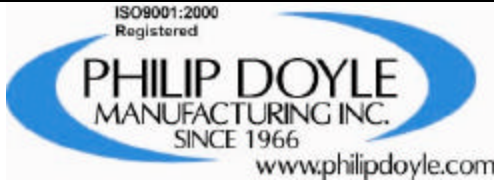


1.	All Motors:	<ul style="list-style-type: none"> All motors are 1800 RPM unless stated otherwise. AC 240, 460, 575 - 3 phase 60 Hz. Totally enclosed, Fan cooled, Class F Insulated. Other Voltages & 50 Hz available. 240 Volt DC - Totally enclosed, Class F insulated, Non-Ventilated or Fan cooled available, normally minimum 1 HP size, 1750 RPM.
2.	Construction Specification and Coatings:	<ul style="list-style-type: none"> Structural Steel Frame 16 and 20 gauge steel fixed panels Double skinned insulated access doors Quick release door fasteners Coated fiberglass internal insulation Stainless steel condensate water pan and filter rack Belts drives equipped with adjustable tilt bases.
3.	Electrical:	<ul style="list-style-type: none"> NEMA/CEMA 12 panel pressurized with filtered cooled air. NEMA/CEMA 4 option available. AC - minimum size 1 starters DC - 25 Amp. minimum rating across line starters for 1 HP maximum; Two stage starters for larger motors. NEMA or IEC Contactors Remote cabin thermostat / Return air thermostat and selector switch. Options: <ul style="list-style-type: none"> Lead / Lag controllers Humidity control Low ambient control Freeze protection Fire (heat and/or smoke) detection Motorized dampers
	Filters:	<p>A) Dust</p> <ul style="list-style-type: none"> Polyester disposable roughing media filter. Disposable medium efficiency Ashrae 52-76 Media filters, 25% minimum. High efficiency 55 to 90% media filters. HEPA Absolute media filter, 99.97% efficient or 0.3 micron particles. OSHA standards. <p>B) Gas</p> <ul style="list-style-type: none"> Full or partial flow activated charcoal. Full-flow activated alumina pellets impregnated with potassium permanganate.
5.	Evaporator Coil Direct Expansion Coil:	<ul style="list-style-type: none"> Aluminum x 0.010 inch thick, 8 fins/inch copper tubes minimum. 4 Rows – Crane Models C150, C200, C240, C500, C750, C1000 , Enclosure Models 100 to 750 (1 to 7½ Tons) 6 Rows – Crane Model C1500 and Enclosure Models 1000 to 6000 (10 to 60 Tons)
6.	Air-Cooled Condenser Coil	<ul style="list-style-type: none"> Aluminum x 0.010 inch thick fins, 6-8 fins/inch copper tubes minimum, 4 Rows deep, cleaning action



AIR CONDITIONERS
GENERAL EQUIPMENT SPECIFICATION
Overhead Crane Systems,
Stationary enclosure (Pulpits, E-Rooms, PCR
Mobile Systems
Man-Cooler (Spot-Cooling) Once Through Systems

95 Covington Street, Hamilton, ON, L8E 2Y4 Phone 905-561-0545 Fax 905-561-5858 Email: info@philipdoyle.com

7.	Compressor:	<ul style="list-style-type: none"> • Open type, reciprocating, belt driven with flywheel, suction and discharge valves, adjustable tilt base. • Semi-Hermetic for Stationary equipment and subject to application
8.	Refrigeration Controls:	<ul style="list-style-type: none"> • Each unit includes a receiver, drier, sight glass indicator, thermal expansion valve pressure control, refrigerant hoses and fittings, crankcase heater. • Options Available: Separate head pressure control, compressor unloaders, low ambient control, hot gas bypass, freeze protection.
9.	Supply Fan:	<ul style="list-style-type: none"> • Direct driven, single width single inlet forward curved, rated for each model. • Optional: Belt driven centrifugal SWSI or DWDI, BI available subject to CFM and static pressure requirements
10	Separate Pressurizing Fan Option:	<ul style="list-style-type: none"> • Direct driven single width single inlet fan with filter, heater. • Dust collectors (Cartridge or bag type) for severe dirt load environments
11.	Optional Custom Equipment Features:	<ul style="list-style-type: none"> • Two or three piece configurations to suit space available • Other custom one-piece shapes to suit limited spaces on existing cranes • Other construction and hardware • 3 to 10 kW. electric heaters with contactors and controls • Rubber seal mat for cabin roof mount unit • Flexible insulated ducts, collars, plenums, and clamp package for bridge mounted units. • Supply and return air louver and grille package. • CEMA (NEMA) 4 water tight construction, Stainless steel panels, Coal tar Epoxy Heresite coating of condenser and evaporator coils • 20 gauge Stainless steel access panels, evaporative remote condensate water pans. • Corrosive environment applications