



UNIVERSAL SILENCER

A DIVISION OF NELSON INDUSTRIES, INC.
P.O. Box 411, Stoughton, Wisconsin 53589
608-873-4272 Fax 608-873-4298

SURS SERIES BLOWER SILENCERS

DRAWING

A-55-00A-SS

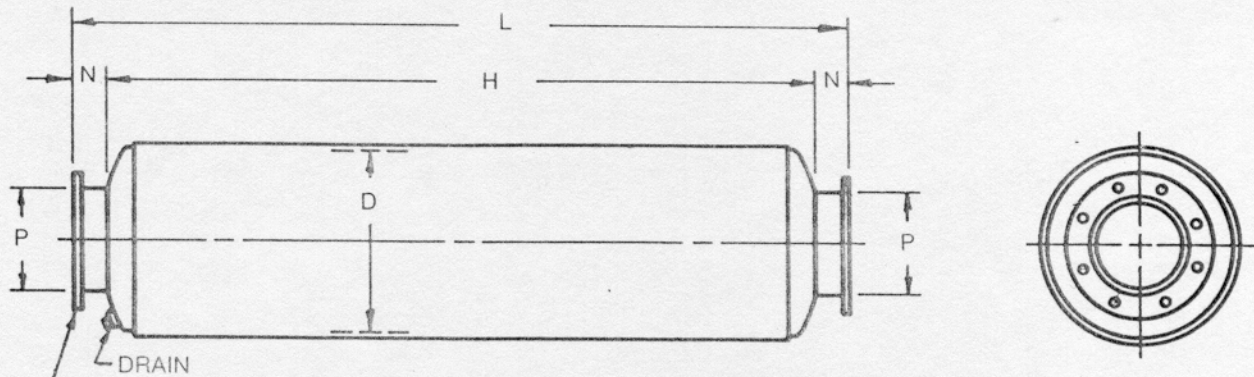
REV.

4

DRAWN

DATE

4-1-91



SIZES 2" - 3½": MALE THREADED NIPPLES
SIZES 4" - 14": 125/150# A.N.S.I. DRILLED FLANGES

MODEL	PART NUMBER	P	D	L	N	H	WEIGHT
SURS-2	55-A02-SS	2	12	40	3	34	55
SURS-2½	55-A25-SS	2½	12	40	3	34	55
SURS-3	55-A03-SS	3	12	46	3	40	60
SURS-3½	55-A35-SS	3½	14	59	3	53	90
SURS-4	55-A04-SS	4	14	59	3	53	100
SURS-5	55-A05-SS	5	16	71	3	65	160
SURS-6	55-A06-SS	6	18	72	3	66	200
SURS-8	55-A08-SS	8	26	111	3½	104	520
SURS-10	55-A10-SS	10	30	136	3½	129	810
SURS-12	55-A12-SS	12	36	138	3½	131	1130
SURS-14	55-A14-SS	14	36	168	3½	161	1400
SURS-16	55-A16-SS	16	42	181	3½	174	1800
SURS-18	55-A18-SS	18	48	188	3½	181	2500
SURS-20	55-A20-SS	20	48	214	4½	205	2850

SURS Series Blower Silencers are heavy-duty, all-welded steel construction, suitable for application as either inlet or discharge silencer on rotary positive blowers. No acoustic pack material is included in the design. Optional mounting legs are available as well as a shell lagging package, for critical applications requiring treatment for shell noise. Finish is high heat aluminum paint. The standard design is non-code, suitable for operating pressures to 15 PSI. A pressure vessel version is also available (ASME Code, Sect. VIII —Div. I, 50 PSI @ 500° F).

APPROXIMATE ATTENUATION:

OCTAVE BAND CENT. FREQ. Hz	63	125	250	500	1K	2K	4K	8K
ATTENUATION — dB	30	35	37	33	30	29	29	29