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Policy Letter No 12/2012

Directorate General Married
Accommodation Project (DG MAP)
Engineer-in-Chief's Branch,
Integrated HQ of MoD (Army)
Kashmir House, Rajaji Marg,
DHQ PO, New Delhi-110011

21379/Spec Ph-III/P&S/11/MAP

10 Jul 2012

(All PMs & DEPMCs)

SPECIFICATIONS: EXHAUST FANS 300 mm 6 POLES

1. Refer this Headquarters letter No 21378/Vendor PH-III/P&S/03/MAP dt 29 Jun 2012.
2. Given in the succeeding sub paragraphs are the specifications for Exhaust Fans 300 mm 6 Poles for the future projects of MAP Phase-II & Phase-III:-
 - (a) Exhaust fan 300 mm sweep as per IS 2312-1967 with amendment no 1 to 8 suitable for single phase AC 230 Volts , 50 c/s capacitor run complete with mounting ring four Nos fixing holes with louver shutters and having under mentioned features:-

(i)	Sweep	300mm
(ii)	Number of poles	6 poles
(iii)	Air deliver at reted voltage (cubic meter per hour)	1145
	Power input	55 watt
	Current at rated voltage	0.26 A
	Rated voltage with frequency	230 volts 50 Hz Single Phase
	Power factor	0.9
	Rated speed in RPM	900±5%
	Fan casting material	Aluminium
	Mounting ring frame meterial its thickness type and Grade	Frame MS Sheet, 0.8mm
	Class if insulation of motor	Class E
	Type of bearing	Double ball bearing & made of steel
	Type of lubricant system	Suitable grease cup shall be provided per bearing separately
	Number of blades	Four
	Material and thickness of blade	0.8 to 1.0 mm
	Meterial and thickness of shaft	450 mm mild steel
	Capacitor rating in micro-farad	Comply with IS 1709-1960 (1.70 to 2 mfd)

	Method of mounting Capacitor	Capacitor should be mounted on fan motor back over with suitable clamp.
	Type and grade of primer and finishing	Grey enameled paint with primer coats.
	Thickness of bracket	3mm
	Frame Ms Sheet	Frame MS Sheet 0.7 MM louvers Aluminium Sheet 0.40 mm
	Flexible rubber pads (Heavy duty)	To reduce fan motor vibrations.

(JS Sodhi)
Lt Col
SO 1 (P&S)
for DG MAP

Internal

Team 'A' - for necessary action please

Team 'B' - -do-

Contract Section Team 'A' - -do-

Contract Section Team 'B' - -do-

Arch Section - -do-