

Description

agosto 6, 2018

Job Description: **TEPCO**
Reference: **item 02**
Fan Type: **Backward Inclined/Curved Centrifugal Fans**
Fan Model: **Design 51 Type B SW**
Fan Size: **150**
Fan Width: **100%**

SOMAX-CHICAGO BLOWER - BRAZIL
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Performance

Values are in accordance with AMCA Standard 210

	Flow (M ³ /HR)	SP (MM WG)	Density (KG/M ³)	Temp. (° C)	Elev. (M)	Speed (RPM)	Power (KW)	Power @ 21.1° C (KW)	Static Eff. (%)	OV (M/S)	Damper Opening (%)
Design	4000	130	1.09	21	800	2720	1.87		75.7	9.27	0

Fan Discharge Area (M ²)	0.12
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Maximum Speeds at 30° C (RPM)

Class 1	2626
Class 2	3804
Class 3	4785
Class 4	5000

Sound

Values are in accordance with AMCA Standard 300

External Sound Power Levels (dB)

Center Hz	63	125	250	500	1000	2000	4000	8000
L _{wi}	86	85	85	84	81	78	73	67
ERC	13	8	4	1				

Sound Pressure 1 M from Fan (dBA): 78

L_{wi} (L_{wo}) is sound power at the fan inlet (outlet)/airstream, less ERC.

Sound Pressure, Radiated, 1 M from 10 GA housing 53 dBA.

