



UL/cUL 705 - E40001 - CSW  
 UL/cUL 762 Power Ventilators for Restaurant Exhaust Appliances - MH11745 - CSW-BI  
 UL/cUL Power Ventilators for Smoke Control Systems MH17511 - CSW-BI



Model CSW is AMCA Licensed for Sound and Air Performance

Model	Best Available Program
CSW Sizes 7 through 49	5 Days

## Model CSW Single-Width, Direct Drive and Belt Drive

Centrifugal fans are designed for clean or contaminated ventilation applications up to 250°F. Units can be mounted (both indoor or outdoor) in ducted inlet and/or ducted outlet installations such as exhaust air, supply air, filtration, comfort conditioning, light industrial processes, fume exhaust, fluid bed pressurization and combustion air.

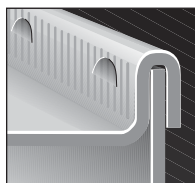
### Standard Construction

Housing - heavy-gauge steel <ul style="list-style-type: none"> <li>• Series 21 - PermaLock™</li> <li>• Series 41 - welded</li> </ul>
Direct drive, arrangement 4 Belt drive, arrangement 9, 10
Wheel, flat blade centrifugal, CSW-BI Wheel, airfoil centrifugal, CSW-AF
Rotatable housing (sizes 7 through 30)
Final assembly vibration analysis
Minimum bearing life of L <sub>10</sub> 80,000 hours (Average life - L <sub>50</sub> 400,000 hours)
Permatector™ protective powder coating

### Options and Accessories

Guards - inlet, outlet
Motor cover (Arrangement 4)
Flanges - inlet, outlet, companion
Weatherhood (Arrangement 10)
Drain connection
Isolators - rubber, free standing and restrained
Isolation base
Spark B resistant construction (Arrangements 9, 10)
Spark C resistant construction (Arrangements 9, 10)
Shaft seal (Arrangements 9, 10)
Extended lube lines
Extended life bearings L <sub>10</sub> 200,000 hours
UL/cUL Listed Power Ventilators
UL/cUL Listed Power Ventilators for Restaurant Exhaust Appliances (Arrangements 9, 10)
UL/cUL Listed Power Ventilators for Smoke Control Systems (Arrangements 9, 10)

### Housing Construction



#### Series 21 PermaLock™ Housing

Features Greenheck's exclusive airtight PermaLock™ seam. This seam provides a structural bond between the side panels and scroll wrap.



#### Series 41 Welded Housing

Features a fully welded housing.