

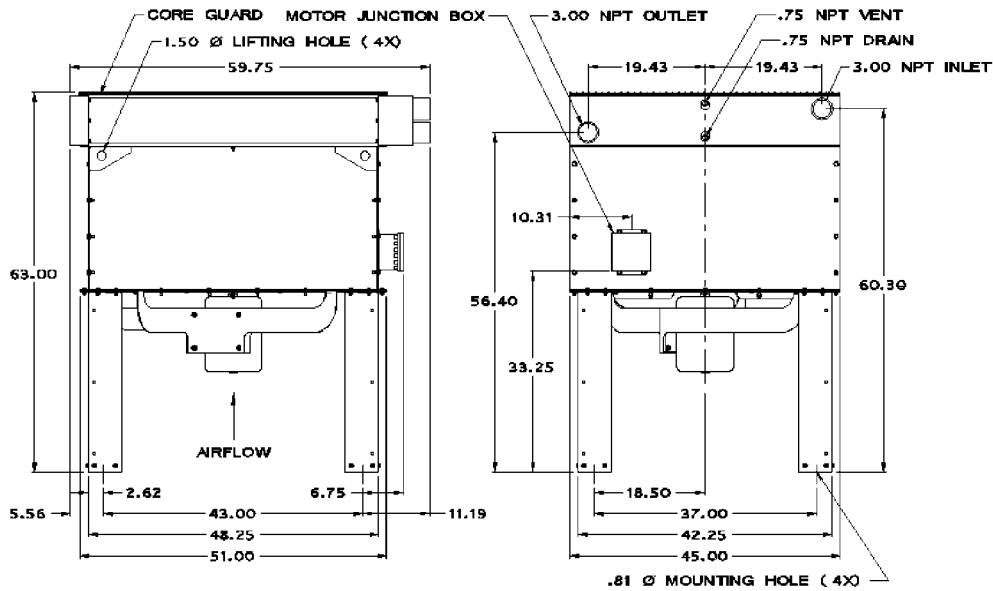


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-M014

HCR MODULAR SERIES COOLING SYSTEMS



FLUID CAPACITY: 9.1 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: One (1) per unit, direct drive 36" dia. fiberglass blades
MOTOR: One (1) per unit, dual rated 60/50 Hz, TEAO motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V
UNIT WEIGHT: 575 lb

	60 Hz			50 Hz		
Fan / Motor Speed	Speed	Hp	SPL @ 25 ft	Speed	Hp	SPL @ 25 ft
H – High	1760 RPM	5	74 dBA	1475 RPM	4	70 dBA
S – Standard	1160 RPM	3	70 dBA	970 RPM	2	66 dBA
L – Low	870 RPM	1	62 dBA	725 RPM	–	58 dBA

Model Number Definition: HCR – M014 – Fan Speed - # Passes
Sample: a 2 pass radiator with high speed fan would be HCR-M014-H-02



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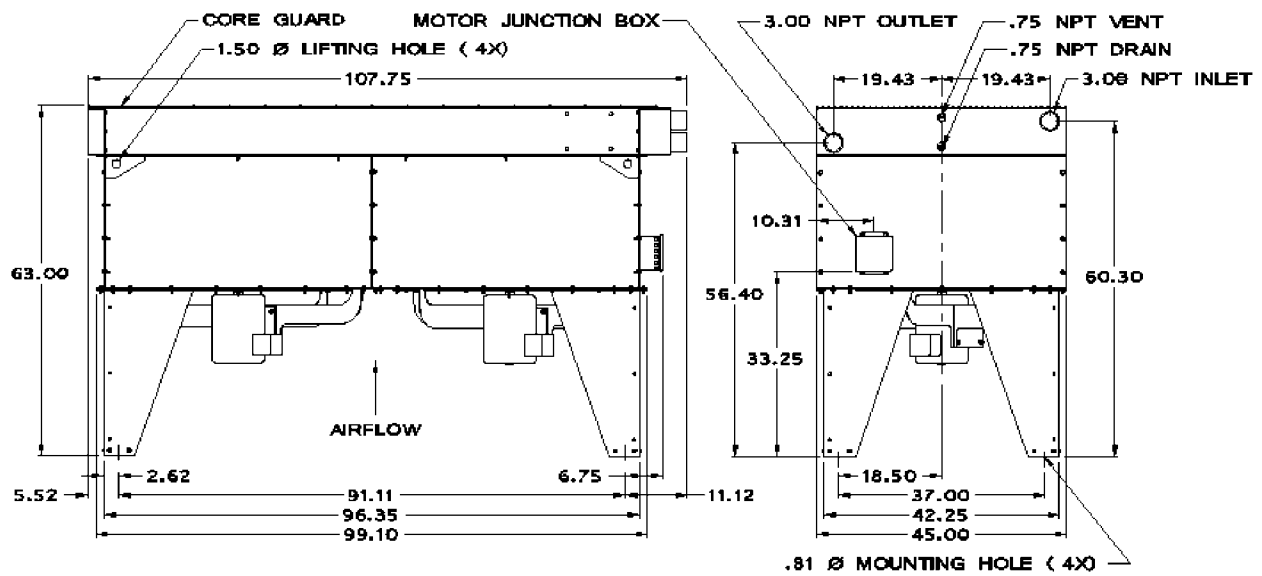


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-M028

HCR MODULAR SERIES COOLING SYSTEMS



FLUID CAPACITY: 16.5 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Two (2) per unit, direct drive 36" dia. fiberglass blades
MOTOR: Two (2) per unit, dual rated 60/50 Hz, TEAO motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V
UNIT WEIGHT: 1,060 lb

	60 Hz			50 Hz		
Fan / Motor Speed	Speed	Hp	SPL @ 25 ft	Speed	Hp	SPL @ 25 ft
H – High	1760 RPM	5	77 dBA	1475 RPM	4	73 dBA
S – Standard	1160 RPM	3	73 dBA	970 RPM	2	69 dBA
L – Low	870 RPM	1	65 dBA	725 RPM	–	61 dBA

Model Number Definition: HCR – M028 – Fan Speed - # Passes
 Sample: a 2 pass radiator with high speed fan would be HCR-M028-H-02



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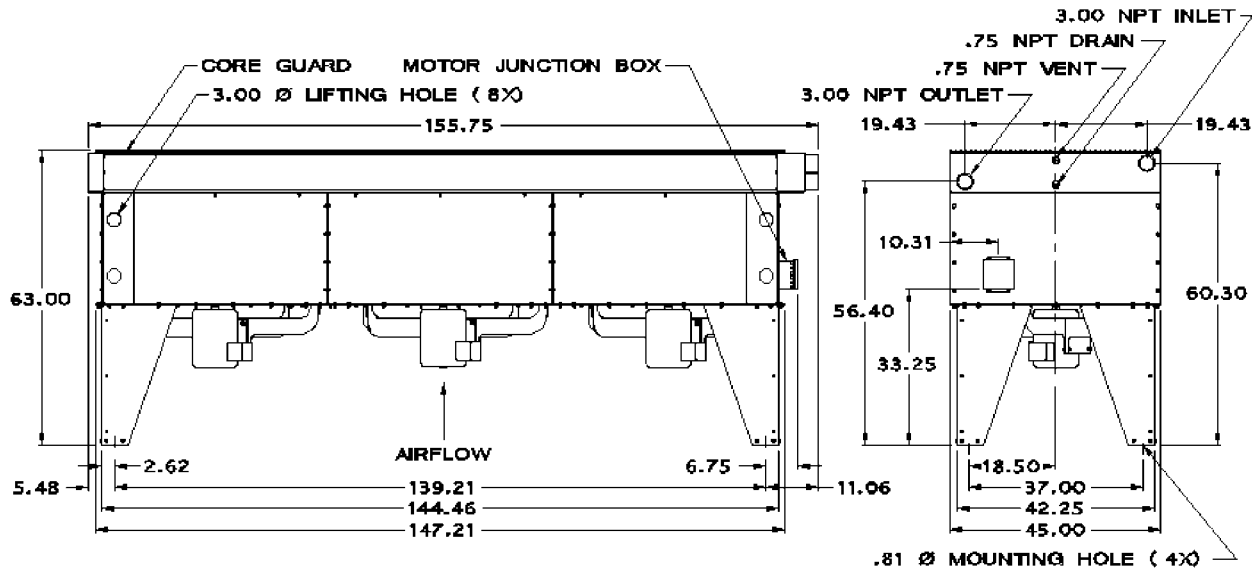


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-M042

HCR MODULAR SERIES COOLING SYSTEMS



FLUID CAPACITY: 23.4 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Three (3) per unit, direct drive 36" dia. fiberglass blades
MOTOR: Three (3) per unit, dual rated 60/50 Hz, TEAO motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V
UNIT WEIGHT: 1,475 lb

Fan / Motor Speed	60 Hz			50 Hz		
	Speed	Hp	SPL @ 25 ft	Speed	Hp	SPL @ 25 ft
H – High	1760 RPM	5	79 dBA	1475 RPM	4	75 dBA
S – Standard	1160 RPM	3	75 dBA	970 RPM	2	71 dBA
L – Low	870 RPM	1	67 dBA	725 RPM	–	63 dBA

Model Number Definition: HCR – M042 – Fan Speed - # Passes
 Sample: a 2 pass radiator with high speed fan would be HCR-M042-H-02



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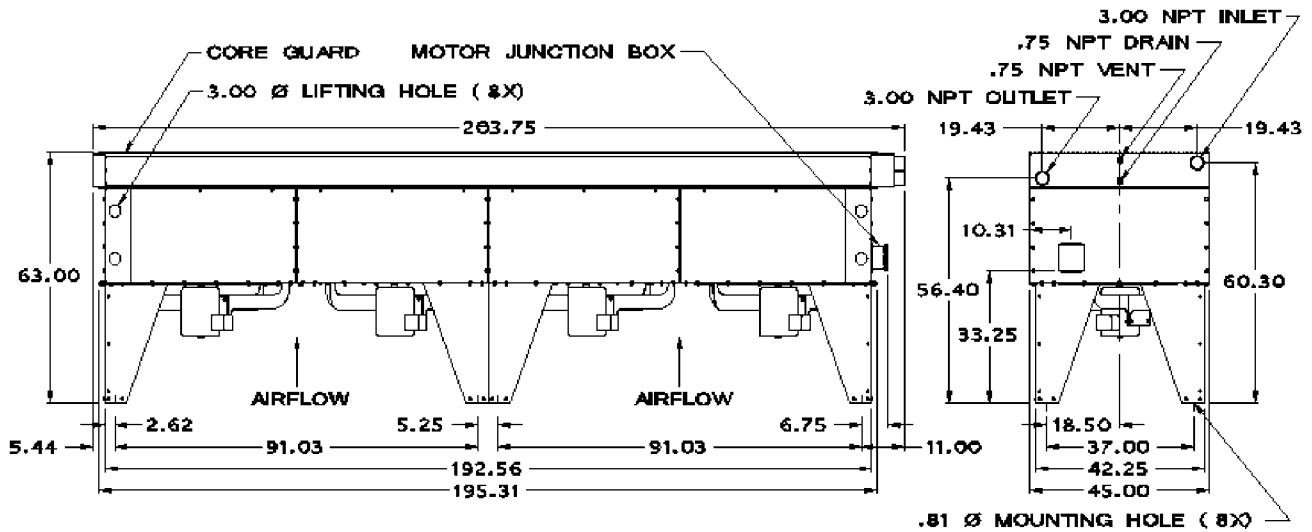


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-M056

HCR MODULAR SERIES COOLING SYSTEMS



FLUID CAPACITY: 30.7 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Four (4) per unit, direct drive 36" dia. fiberglass blades
MOTOR: Four (4) per unit, dual rated 60/50 Hz, TEAO motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V
UNIT WEIGHT: 2,078 lb

	60 Hz			50 Hz		
Fan / Motor Speed	Speed	Hp	SPL @ 25 ft	Speed	Hp	SPL @ 25 ft
H – High	1760 RPM	5	80 dBA	1475 RPM	4	76 dBA
S – Standard	1160 RPM	3	76 dBA	970 RPM	2	72 dBA
L – Low	870 RPM	1	68 dBA	725 RPM	–	64 dBA

Model Number Definition: HCR – M056 – Fan Speed - # Passes
Sample: a 2 pass radiator with high speed fan would be HCR-M056-H-02



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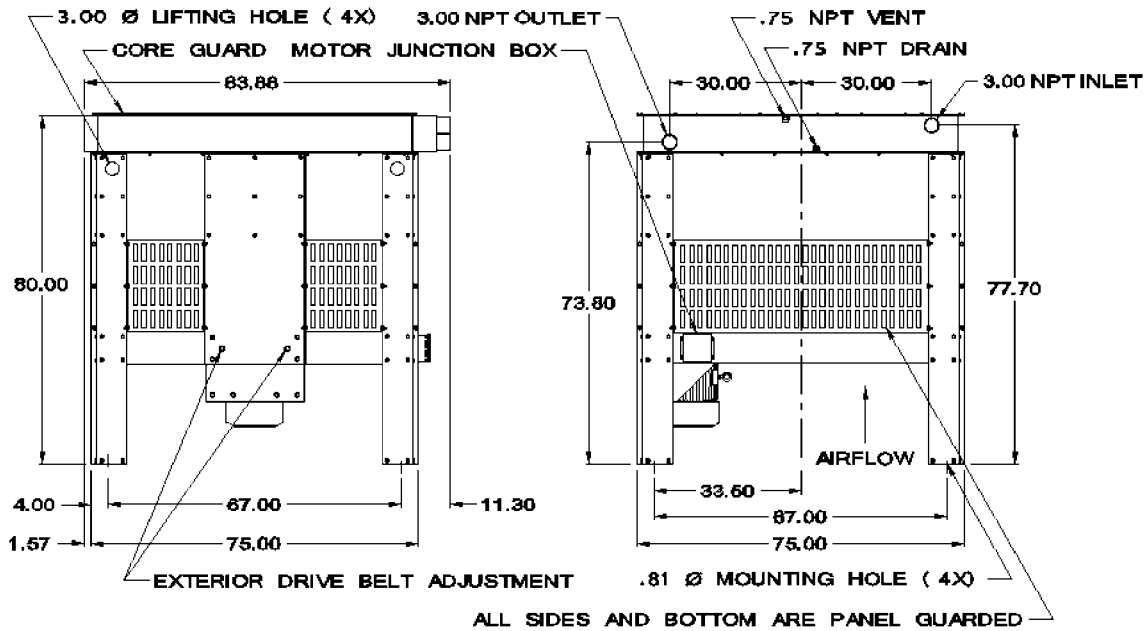


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q036

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 22.7 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: One (1) per unit, belt driven 60" dia. aluminum blades
MOTOR: One (1) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP				
	3	5	7.5	10	15
Unit Weight (lb)	1,755	1,811	1,882	1,924	2,027
SPL @ 25 ft (dBA)	59	61	63	64	65

Model Number Definition: HCR - Q036 - Motor Hp - # Passes
 Sample: a 4 pass radiator with 5 hp motor would be HCR-Q036-05-04



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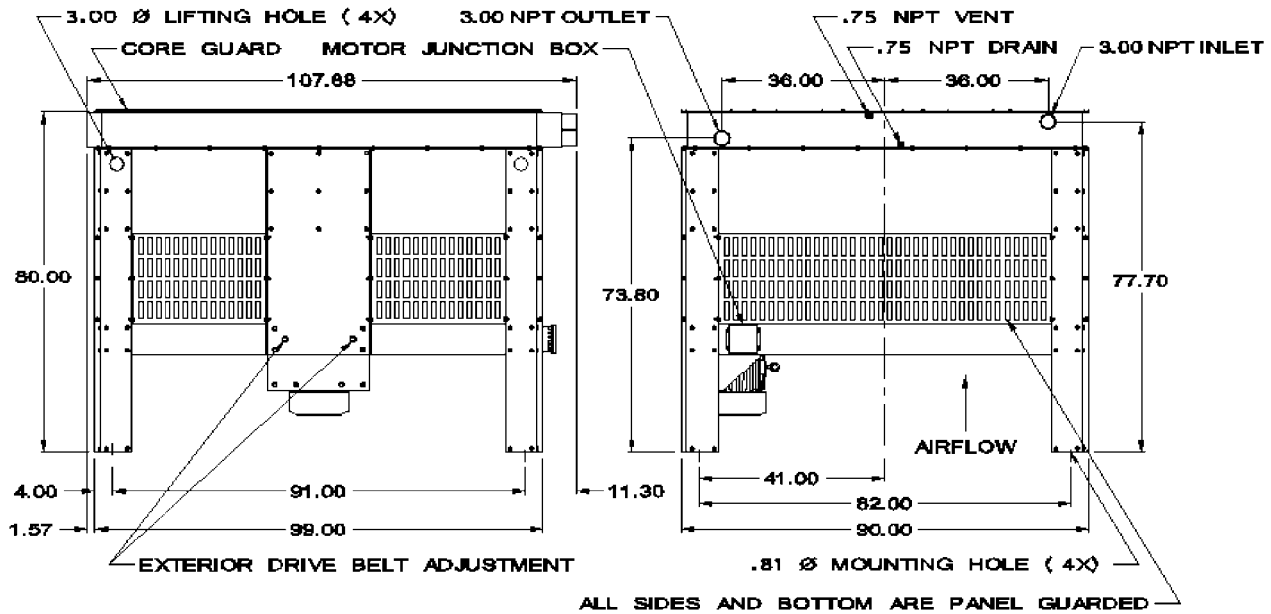


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q058

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 35.2 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: One (1) per unit, belt driven 84" dia. aluminum blades
MOTOR: One (1) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP							
	3	5	7.5	10	15	20	25	30
Unit Weight (lb)	2,156	2,204	2,286	2,329	2,459	2,496	2,566	2,663
SPL @ 25 ft (dBA)	61	64	65	66	68	72	73	74

Model Number Definition: HCR - Q058 - Motor Hp - # Passes
Sample: a 4 pass radiator with 15 hp motor would be HCR-Q058-15-04



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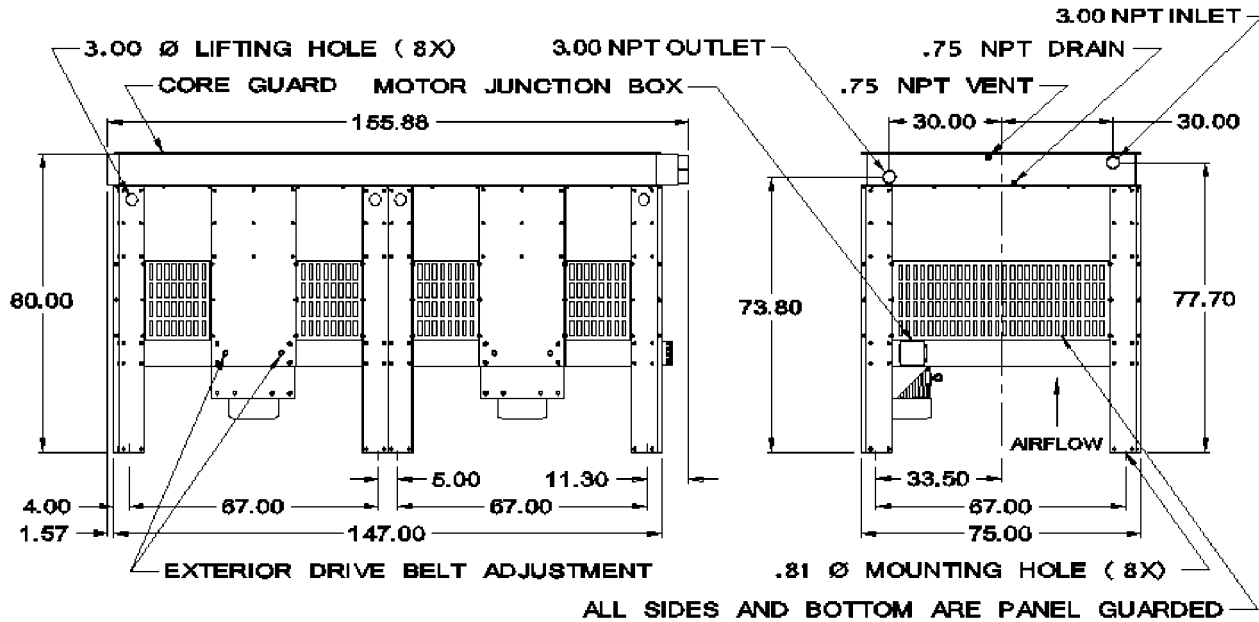


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q072

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 42.1 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Two (2) per unit, belt driven 60" dia. aluminum blades
MOTOR: Two (2) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP				
	3	5	7.5	10	15
Unit Weight (lb)	3,339	3,451	3,593	3,677	3,883
SPL @ 25 ft (dBA)	61	63	65	66	66

Model Number Definition: HCR - Q072 - Motor Hp - # Passes
 Sample: a 4 pass radiator with 5 hp motor would be HCR-Q072-05-04



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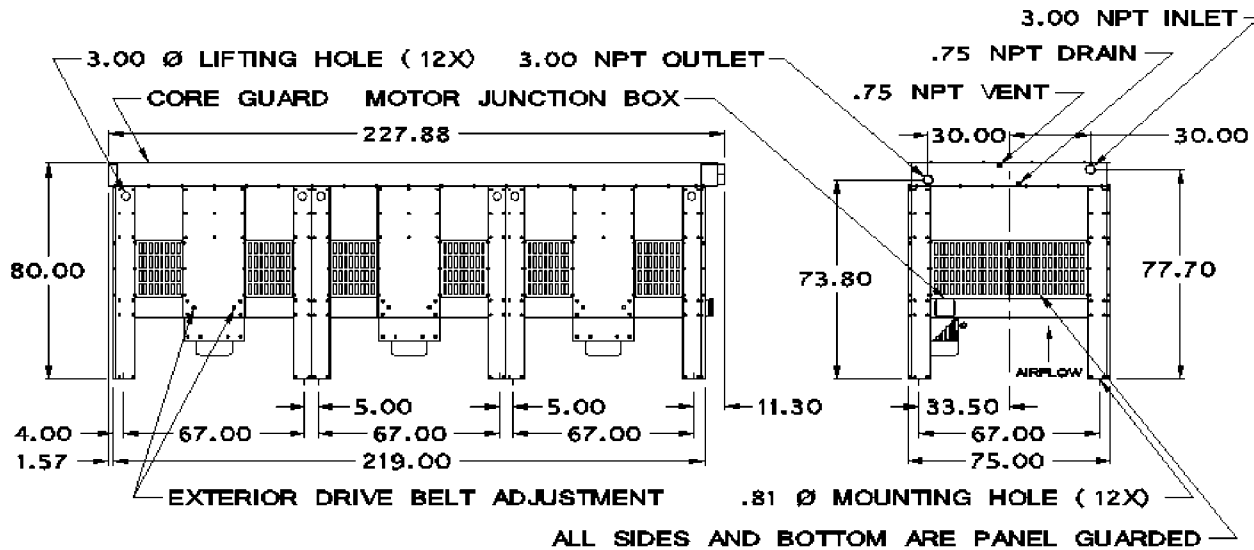


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q108

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 61.6 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Three (3) per unit, belt driven 60" dia. aluminum blades
MOTOR: Three (3) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP				
	3	5	7.5	10	15
Unit Weight (lb)	4,925	5,093	5,306	5,432	5,741
SPL @ 25 ft (dBA)	63	64	67	67	68

Model Number Definition: HCR - Q108 - Motor Hp - # Passes
 Sample: a 4 pass radiator with 5 hp motor would be HCR-Q108-05-04



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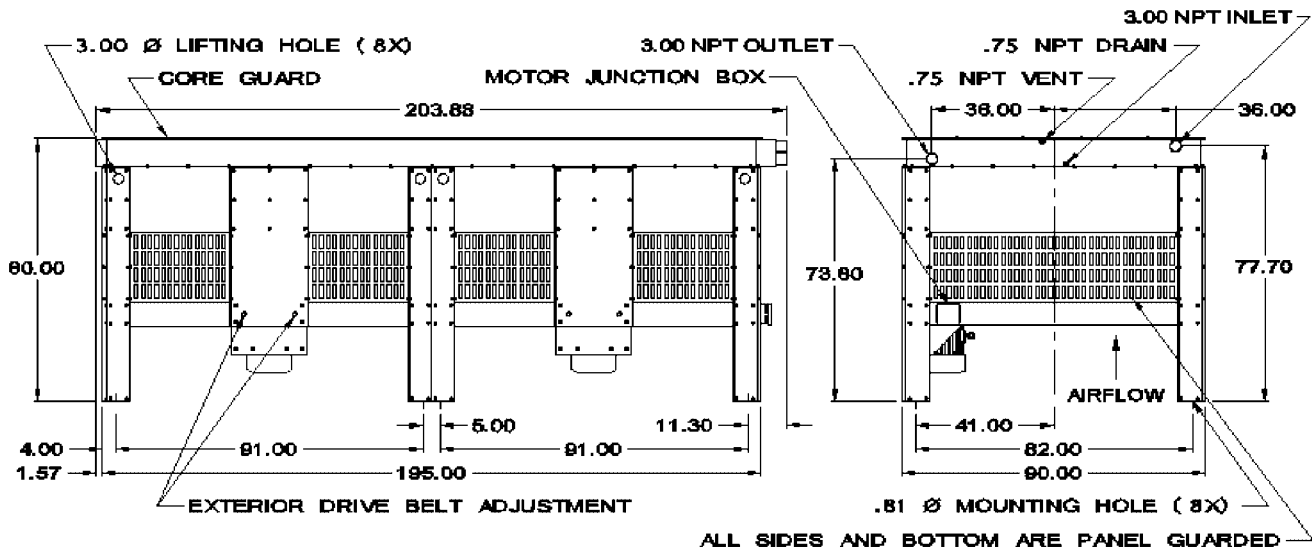


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q116

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 66.5 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Two (2) per unit, belt driven 84" dia. aluminum blades
MOTOR: Two (2) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP							
	3	5	7.5	10	15	20	25	30
Unit Weight (lb)	4,130	4,226	4,390	4,476	4,737	4,811	4,951	5,145
SPL @ 25 ft (dBA)	63	65	66	68	69	74	75	75

Model Number Definition: HCR - Q116 - Motor Hp - # Passes
 Sample: a 4 pass radiator with 15 hp motor would be HCR-Q116-15-04



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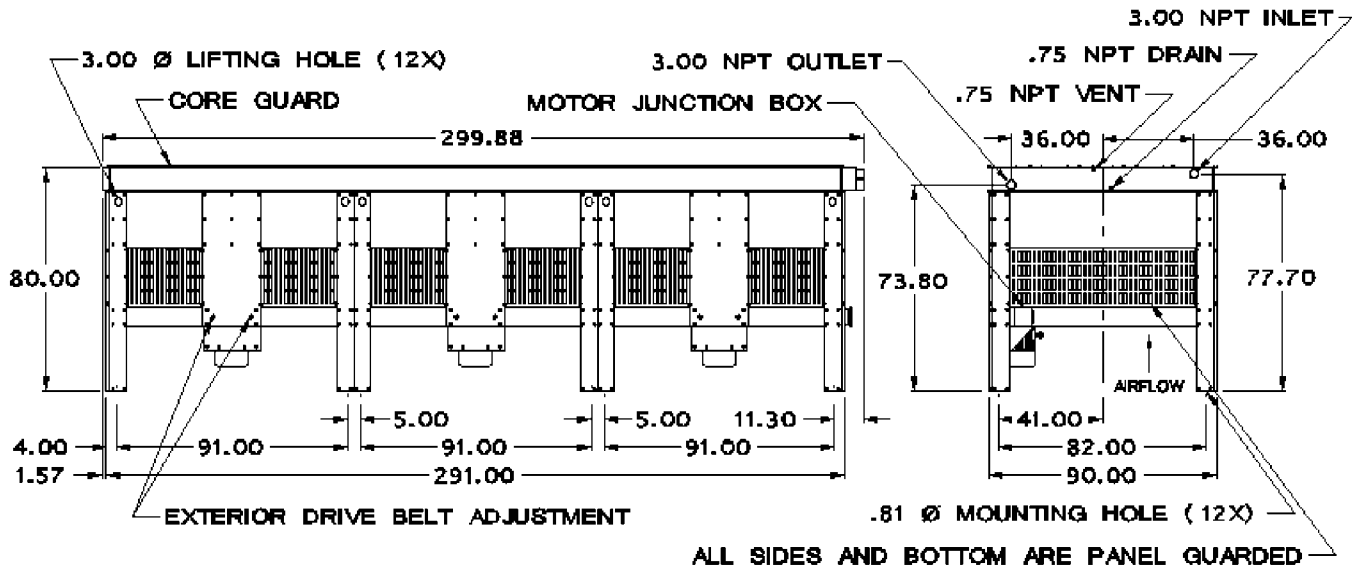


HCR Modular Series Cooling Systems

Horizontal Round Tube Radiators for Industrial Cooling Applications

HCR-Q174

HCR Q SERIES COOLING SYSTEMS



FLUID CAPACITY: 97.8 US gallons
COIL ARRANGEMENT: 2, 4, 6 or 8 passes
MATERIALS: Round copper tubes, aluminum plate fins, galvanized coil casing, powder coated structure
OPERATING TEMP: 300°F maximum
OPERATING PRESSURE: 250 psi maximum

FAN: Three (3) per unit, belt driven 84" dia. aluminum blades
MOTOR: Three (3) per unit, dual rated 60/50 Hz, TEFC motor wired to junction box
MOTOR VOLTAGE: 60 Hz, 230/460 V or 50 Hz, 190/380 V

	MOTOR HP							
	3	5	7.5	10	15	20	25	30
Unit Weight (lb)	6,106	6,250	6,496	6,625	7,016	7,127	7,337	7,628
SPL @ 25 ft (dBA)	64	66	68	69	70	75	76	77

Model Number Definition: HCR - Q174 - Motor Hp - # Passes
 Sample: a 4 pass radiator with 15 hp motor would be HCR-Q174-15-04



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