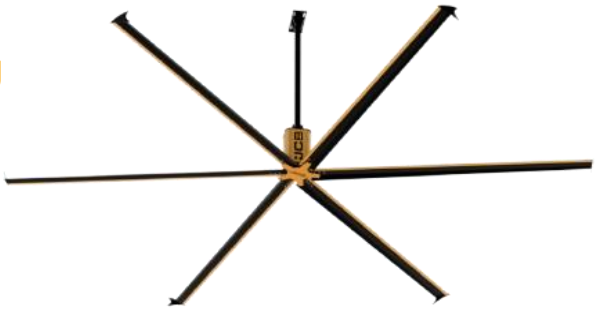
TECHNICAL SPECIFICATION

24 FEET ProMax HVLS I SUPPLY & INSTALLATION MODEL NO.: ProMax HVLS 7J

FAN DIAMETER (FT)	24
TYPE OF FAN	GEARED MOTOR HVLS FAN
PROTECTION RATING	IP55
BLADE FINISH	ANODISED SILVER WITH POWDER COATING
BLADE MATERIAL	HIGH GRADE ALUMINUM ALLOY 6061 T6
NO. OF BLADE	6
IMPELLER GRADE	DIN 17100 GR. ST 52.3
MOTOR TYPE	3 ϕ INDUCTION MOTOR – IE3
MOTOR MAKE	LENZE
GEARBOX TYPE	HELICAL TWO STAGE INLINE GEARBOX
POWER LINE/VOLTAGE (V)	3 ϕ – 400 V
POWER (KW)	1.5
FREQUENCY (HZ)	50

DRIVE MAKE	DANFOSS
CONTROL TYPE	TOUCH SCREEN HMI, INTEGRATED VFD CONTROL, CAPABLE TO INTEGRATE WITH BMS
SPEED (RPM)	52
SPEED CONTROL METHOD	ANALOG INPUT SPEED SETTING THROUGH 0 TO 10 V & HMI
AIR FLOW (CFM)	396000
COVERAGE AREA (SQ FT)	18000
STATIC WEIGHT (KG)	140
DYNAMIC WEIGHT (KG)	110
SOUND LEVEL @ 3m BELOW FAN (dB)	<65



FEATURES

1. Can be connected to Building Management System.
2. Real time data monitoring system.
3. Can communicated through Modbus RTU 485.
4. 24/7 Operation.
5. Real time turn ON/OFF

SAFETY FEATURES

1. 2-Stage structure failure Protection for Impeller & Hub Assembly.
2. GI wire rope for blade & extension tube.
3. GI wire rope anchor for motor chassis.
4. Power System Switch Gear Protection.

HIGH COVERAGE

SAFETY FEATURES

DURABILITY

USER FRIENDLY

ENERGY EFFICIENT

NOTE:

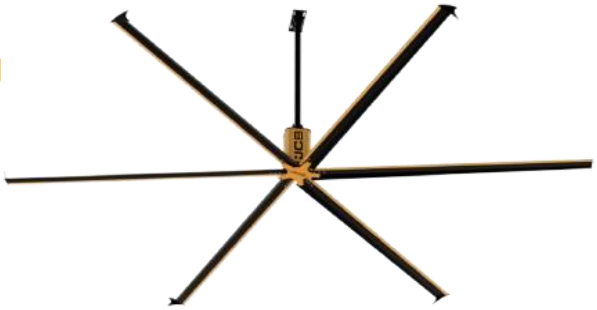
1. Coverage area is based on max speed of the fan. Air velocity can be affected at site with respect to fan ceiling suspended height, any barriers to air flow stream, Bottom of fan above the floor level.
2. Fan weight changes depending on the length of the extension rod.
3. Coverage area is affected by barriers, fan ceiling height, Bottom of fan above floor level.
4. Specifications is as per revised 2025 model range.

TECHNICAL SPECIFICATION

20 FEET ProMax HVLS I SUPPLY & INSTALLATION MODEL NO.: ProMax HVLS 6J

FAN DIAMETER (FT)	20
TYPE OF FAN	GEARED MOTOR HVLS FAN
PROTECTION RATING	IP55
BLADE FINISH	ANODISED SILVER WITH POWDER COATING
BLADE MATERIAL	HIGH GRADE ALUMINUM ALLOY 6061 T6
NO. OF BLADE	6
IMPELLER GRADE	DIN 17100 GR. ST 52.3
MOTOR TYPE	3 ϕ INDUCTION MOTOR – IE3
MOTOR MAKE	LENZE
GEARBOX TYPE	HELICAL TWO STAGE INLINE GEARBOX
POWER LINE/VOLTAGE (V)	3 ϕ – 400 V
POWER (KW)	1.5
FREQUENCY (HZ)	50

DRIVE MAKE	DANFOSS
CONTROL TYPE	TOUCH SCREEN HMI, INTEGRATED VFD CONTROL, CAPABLE TO INTEGRATE WITH BMS
SPEED (RPM)	66
SPEED CONTROL METHOD	ANALOG INPUT SPEED SETTING THROUGH 0 TO 10 V & HMI
AIR FLOW (CFM)	297000
COVERAGE AREA (SQ FT)	10800
STATIC WEIGHT (KG)	130
DYNAMIC WEIGHT (KG)	100
SOUND LEVEL @ 3m BELOW FAN (dB)	<65



FEATURES

1. Can be connected to Building Management System.
2. Real time data monitoring system.
3. Can communicated through Modbus RTU 485.
4. 24/7 Operation.
5. Real time turn ON/OFF

SAFETY FEATURES

1. 2-Stage structure failure Protection for Impeller & Hub Assembly.
2. GI wire rope for blade & extension tube.
3. GI wire rope anchor for motor chassis.
4. Power System Switch Gear Protection.

HIGH COVERAGE

SAFETY FEATURES

DURABILITY

USER FRIENDLY

ENERGY EFFICIENT

NOTE:

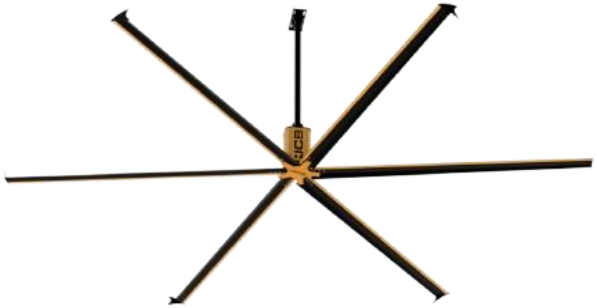
1. Coverage area is based on max speed of the fan. Air velocity can be affected at site with respect to fan ceiling suspended height, any barriers to air flow stream, Bottom of fan above the floor level.
2. Fan weight changes depending on the length of the extension rod.
3. Coverage area is affected by barriers, fan ceiling height, Bottom of fan above floor level.
4. Specifications is as per revised 2025 model range.

TECHNICAL SPECIFICATION

16 FEET ProMax HVLS I SUPPLY & INSTALLATION MODEL NO.: ProMax HVLS 5J

FAN DIAMETER (FT)	16
TYPE OF FAN	GEARED MOTOR HVLS FAN
PROTECTION RATING	IP55
BLADE FINISH	ANODISED SILVER WITH POWDER COATING
BLADE MATERIAL	HIGH GRADE ALUMINUM ALLOY 6061 T6
NO. OF BLADE	6
IMPELLER GRADE	DIN 17100 GR. ST 52.3
MOTOR TYPE	3 ϕ INDUCTION MOTOR – IE3
MOTOR MAKE	LENZE
GEARBOX TYPE	HELICAL TWO STAGE INLINE GEARBOX
POWER (KW)	1.1
POWER LINE/VOLTAGE (V)	3 ϕ – 400 V
FREQUENCY (HZ)	50

DRIVE MAKE	DANFOSS
CONTROL TYPE	TOUCH SCREEN HMI, INTEGRATED VFD CONTROL, CAPABLE TO INTEGRATE WITH BMS
SPEED (RPM)	72
SPEED CONTROL METHOD	ANALOG INPUT SPEED SETTING THROUGH 0 TO 10 V & HMI
AIR FLOW (CFM)	2,34,000
COVERAGE AREA (SQ FT)	9,400
STATIC WEIGHT (KG)	100
DYNAMIC WEIGHT (KG)	80
SOUND LEVEL @ 3m BELOW FAN (dB)	<65



FEATURES

1. Can be connected to Building Management System.
2. Real time data monitoring system.
3. Can communicated through Modbus RTU 485.
4. 24/7 Operation.
5. Real time turn ON/OFF

SAFETY FEATURES

1. 2-Stage structure failure Protection for Impeller & Hub Assembly.
2. GI wire rope for blade & extension tube.
3. GI wire rope anchor for motor chassis.
4. Power System Switch Gear Protection.

HIGH COVERAGE

SAFETY FEATURES

DURABILITY

USER FRIENDLY

ENERGY EFFICIENT

NOTE:

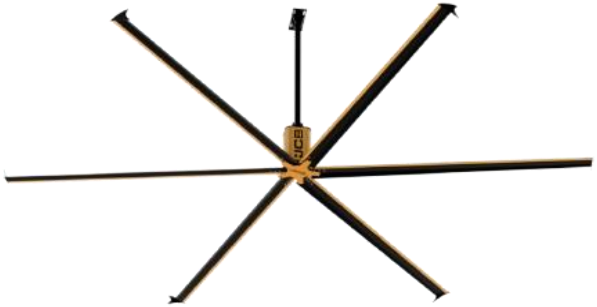
1. Coverage area is based on max speed of the fan. Air velocity can be affected at site with respect to fan ceiling suspended height, any barriers to air flow stream, Bottom of fan above the floor level.
2. Fan weight changes depending on the length of the extension rod.
3. Coverage area is affected by barriers, fan ceiling height, Bottom of fan above floor level.
4. Specifications is as per revised 2025 model range.

TECHNICAL SPECIFICATION

12 FEET ProMax HVLS I SUPPLY & INSTALLATION MODEL NO.: ProMax HVLS 4J

FAN DIAMETER (FT)	12
TYPE OF FAN	GEARED MOTOR HVLS FAN
PROTECTION RATING	IP55
BLADE FINISH	ANODISED SILVER WITH POWDER COATING
BLADE MATERIAL	HIGH GRADE ALUMINUM ALLOY 6061 T6
NO. OF BLADE	6
IMPELLER GRADE	DIN 17100 GR. ST 52.3
MOTOR TYPE	3 ϕ INDUCTION MOTOR – IE3
MOTOR MAKE	LENZE
GEARBOX TYPE	HELICAL TWO STAGE INLINE GEARBOX
POWER (KW)	1.1
POWER LINE/VOLTAGE (V)	3 ϕ – 400 V
FREQUENCY (HZ)	50

DRIVE MAKE	DANFOSS
CONTROL TYPE	TOUCH SCREEN HMI, INTEGRATED VFD CONTROL, CAPABLE TO INTEGRATE WITH BMS
SPEED (RPM)	85
SPEED CONTROL METHOD	ANALOG INPUT SPEED SETTING THROUGH 0 TO 10 V & HMI
AIR FLOW (CFM)	1,35,000
COVERAGE AREA (SQ FT)	7,200
STATIC WEIGHT (KG)	90
DYNAMIC WEIGHT (KG)	72
SOUND LEVEL @ 3m BELOW FAN (dB)	<65



FEATURES

1. Can be connected to Building Management System.
2. Real time data monitoring system.
3. Can communicated through Modbus RTU 485.
4. 24/7 Operation.
5. Real time turn ON/OFF

SAFETY FEATURES

1. 2-Stage structure failure Protection for Impeller & Hub Assembly.
2. GI wire rope for blade & extension tube.
3. GI wire rope anchor for motor chassis.
4. Power System Switch Gear Protection.

HIGH COVERAGE

SAFETY FEATURES

DURABILITY

USER FRIENDLY

ENERGY EFFICIENT

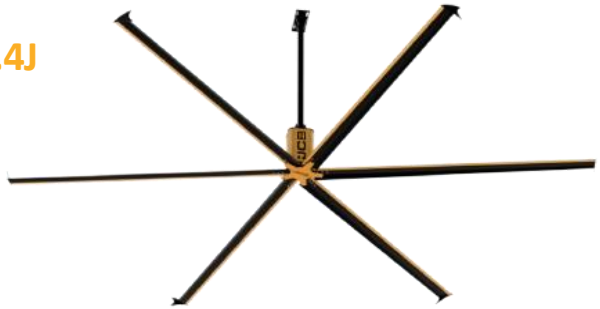
NOTE:

1. Coverage area is based on max speed of the fan. Air velocity can be affected at site with respect to fan ceiling suspended height, any barriers to air flow stream, Bottom of fan above the floor level.
2. Fan weight changes depending on the length of the extension rod.
3. Coverage area is affected by barriers, fan ceiling height, Bottom of fan above floor level.
4. Specifications is as per revised 2025 model range.

TECHNICAL SPECIFICATION

8 FEET ProMax HVLS I SUPPLY & INSTALLATION

MODEL NO.: ProMax HVLS 2.4J



FAN DIAMETER (FT)	8
TYPE OF FAN	GEARED MOTOR HVLS FAN
PROTECTION RATING	IP55
BLADE FINISH	ANODISED SILVER WITH POWDER COATING
BLADE MATERIAL	HIGH GRADE ALUMINUM ALLOY 6061 T6
NO. OF BLADE	6
IMPELLER GRADE	DIN 17100 GR. ST 52.3
MOTOR TYPE	3 ϕ INDUCTION MOTOR – IE3
MOTOR MAKE	LENZE
GEARBOX TYPE	HELICAL TWO STAGE INLINE GEARBOX
POWER (KW)	0.75
POWER LINE/VOLTAGE (V)	3 ϕ – 400 V
FREQUENCY (HZ)	50

DRIVE MAKE	DANFOSS
CONTROL TYPE	TOUCH SCREEN HMI, INTEGRATED VFD CONTROL, CAPABLE TO INTEGRATE WITH BMS
SPEED (RPM)	120
SPEED CONTROL METHOD	ANALOG INPUT SPEED SETTING THROUGH 0 TO 10 V & HMI
AIR FLOW (CFM)	90,000
COVERAGE AREA (SQ FT)	4,900
STATIC WEIGHT (KG)	55
DYNAMIC WEIGHT (KG)	45
SOUND LEVEL @ 3m BELOW FAN (dB)	<65

FEATURES

1. Can be connected to Building Management System.
2. Real time data monitoring system.
3. Can communicated through Modbus RTU 485.
4. 24/7 Operation.
5. Real time turn ON/OFF

SAFETY FEATURES

1. 2-Stage structure failure Protection for Impeller & Hub Assembly.
2. GI wire rope for blade & extension tube.
3. GI wire rope anchor for motor chassis.
4. Power System Switch Gear Protection.

HIGH COVERAGE

SAFETY FEATURES

DURABILITY

USER FRIENDLY

ENERGY EFFICIENT

NOTE:

1. Coverage area is based on max speed of the fan. Air velocity can be affected at site with respect to fan ceiling suspended height, any barriers to air flow stream, Bottom of fan above the floor level.
2. Fan weight changes depending on the length of the extension rod.
3. Coverage area is affected by barriers, fan ceiling height, Bottom of fan above floor level.
4. Specifications is as per revised 2025 model range.