

TRITAN Air Handling Mounted Units for use in HVAC

Commercial and industrial fans are widely used in most industries across many diverse applications. In our modern world, one of the most elegant features of these HVAC systems is that they do their job practically unnoticed by those who benefit from them. Whether cooling our homes and buildings or providing climate-controlled environments to hospitals and data centers, they're an important part of our everyday lives.

The quietness and performance of these fans and blowers is critical and directly dependent on the quality and design of the bearings used. This can present quite a challenge for fan and blower manufacturers, as well as repair and maintenance operations.

TRITAN Air Handling (AH) mounted units provide a unique solution for these applications.

Interchange

TRITAN	Peer	Browning	Dodge	SealMaster	SKF
UCP205-16AH	UCP205-16-AH	VPS-216AH	P2B-SCAH-100	NP-16 CXU	P2B-100-TF-AH
UCF205-16AH	UCF205-16-AH	VF4S-216AH	F4B-SCAH-100	SF-16 CXU	F4B-100-TF-AH
UCFL205-16AH	UCFT205-16-AH	VF2S-216AH	F2B-SCAH-100	SFT-16 CXU	F2B-100-TF-AH



100% Noise Tested to Electric Motor Quality (EMQ) Standards

To increase reliability and bearing life, TRITAN AH mounted units utilizes an optimized design of critical components. The bore and ring tolerances are tighter fit to allow them to run in perfect harmony with high-quality balls. The result is lower vibration and noise that's 100% during manufacturing.

High Quality Lubrication

The bearing grease is a crucial component for reliability and bearing life. TRITAN AH mounted units utilize the same grease used in electric motor applications. Polyrex EM grease is a premium polyurea based compound that is recognized for its noise dampening properties and wide temperature range.

Special Alignment Torque (Housing Fit)

Proper alignment of the bearing to the shaft is essential in preventing vibration, noise and damage to the bearing components. To allow the bearing to self-align under light loading, TRITAN AH Units are assembled with a low swivel torque. A low swivel torque enables the outer race of the bearing to pivot or swivel within the cast iron housing



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