET MOTOR

- Precision balance
- TEAO
- Low RPM

FULL-FLO PROPELLER

- True air foil (NACA 65M)
- Adjustable pitch
- Replaceable bushing

FAN ASSEMBLY

- 3/16" rolled plate duct
- Sound absorbing liner
- Air straightener
- OSHA compliant

FRAME

- Heavy all-welded construction
- Adjustable tilt
- Lifting bail

OPTIONS

- Magnetic starter
- Hazardous location

STARTER

- AC manual
- Protected
- 3-coil overload

SUPER QUIET

- .73 dBA @ 900 RPM
- .81 dBA @ 1200 RPM

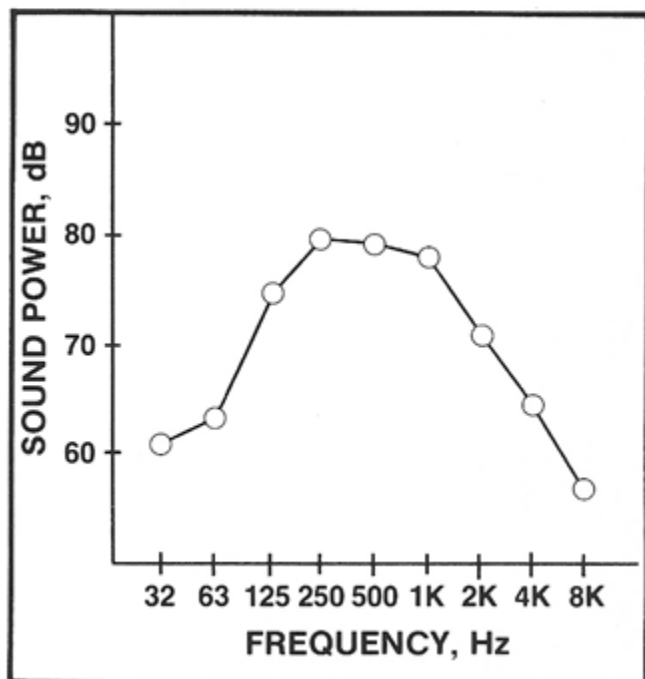


SUPER QUIET MANCOOLERS

Most mancoolers are used to generate an air movement across and around a worker in a hot environment. The cooling occurs when evaporative and convective heat losses from his body are increased because of high velocity air motion across and around him. The effectiveness of the mancooler in such cases should be judged by its ability to maintain high velocities on the axial flow line 20 to 50 feet from the mancooler.

The TLQ provides a standard air velocity envelope for general ventilation, smoke removal or product cooling. By adding the air straightener, the velocity envelope is changed drastically for more effective mancooling.

The chart below shows the air velocity envelope for the 32" models as well as the dBa noise levels at various distances from the fan. The chart at the right also shows the octave band analysis of the noise level taken at a 45° angle 10 feet from the fan.



DISTANCE FROM SUPER QUIET TLQ-3220-12*

FAN	10'	20'	30'	40'	50'	60'	70'	80'
								
VEL (FPM)	2600	1900	1400	1080	900	800	720	650
NOISE dBa	81	80	78	77	77			

*Equipped with optional air straightener section

MODEL NUMBER	MOTOR DATA			FAN DIA.	PERFORMANCE		NET WT.
	H.P.	RPM	FR.		CFM	dBa	
TLQ-3215-9	1½	860	184T	32"	15000	73	470
TLQ-3220-12	2	1140			16800	81	480