

# ULTRA 73 , 49

66극(pole)의 독일 EMF 모터를 채택, 강력한 힘(토크)과 오랜 동작시간에도 과열되지 않아 속도변화없이 지속적인 성능을 발휘합니다.  
최고의 기술은 170Nm의 파워를 자랑하며 소비전력은 겨우 1Kw내외 입니다.  
타제품 대비 20% 이상의 에너지 효율을 자랑합니다.



**24/7**  
**Continuous Operation**  
7/24 continuously full performance

- No heating
- No derating
- Direct drive
- HVLS solution

**Maximum air flow at all times!**

**2:1**  
**220 V - 400 V at the same motor**  
Reduced Inventory cost

*Thanks to star-delta connection at the same motor.*

**Energy Efficient**  
According to Asyn motor+gearbox energy consumption is **lower than 30%**.  
According to PM Syn and BLDC motors total energy consumption is **lower than 20%**.



## Advantages

- Continuous Operation
- 220-400 V at the same motor
- Energy Efficient
- Ambient temperature 50 Celcius
- Sensorless PM control
- 66 poles
- Very quiet
- Gearless
- No oil
- No cooling
- Compact Size
- Very low cogging torque



## Benefits

- Continuous air flow all the time
- Reduced inventory cost
- %20 less energy cost
- Full performance at high ambient temp.
- %20 less energy cost
- Best performance for HVLS application
- No noise
- No maintenance cost
- No risk for oil drop
- Less energy cost
- Less packaging cost, less bracket cost, less transportation cost
- Minimum Noise level



(주)빅팬테크  
조달청 등록업체  
국내생산 및 설치 컨설팅

## Air - control

공장 및 물류센터의 온/습도 관리 컨설팅,  
연락 주시면 현장방문하여  
최적의 솔루션을 제안 드리겠습니다.

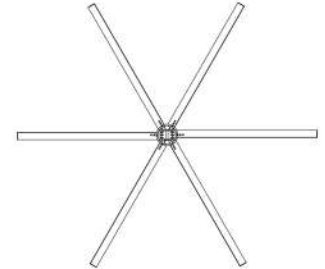
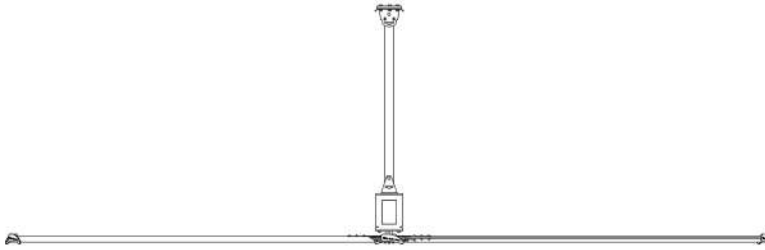
문의 : 1599 - 9370

# Technical Specifications

## ULTRA 73, 49

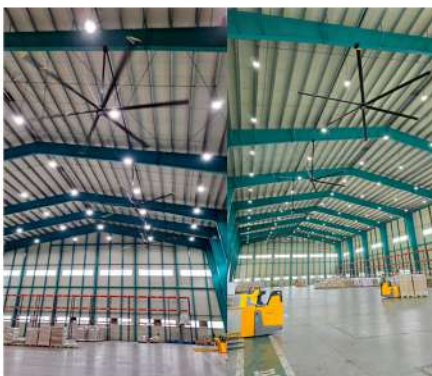


220 ~ 380 V at the same motor, 66poles, gearless, No oil,  
No cooling, No noise, Compact size, 20% less energy cost save.



Technical Specifications							
Model	Diameter (feet/meter)	Input Voltage	Speed (min/max)	Applicable Area(m2)	Torque	Sound level	Max Weight (kg)
ULTRA 73	24'(7.3m)	220 ~ 380 VAC, 1 phase / 3phase, 60Hz	8 / 52 rpm	1,570	170Nm (at 55 rpm)	43 dB	135
ULTRA 67	22'(6.7m)		9 / 60 rpm	1273			130
ULTRA 61	20'(6.1m)		10 / 68 rpm	975			126

Technical Specifications							
Model	Diameter (feet/meter)	Input Voltage	Speed (min/max)	Applicable Area(m2)	Torque	Sound level	Max Weight (kg)
ULTRA 49	16'(4.9m)	220 ~ 380 VAC, 1 phase / 3phase, 60Hz	11 / 72 rpm	836	80Nm (at 135 rpm)	43 dB	99
ULTRA 42	14'(4.2m)		12 / 79 rpm	734			86
ULTRA 37	12'(3.7m)		13 / 86 rpm	631			72



Construction Features					
Airfoils	Motor	Certifications	Controler	HMI	Other Hardware
Extruded aluminum (high intensity)	EMF Motor (Designed in Germany/Made in Turkey)	Certification	IN-310 (All in one type) HVLS전용	VI20시리즈 R45 편연결 원거리/동작시간 제어가능	Steel plate (10mm~3mm), powder coating(black)

66극(pole), 170Nm의 강력한 독일 파워모터,  
+  
가성비 최고의 가격 경쟁력.



안전 와이어  
(날개파손시 낙하대비)



HVLS 전용인버터  
(컨트롤러 IN-310)



HMI 터치화면  
(작동시간 제어가능)



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