

## FANS

### THE FACTS

#### PREMIUM MATERIAL

- Marley HP7000 fan minimum material grades are suitable for all cooling tower applications
- Others require optional upgrades just to meet Marley minimum material grades (e.g., aluminum blade clamps to iron, galvanized hardware to stainless)

#### PERFORMANCE

- Marley HP7000 fans use 9% less power\* than leading competitors to deliver equivalent CFM—up to \$10,000 energy savings!

#### DRAMATICALLY LOWER MAINTENANCE COSTS

- Marley HP7000 fans incorporate a pigmented resin for superior UV protection
- Molded in 1/8" thick nylon barrier strip along the leading edge means no painting or patching

#### MORE DURABLE/LONG LIFE

- HP7000 fan blades are 30–50% stronger in buckling strength\*
- Shank diameter is 40% larger than others for even greater strength (crucial in high wind load areas or in common plenum applications)
- Stronger blades help prevent complete mechanical failure

\*Source: SPX R&D comparison testing with Hudson Tuf-Lite fans

### THE COMPARISON

MARLEY®		HUDSON
Stainless steel hardware and cast iron blade clamps are standard	<b>PREMIUM MATERIALS</b>	Galvanized hardware and aluminum blade clamps are standard
3% more efficient	<b>PERFORMANCE</b>	9% more power needed for equivalent CFM
1250 lb	<b>BUCKLING LOAD</b>	800–900 lb
40% larger shank diameter (8.5") 73% greater shank-bending resistance	<b>STRENGTH</b>	Smaller shank diameter (Tuf-Lite® II - 6") Reduced shank-bending resistance
Additional surface coverings and pigmented resin	<b>UV PROTECTION</b>	Paint
75% less blade erosion which equates to four times the service life of the fan blades**	<b>EROSION RESISTANCE</b>	Normal erosion rate

\*\*Source: CTI Paper TP97-06