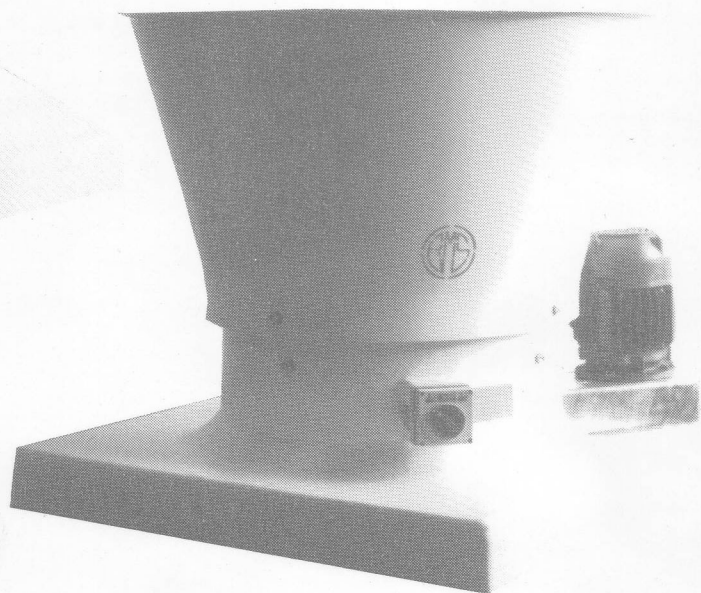
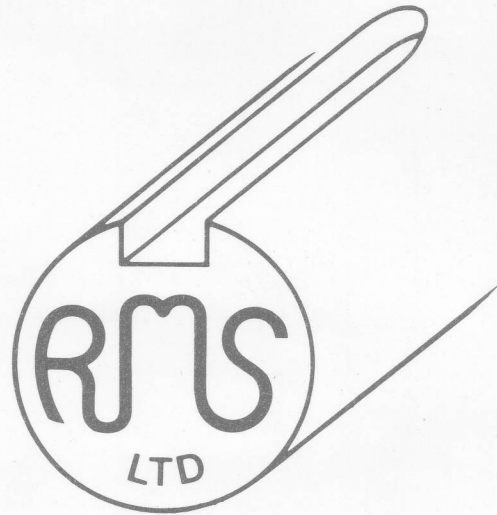


# ROOF EXTRACT UNITS

VERTICAL DISCHARGE  
DIRECT OR BELT DRIVE



ROTATING MACHINERY SUPPLIES  
LIMITED

P.O. BOX 5155, 17 SOMERSET ST., HAMILTON. PHONE 73-374



## RMS VERTICAL DISCHARGE ROOF EXTRACT UNITS

### MODELS:

RMS Roof Extract units are available in 450mm, 610mm and 760mm diameter with impellar speeds of 900 and 1400rpm providing a range of extract capacities from 750 — 15,000 cubic feet of air per minute. Belt driven units are available in 610mm and 760mm diameters.

### APPLICATIONS:

Air extraction from workshops, factories, warehouses, foundries, commercial kitchens, laundries, shops, plant rooms, boiler houses, automotive garages or anywhere where heat, stale air or fumes are to be removed through the roof of a building. RMS Roof units can be connected to ducted extract systems.

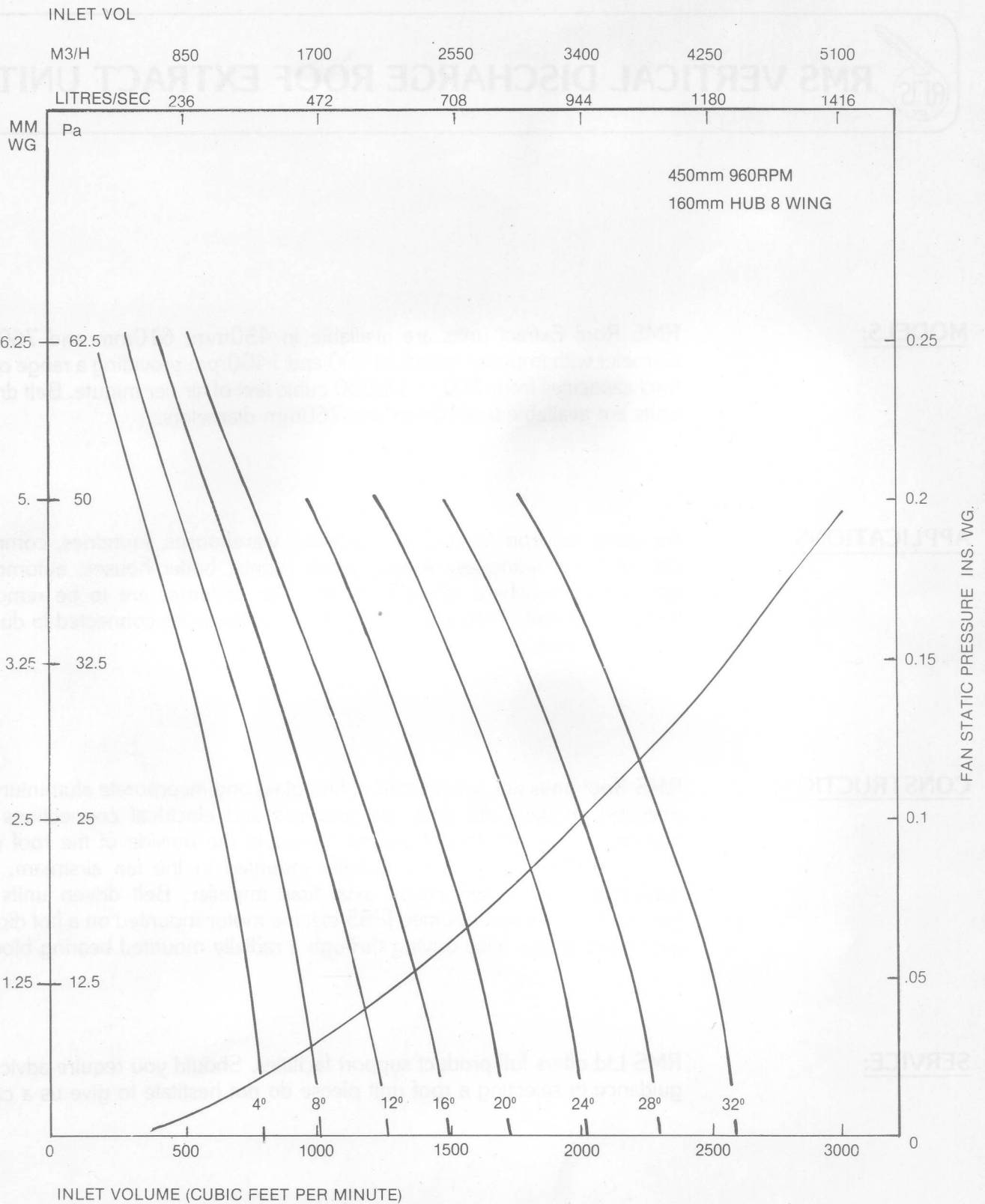
### CONSTRUCTION:

RMS Roof units are constructed in fibreglass and incorporate aluminium air operated shutters. All units are prewired and electrical connections terminated at a weatherproof isolator affixed to the outside of the roof unit. Totally enclosed motors are radially mounted in the fan airstream. Fan blades are the proven Hison axial flow impellar. Belt driven units are powered by a flange mounted IP55 electric motor mounted on a hot dipped galvanised motor base driving through a radially mounted bearing block.

### SERVICE:

RMS Ltd offers full product support facilities. Should you require advice or guidance in selecting a roof unit please do not hesitate to give us a call.

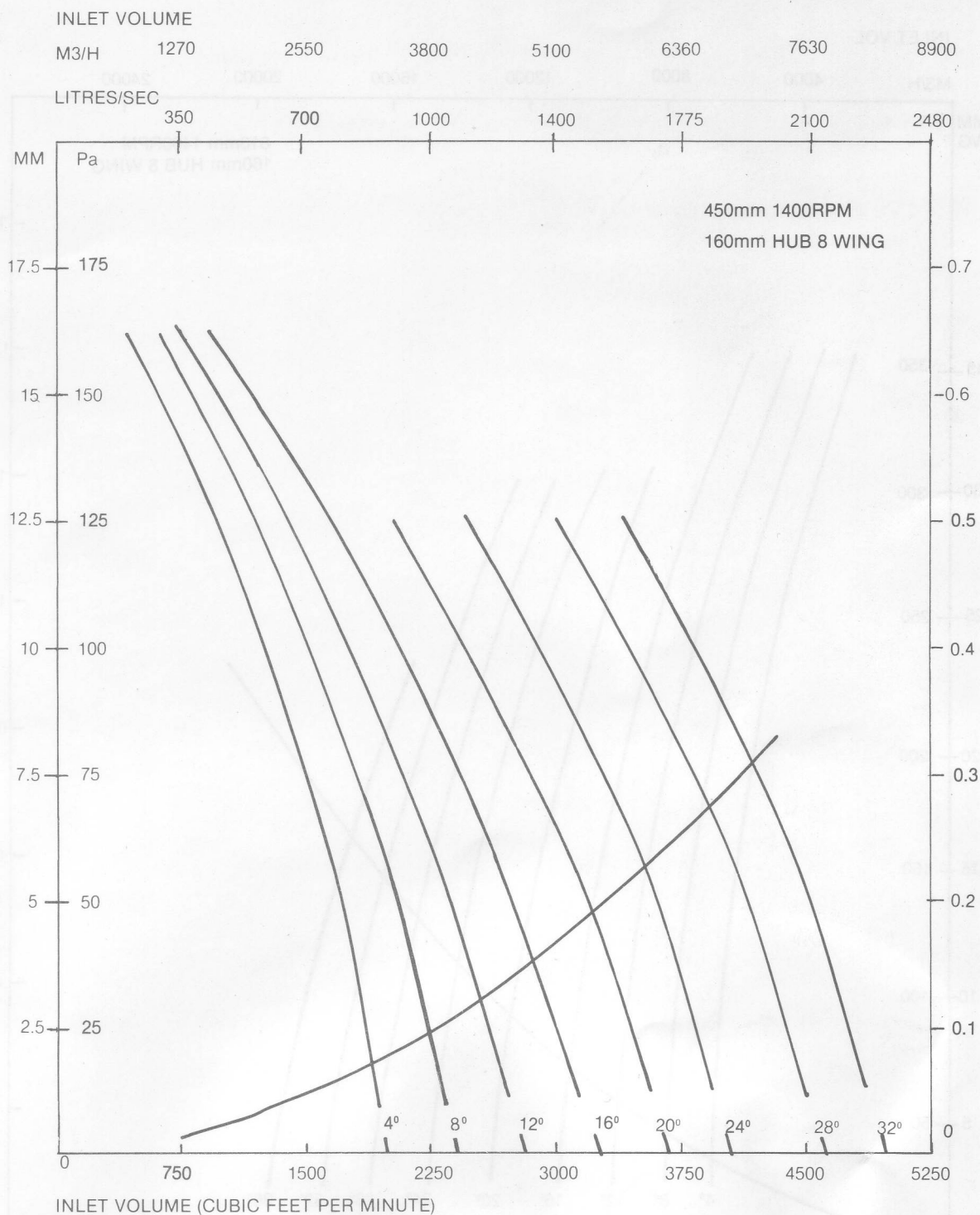
PITCH ANGLE							
32	28	24	20	16	12	8	4
0.16	0.13	0.1	0.08	0.06	0.04	0.03	0.02
0.08	0.07	0.05	0.04	0.03	0.02	0.01	0.01



PITCH ANGLE	4	8	12	16	20	24	28	32
DUTY HP (PEAK) Direct	.03	.04	.05	.06	.08	0.1	0.13	0.16
SOUND PRESSURE dBa	48	50	51	53	55	57	59	60

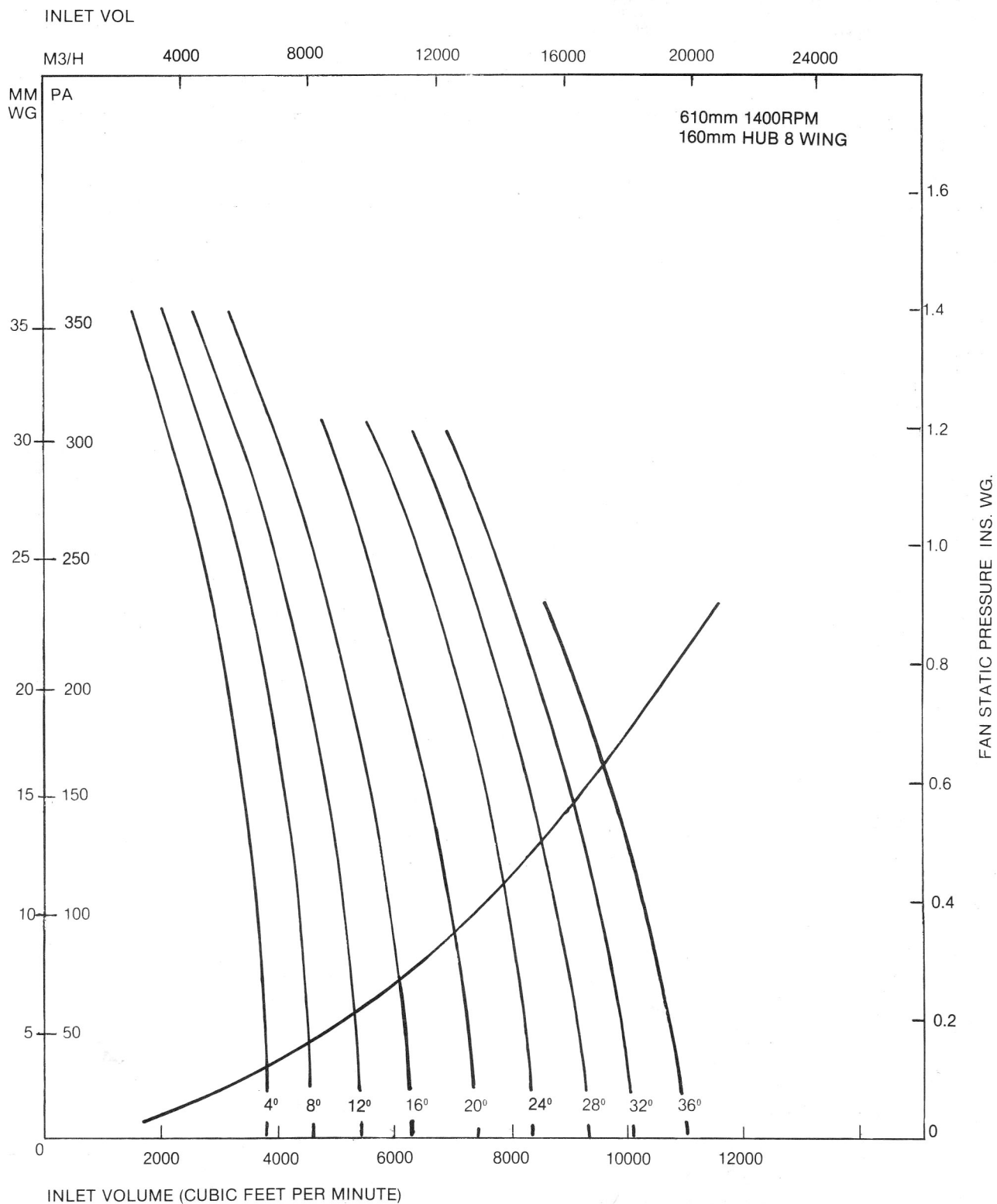
**STANDARD DRIVE ½hp 6 Pole**  
**MAXIMUM PITCH 32°**





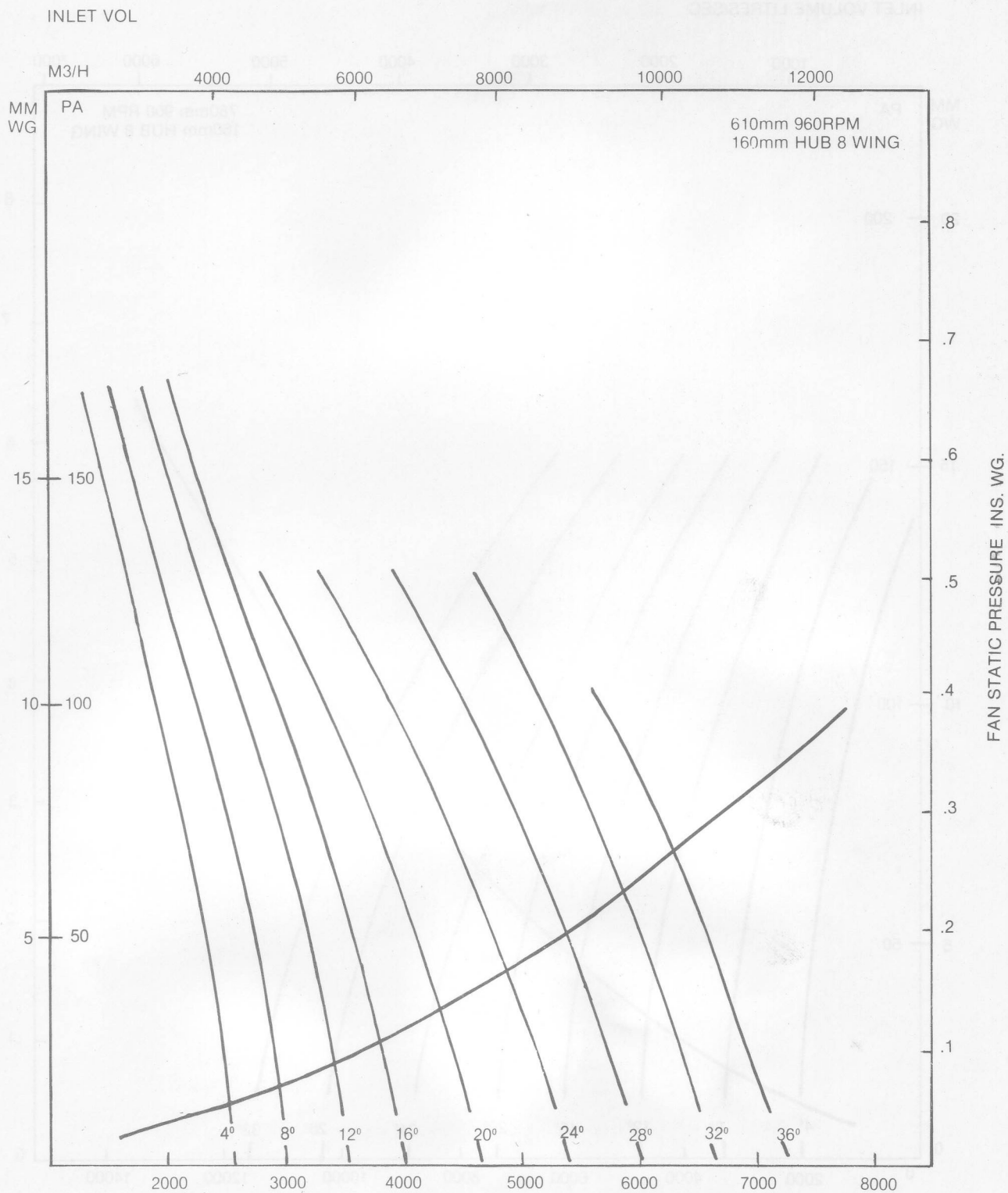
PITCH ANGLE	4	8	12	16	20	24	28	32
DUTY HP (PEAK) Direct Drive	.1	.13	.16	0.2	0.3	0.4	0.5	0.6
SOUND PRESSURE dBa	60	62	63	65	67	69	71	72

**STANDARD DRIVE 1hp 4 Pole**  
**MAXIMUM PITCH 32°**



PITCH ANGLE	4	8	12	16	20	24	28	32	36
DUTY HP (PEAK) Direct Drive	.5	.75	.95	1.15	1.55	1.9	2.2	2.5	2.8
SOUND PRESSURE dBa	66	67	68	70	72	74	76	77	77

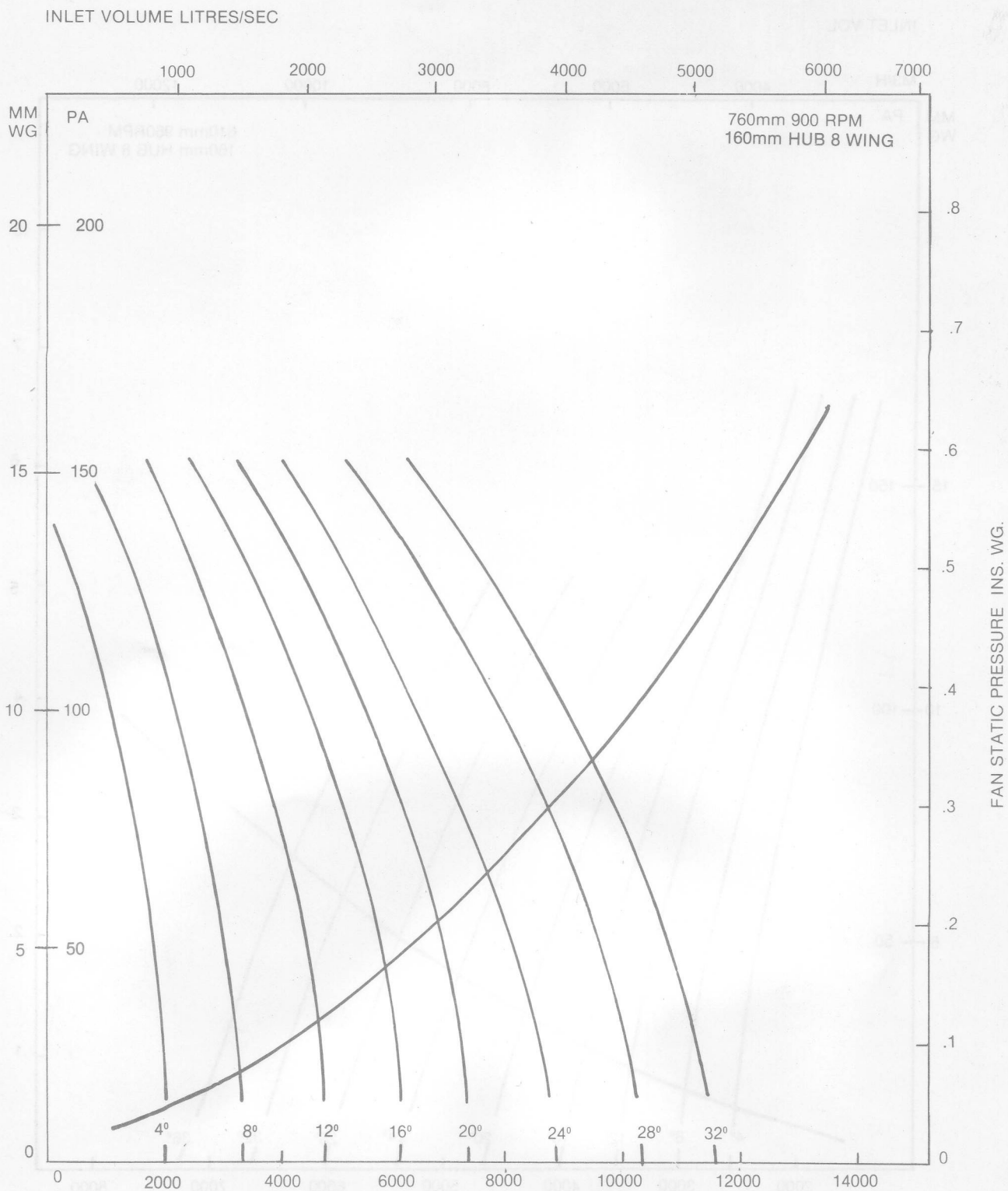
**STANDARD DRIVE 3hp 4 Pole**  
**MAXIMUM PITCH 36°**



INLET VOLUME (CUBIC FEET PER MINUTE)

PITCH ANGLE	4	8	12	16	20	24	28	32	36
DUTY HP (PEAK) <sup>Direct Drive</sup>	.21	.26	.3	.32	.35	.45	.55	.67	.8
SOUND PRESSURE dBa	55	56	58	60	62	64	66	67	68

**STANDARD DRIVE 1hp 6 Pole**  
**MAXIMUM PITCH 36°**

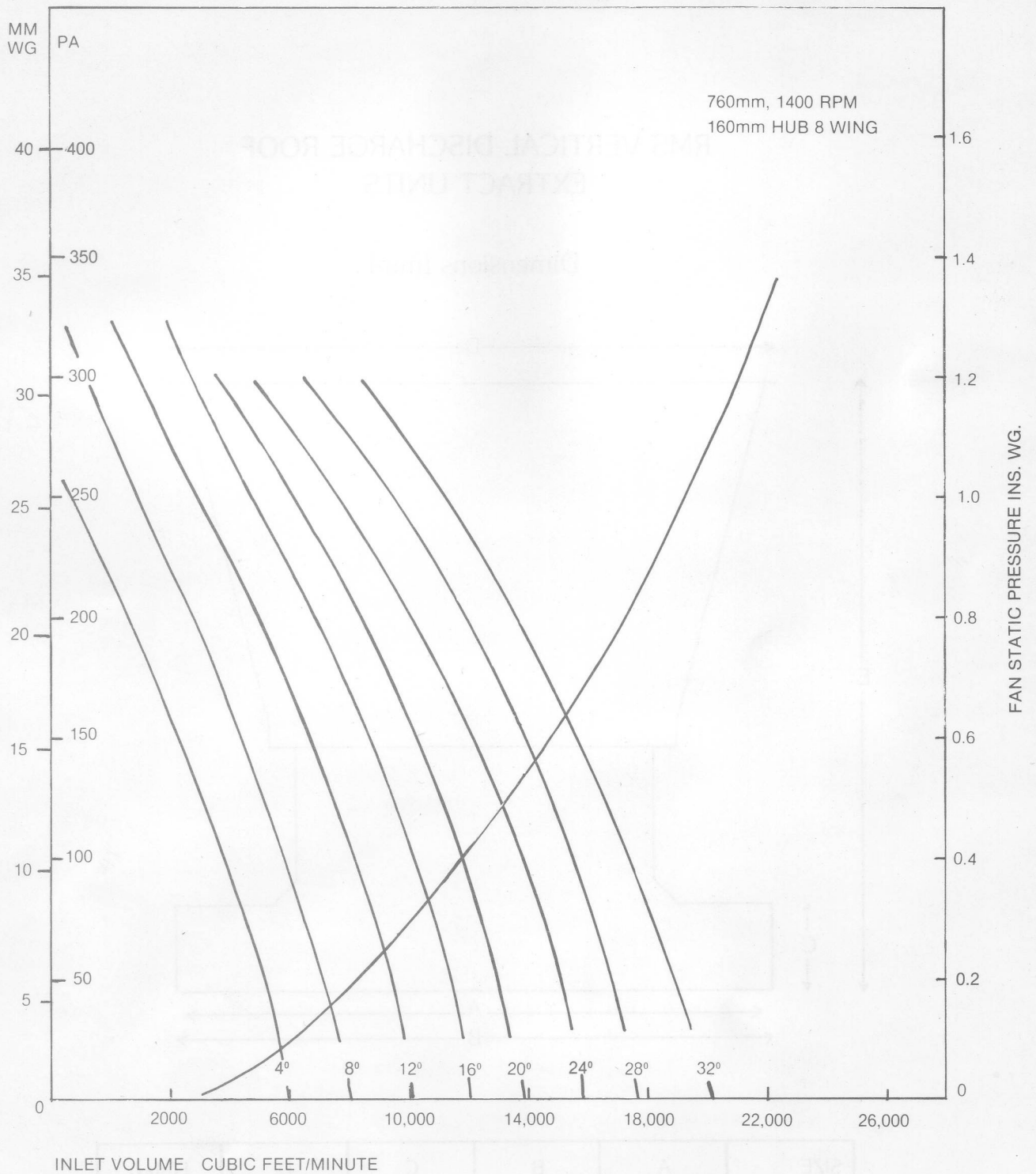


INLET VOLUME (CUBIC FEET PER MINUTE)

PITCH ANGLE	4°	8°	12°	16°	20°	24°	28°	32°
DUTY HP (PEAK) Direct	.26	.36	.53	.67	.86	.98	1.24	1.75
SOUND PRESSURE	61	62	63	64	65	66	67	68

**STANDARD DRIVE 2hp 6 Pole**  
**MAXIMUM PITCH 32°**





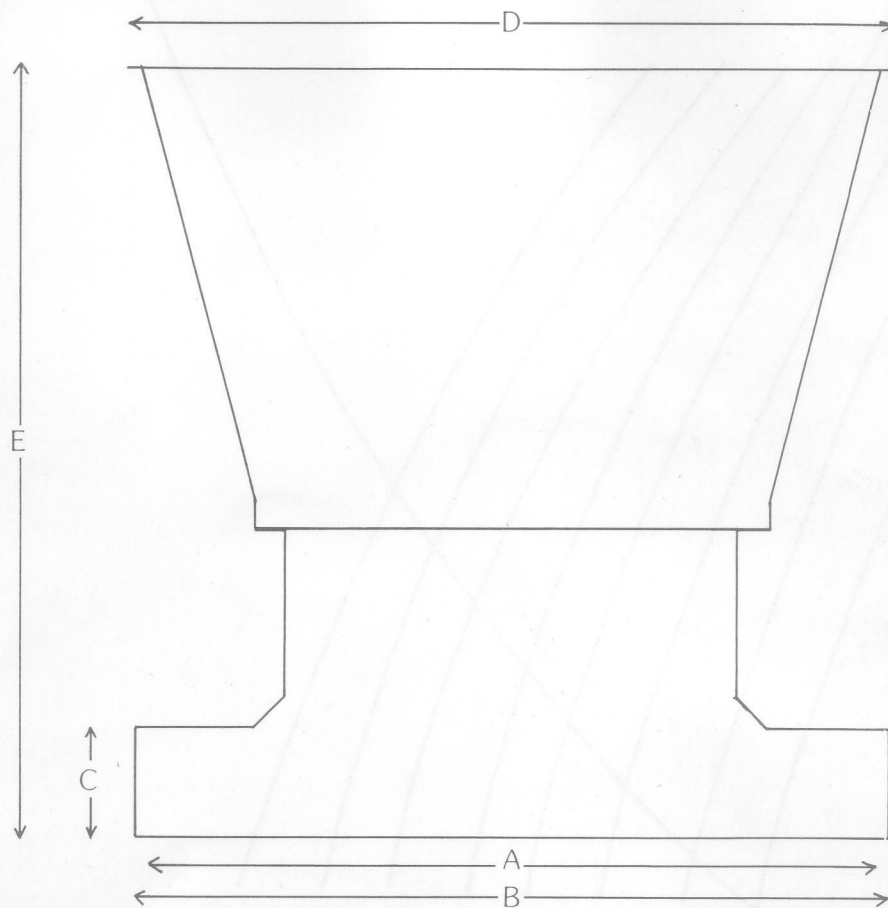
PITCH ANGLE	4°	8°	12°	16°	20°	24°	28°	32°
DUTY HP (PEAK)	.3	.62	.95	1.6	2	2.7	3.8	4.7
SOUND PRESSURE	72	73	74	75	76	76	77	78

**STANDARD DRIVE 5½hp 4 Pole**  
**MAXIMUM PITCH 32°**



## RMS VERTICAL DISCHARGE ROOF EXTRACT UNITS

Dimensions (mm)



SIZE	A	B	C	D	E(Max)
RMS450	785	800	110	870	800
RMS610	970	1000	100	1000	900
RMS760	1200	1230	125	1200	1200