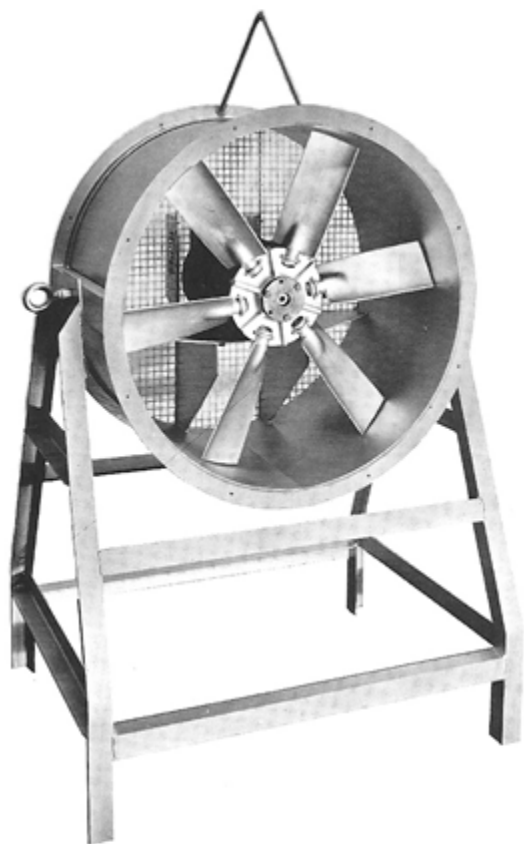


## SUPER QUIET MANCOOLERS



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

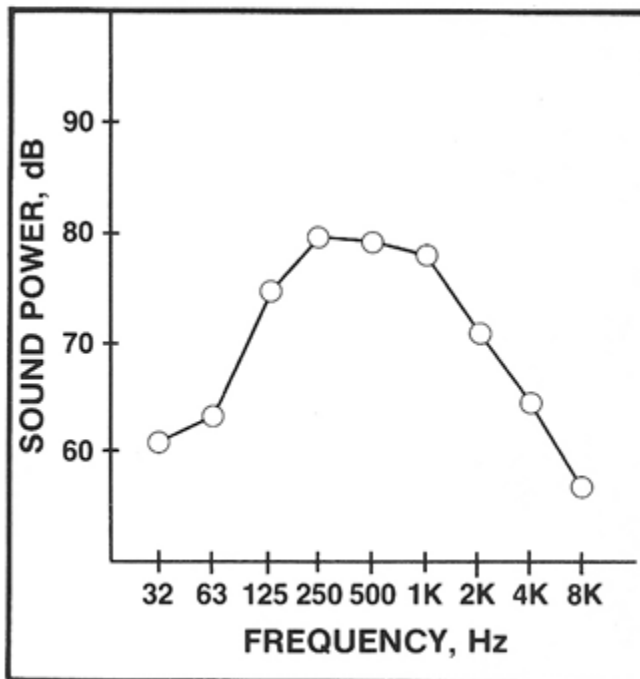
- .73 dBa @ 900 RPM
- .81 dBa @ 1200 RPM

## 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'
[FAN]								
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