



### General Characteristics of CHR & IHR Series Standard Industrial Ceiling Fans

For use in industrial and commercial environments.  
 Used both indoors and outdoors.  
 For outdoor use they must have protection from the elements.  
 For cooling.  
 The CHR & IHR Series are a ceiling fan with all metal construction and finished off with white epoxy.  
 Aluminum paddles.  
 Comes with 24" Down rod with safety cable.  
 Mounts to 3/8" diameter steel J-hook.  
 Motor Specs.: 18 pole, 115 V, 1 phase, capacitor type, impedance protected motor with sealed ball bearings  
 Imported to TPI specifications.  
 Mounting hardware "J" hook and wire nuts included.  
 Note: Image is a representation of stocked models.  
 Actual model may vary in appearance.  
 Commercial grade: Assembly is required and comes with 30" lead wires.  
 Industrial grade: Comes fully assembled except blade bolt down, has a 3 conductor cord, 30" long with plug, and is also permanently lubricated.



### Product Applications of CHR & IHR Series Standard Industrial Ceiling Fans

For commercial, industrial, and heavy duty use.  
 Mainly used in warehouses, industrial parks, and where large volumes of air are required to be moved.  
 For cooling use.  
 May be used indoors and outdoors. In the case of use outdoor some protection will be needed against the elements.

### Warranty of CHR & IHR Series Standard Industrial Ceiling Fans

Manufacturer's Limited Warranty:  
 Commercial Grade: 1 Year limited warranty.  
 Industrial Grade: 3 Year limited warranty.

### Specific Characteristics of CHR & IHR Series Standard Industrial Ceiling Fans

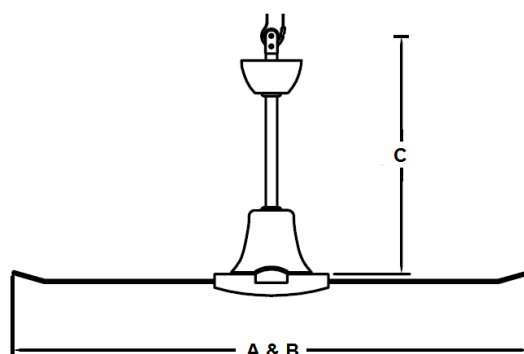
Item #	Manufacturing #	Size (Dia. Ø)	CFM	Volts V	Amperes A	Phase PH	RPM	Type	Grade	Weight and Dimensions with Packaging	
										Lbs.	L,W,H In.
<b>USFAT-001</b>	CHR-56*	56"	19000	120	0.6	1	320	Down Draft	Commercial	18	28,9,11
<b>USFAT-002</b>	IHR-48	48"	17100	120	0.53	1	320	Down Draft	Industrial	18	35,9,9
<b>USFAT-003</b>	IHR-56	56"	21000	120	0.6	1	310	Down Draft	Industrial	18	35,9,9
<b>USFAT-004</b>	IHR-56R*	56"	21000	120	0.55	1	310	Reversible	Industrial	18	35,9,9
<b>USFAT-005</b>	IHR-56-227V*	56"	21000	277	0.3	1	310	Down Draft	Industrial	18	35,9,9



- \* 277 volt, commercial and reversing models have lead wires instead of cordset. 36" down rod available for additional charge.

### Dimensions (In.) of CHR & IHR Series Standard Industrial Ceiling Fans

Series	Length A	Width B	Height C
USFAT-001,003,004 & 005	56"	56"	24"
USFAT-002	48"	48"	24"



### Mounting Table of CHR & IHR Series Standard Industrial Ceiling Fans

#### Heat Recovery ( Winter Use )

Mounting Height	Fan Per Sq. Ft.
10 – 24 Ft	1 Fan Per 2500 Square Feet
25 – 39 Ft	1 Fan Per 2000 Square Feet
40 Ft and Above	1 Fan Per 1500 Square Feet

#### Heat Recovery ( Summer Use )

Mounting Height	Fan Per Sq. Ft.
10 – 24 Ft	1 Fan Per 1500 Square Feet
24 – 40 Ft & Above	1 Fan Per 1000 Square Feet

- The summer application is a more aggressive use of industrial fans and can be used for both of the above applications if desired. When using higher CFM fans, speed controls may be used to adjust fans when lower CFM levels are needed.