



hydroBLU Adiabatic CO2 Gas Cooler

GGFW 090.2A08/6LA-E257L/06P.M

Quantity: 1

Design Heat of Rejection:	2782 MBH	Fluid Pressure:	1188 psia
Rated Capacity vs. Design:	107.2 %	Entering Fluid Temperature:	215.6 °F
Air Flow per Unit:	118658 CFM	Leaving Fluid Temperature:	90.0 °F
Dry/Wet Bulb Temp:	100.0 / 80.0 °F	Fluid Pres. Drop at Design HoR:	18.94 psig
Dry Switch Point	84.9 °F	Elevation:	0 ft
Design Mass Flow	28451 lbs/h		

Detailed Unitary Data

Fans:	8, suitable for 460V/3Ph/60Hz	Sound Pressure @ 3ft:	74 dB(A)
Total Fan Power in/out:	20.6 kW / 25.4 HP, nominal	Sound Pressure @ 30ft:	61 dB(A)
FLA:	31.20 A	Sound Power Level:	94 dB(A)
MCA:	32.18 A		
MOCP:	35.00 A		
Angular Fan Velocity:	1050 RPM		

Casing:	Galv. Powder coated	Interior Coil Volume:	9.7 ft³
Coil:	Stainless Steel	Max Operating Pressure:	1740 psia
Fin Material:	Aluminum	Number of Support Anchors:	18
Fin Spacing:	10 FPI		

Dimensions

Height:	5.7 ft
Width:	4.7 ft
Length, nominal:	34.3 ft
Length, incl. water manifold:	0.0 ft

Weights

Shipping:	8451 lbs
Operating:	7537 lbs

Headers and Connections (Diameters)

Refrigerant	
Inlet Connections:	4 x 1.250 in
Outlet Connections:	2 x 1.250 in
Headers:	
Inlet:	1.250 in
Outlet:	1.250 in
Water:	
Inlet Connections	1 in
Outlet Connections	2 in

Water Side

Water Inlet Pressure Range:	20.00 – 60.00 psig
Evap. Rate @ Design:	3.5 GPM
Design/Max Water Flow:	4.7/ 12.4 GPM
Water Equip. Cycle of Conc.:	4.0

Options

aicore™ cloud - IoT

Important Remarks / Explanatory Notes

Service

Terms of Delivery:
 Payment Cond:
 Delivery Time:
 Validity: 01/17/2026

Our general terms of sales and delivery apply.

