



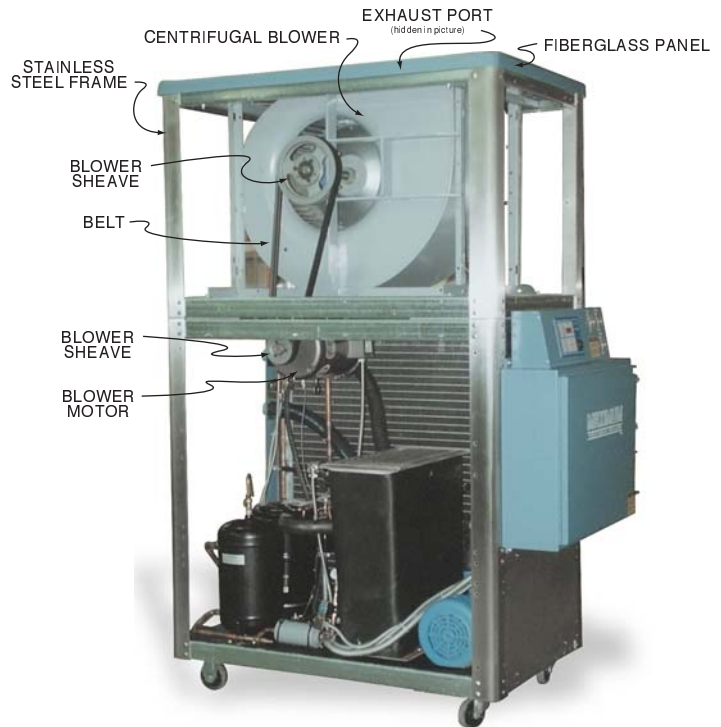
TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

SUBJECT: BLOWER OPTION ON MK-A 5 / 7.5 / 10 TON PORTABLE CHILLERS #3-A-211 12/02/1996

Maximum 'MK' 5, 7.5 and 10 ton air cooled portable chillers can be supplied with the centrifugal blower option, as shown.

A centrifugal blower is generally optioned for the following reasons:

- **GREATER AIR FLOW** (increased CFM). This allows the chiller to operate at lower head pressures in high ambient temperature conditions.
- **ACCEPTS A DAMPER ASSEMBLY.** This regulates the operating head pressure in low ambient temperature conditions.
- **FLANGE MOUNTINGS** that can easily accept exhaust air duct work for supplemental winter heating and summer ventilation.
- **BUILT ON PILLOW BLOCK BEARINGS** with grease fittings that provides for longer service life and effort-free maintenance.



'MK' AIR COOLED PORTABLE CHILLERS

		MK-5A	MK-7.5A	MK-10A
COMPRESSOR	Capacity ⁴	5	7.5	10
	HP each	5	7.5	10
	Type ⁵	H	H	H
PROCESS PUMP ¹	HP	2	2	2
	GPM	12	18	24
	PSI	63	58	57
PIPE SIZE (NPT - INCHES)	Process (To and From)	1 1/4	1 1/4	1 1/4
	Make-up (Optional)	1/2	1/2	1/2
CONDENSER	Type ⁶	F	F	F
	Motor Quantity	1	2	2
	Motor HP	3/4	3/4	3/4
	CFM	5,000	10,000	10,000
	S.P. ⁷	n/a	n/a	n/a
RUN LOAD/FULL LOAD AMPERAGE ²	230 volt	26/30	36/42	42/52
	460 volt	13/15	18/16	21/26
	575 volt @ 30/60hz ³	11/12	15/13	17/21
REFRIGERANT	Type	HCFC-22	HCFC-22	HCFC-22
	Gallons	25	25	25
	DIMENSIONS (INCHES)			
DIMENSIONS (INCHES)	Height	91	91	91
	Width	34	34	34
	Depth	54	54	54
WEIGHT (LBS)	Shipping ⁸	700	1250	1300

1. Consult FYI #3-C-36 for exact characteristics relating to pump curves
 2. No allowance for inrush. Service disconnect by owner. Full load amps must be used to size disconnects and supply conductors.
 3. Consult factory for 50hz operation.
 4. Ton capacity at 12,000 BTU/ton @ 50°F LWT @ 115°F condensing temperature. Capacities may be +/- 5% as reserved by the compressor manufacturer. Capacities multipliers are: 50°F - 1.00, 40°F - .80, 30°F - .60, 20°F - .40
 5. H - hermetic compressor; S - semi-hermetic compressor
 6. F - fan assembly; B - centrifugal blower assembly
 7. Static pressure in inches of water.
 8. Unit weight crated for shipment.