

Spec Sheet
Government's Minimum Need

QTY: 1

Specifications:

GENERAL	1	Drive	-	Diesel and Plug-In
	2	Tier level	-	Tier 4F/Stage 5
	3	Engine model	-	CUMMINS QSF3.8
	4	Electrical Power Requirement (Plug-In)	A	125
PERFORMANCES	1	Air Flow	kg/s (lb/s)	Up to 1.5 (3.31)
	2	Cooling performance	-	1.5kg/s, 0°C at 35°C/95°F, 50%RH 1.3kg/s -2°C at 35°C/95°F, 50%RH
	3	Cooling Capacity	TR	40 (following AHRI 540-2020)
	4	Heating Capacity at -20 °C	kW (kBTU/h)	90 (307.4)
	5	Heating Air Output Temp.	°C (°F)	50 (122) (desirable not required)
	6	Delivered Air Pressure	Pa (in H2O)	Max. 6500 (26)
EQUIPMENTS	1	Expansion valves	-	Electronically regulated expansion
	2	Compressor Type	-	Scroll
	3	Number of Compressors	-	3
	4	Condenser Type	-	Roof mounted
	5	Refrigerant	-	R410A
AXLES	1	Tires	-	Solid tire
	2	Number of wheels – front	-	2
	3	Number of wheels - rear	-	2
DIMENSIONS AND WEIGHT	1	Overall width Max (A)	mm (in)	2174 (85.6)
	2	Body width Max (B)	mm (in)	2121 (83.5)
	3	Overall height Max(C)	mm (in)	1905 (75) with Tier 3/4F, 2170 (85.5) with Stage 5
	4	Body height Max (D)	mm (in)	1654.1 (65.1)
	5	Overall length with raised towbar Max (E)	mm (in)	5073 (200)
	6	Body length Max (F)	mm (in)	3946 (155.3)
	7	Hose storage length (G)	mm (in)	630 (24.8)
	8	Outlet ducting diameter (H)	mm (in)	300 (12")
	9	Outlet ducting height (I)	mm (in)	1046 (41.2)
	10	Outlet ducting location (J)	mm (in)	710 (28)
	11	Ground clearance (K)	mm (in)	276 (10.9)
	12	Forklift pockets width (L)	mm (in)	292 (11.5)
	13	Forklift pockets minimum spacing (M)	mm (in)	978 (38.5)

	14	Forklift pockets height (N)	mm (in)	83.4 (3.3)
	15	Wheelbase (O)	mm (in)	3750 (147.6)
	16	Total gross weight Max	kg (lbs)	3500 (7720)
MISC.	1	Max travel speed	km/h (mi/h)	25 (15)
	2	Sound pressure level	dB(A)	81.1 (@ 4.6 meters)
	3	Battery voltage	V DC	24
	4	Parking brake	-	Brakes applied when tow-bar is raised
	5	Towing coupling, type DIN 15170	mm (in)	Internal diameter 63.5 (2.5)

Additional Specifications:

- 1- The unit must be in a new condition
- 2- Equipped with single hose applications for commuters and certain narrowbody aircraft
- 3- Equipped with a compartment for hose storage
- 4- Must have PLC Control
- 5- Must have VFD controlled blower
- 6- Equipped with DANFOSS compressors
- 7- Must have CUMMINS QSF 3.8 engine
- 8- 212 l (56 gallon) fuel tank
- 9- Batteries: 2 x 12 V
- 10- Front axle with 5th wheel design (turn-table)
- 11- Brakes applied when tow-bar is raised or lowered
- 12- Hot dip galvanized chassis
- 13- Color: TLD white & grey panels
- 14- Amber flashing warning beacon
- 15- Red rotating low fuel beacon
- 16- Insulated 30ft flat air delivery hose
- 17- Aircraft coupler and hose clamps
- 18- 125A electric or diesel power operation dual mode
- 19- Procurement Lead Time shall not exceed 14 weeks
- 20- Delivered to Edwards, CA