ACME ELECTRONIC COMPONENTS

Illustrated and listed on this and the following pages are only a FEW of the wide and comprehensive range of ACME ELECTRONIC COMPONENTS — Coaxial Cable and Coaxial Cable Connectors. If it is not listed — Please Ask — We can probably help you.

COAXIAL CABLE

CAT. NO.	Military Number RG/U	Jacket O.D.	Shields Outer	Shields Inner	Dielectric O.D. & Type	Centre Conductor	V.P. %	Cap. Mmfd/ ft.	Max. Operat. Volts Rms.	Nom. Imp. Ohms	lbs./ 1000 ft.	Connector Series
RG COAXIAL CABLE												
619364	11A	.405	—	C	.285P	7/26TC	65.9	20.5	5000	75	90	N, C, HN, UHF
619365	58A	.195	—	TC	.116P	19/.0071TC	65.9	30	1900	50	27	TNC, BNC, BN, C, UHF, N, Plug-in
619366	58C	.195	—	TC	.116P	19/.0071TC	65.9	30	1900	50	27	TNC, BNC, BN, C, UHF, N, Plug-in
619367	59B	.242	—	C	.146P	.023CW	65.9	21	2300	75	35	TNC, BNC, BN, C, UHF, N, Plug-in
619368	62A	.242	—	C	.146SSP	22CW	84	13.5	750	93	35	TCN, BCN, BN, C, UHF, N, Plug-in
619373	213	.405	—	C	.285P	7/.0296P	65.9	29.5	5000	50	103	N, C, HN, UHF
SUB-MINIATURE RG CABLE												
619369	174	.100	—	TC	.060P	7/34CW	65.9	30	1500	50	7.5	
619370	178B	.075 Max.	—	S	.034T	7/38SCW	69.5	28.5	1000	50	6	
619371	179B	.105 Max.	—	S	.063T	7/38SCW	69.5	19.5	1200	75	11	

Teflon dielectric sub-miniature cable is able to withstand continuous operating temperatures up to 250°C. Teflon jacket is weatherproof, chemically inert, insoluble in liquids and gases — provides the greatest flexibility and lowest attention. The polyethylene dielectric miniature coaxial cable is intended for use in any miniaturized electronic application where extremely high temperature is not a consideration.

NOTES: ALL CABLE SOLD PER 30 metres (100 ft.)

C = Copper. S = Silvered Copper. CW = Copperweld. TC = Tinned Copper. P = Polyethylene.
CCP = Conductive Coated Polyethylene. T = Teflon. TT = Teflon Tape. SCW = Silvered Copperweld.
SST = Semi-Solid Teflon. SSP = Semi-Solid Polyethylene.

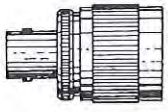
ADAPTERS *BETWEEN SERIES*

Acme No.	Mating Ends
C47-04	UHF Plug-N Jack

CAT. NO. 619153

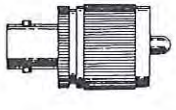
Acme No.	Mating Ends
C47-06	BNC Plug-N Jack

CAT. NO. 619155



Acme No.	Mating Ends
C47-07	BNC Jack-N Plug

CAT. NO. 619156



Acme No.	Mating Ends
C47-08	BNC Jack - UHF Plug

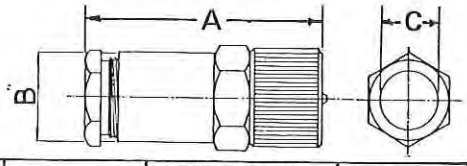
CAT. NO. 619157

ELECTRONIC COMPONENTS
COAXIAL CABLE CONNECTORS
UHF Series

The **UHF** Series are general purpose connectors of non-constant impedance. They are satisfactory up to 500 Mega Hertz and are rated at a peak voltage of 500 v.r.m.s. Where impedance matching is necessary the 'N' series, or the 'BNC' series connectors should be used.

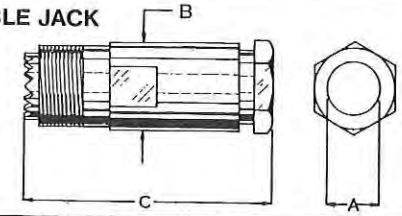
The connectors have either machined brass or die-cast zinc bodies. All metal parts are either silver plated or plated with non-tarnish finish, ensuring maximum conductivity and low contact resistance. Teflon and Polystyrene are the dielectrics principally used. Cable plugs and cable jacks are available in weatherproof form, which ensures complete sealing of the cable-end of the connector and consequently avoids breakdown due to moisture.

CABLE PLUG



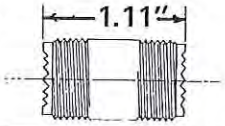
CAT. NO.	Acme No.	Cable	DIMENSIONS A	B	C	Eng. Data
61953	C32-4	RG-8U, UR-57, 67	1.86	.69	.420	Teflon Insul.
61957	C32-10	RG-59U, UR-70	1.86	.69	.245	Teflon Insul.
61965	C32-21	RG-58U, UR-43	1.59	.50	.220	Teflon Insul.

CABLE JACK



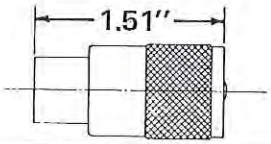
CAT. NO.	Acme No.	Cable	Dimensions A	B	C	Eng. Data
61976	C32-36	RG-8U,UR-57, UR-67	.420	.69	1.92	Teflon Insul.
61980	C32-42	RG-58/U	.220	.69	1.92	Teflon Insul.

ADAPTER STRAIGHT JACK TO JACK



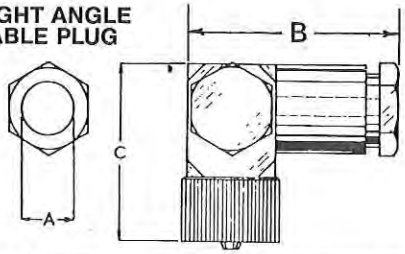
CAT. NO.	Acme No.	Mil. Equiv.	Insulation
61960	C32-14	PL-258	Polystyrene Teflon

CABLE PLUG



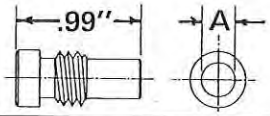
Cat. No.	Acme No.	Mil. Equiv.	Cable	Eng. Data
61969	C32-27		UR-4,57,67,RG-213	Teflon
61981	C32-43	PL-259	RG-8,11,213,214	Teflon N.T.

RIGHT ANGLE CABLE PLUG



CAT. NO.	Acme No.	Cable	Dimensions A	B	C	Eng. Data
	C32-65	RG-8U UR-57, UR-67	.420	1.61	1.36	Teflon Insul.
61994	C32-66	RG-58U, UR-43	.220	1.40	1.36	Teflon Insul.

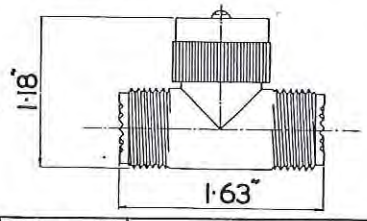
REDUCING ADAPTER



Cat. No.	Acme No.	Mil. Equiv.	Cable	Dimens. A
61967	C32-24	UG-175/U	RG-58U, UR-43	.220 (3/16)
61968	C32-25	UG-176/U	RG-59U, UR-70	.250 (1/4)

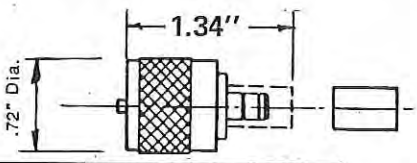
The Reducing Adaptors are for use with C32-27 Plugs.

ADAPTER TEE



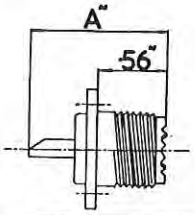
CAT. NO.	Acme No.	Mil. Equiv.	Insulation
61973	C32-32	49199	Polycarbonate Teflon

SHORT TAIL CRIMP PLUGS



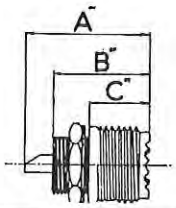
CAT. NO.	Acme No.	Cable	Trim Jig
61982	C32-44	RG-58	C70-09
61983	C32-45	RG-59	C70-10
61984	C32-46	RG-8	C70-08

FLANGE MOUNT JACK RECEPTACLE



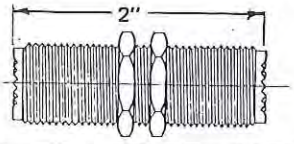
CAT. NO.	Acme No.	Mil. Equiv.	Dim. A	Body Matl.	Insulation	Eng. Data
61986	C32-49	—	1.07	Zinc Die Cast	Teflon	N.T.
61991	C32-60	SO-239	1.07			

SINGLE HOLE MOUNT JACK RECEPTACLE



CAT. NO.	Acme No.	Dimensions A	B	C	Insulation	Hole No.	Eng. Data
61955	C32-8	1.04	.83	.50	Polycarbonate	6	N.T.
61970	C32-28	1.04	.83	.50	and Teflon	4	N.T.

ADAPTER STRAIGHT JACK TO JACK (Single Hole Bulkhead Feed Thru)



Cat. No.	Acme No.	Mil. Equiv.	Insulation	Hole No.
61971	C32-30	UG-363/U	Ploycarbonate Teflon	26

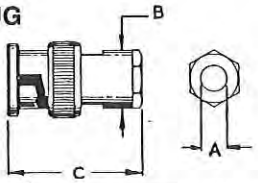
ELECTRONIC COMPONENTS
COAXIAL CABLE CONNECTORS

BNC Series

The **B.N.C.** connectors feature a quick disconnect, bayonet lock coupling. They are a small, lightweight connector suitable for use with the smaller R.F. coaxial cables. They will operate to a peak voltage of 500 volts and are weatherproof.

The **Improved B.N.C.** connectors feature better weatherproofing and cable clamping. They have good electrical performance to 10,000 Mega Hertz and high temperature operation up to 250°C.

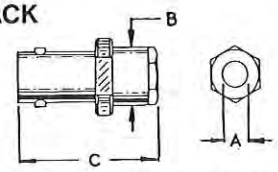
CABLE PLUG



CAT. NO.	Acme No.	Mil. Equiv.	Cable	Dimensions A	B	C
619201	C53-04	UG-88 C/U	RG-58U, UR-43	.217	.50	1.00
619202	C53-07	UG-260 B/U	RG59-U, UR-70	.252	.50	1.00
619204	C53-09	UG-959-A/U	RG-8U, UR-57' UR-67	.438	.75	1.50
619260	C54-01*		RG-58U	.205	.50	1.00
619262	C54-03*		RG-59U	.252	.50	1.00
619266	C54-07*		RG-174U	.110	.50	1.00

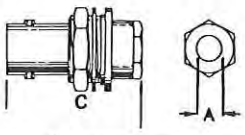
* Sq. Cut Non Tarnish Finish

CABLE JACK



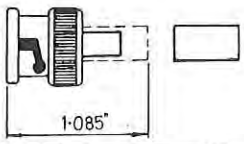
CAT. NO.	Acme No.	Mil. Equiv.	Cable	Dimensions A	B	C
619206	C53-14	UG-89 C/U	RG-58U, UR-43	.217	.50	1.00
619207	C53-17	UG-261 C/U	RG-59U, UR-70	.252	.50	1.00

SINGLE HOLE MOUNT CABLE JACK



CAT. NO.	Acme No.	Mil. Equiv.	Cable	Dimension A	C	Hole No.
619211	C53-23	UG-910 A/U	RG-59U, UR-70	.252	1.16	4
619239	C53-63	UG-909 B/U	RG-58U, UR-43	.217	1.16	4

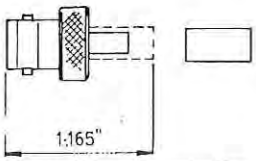
CABLE PLUG CRIMP TERMINATION



CAT. NO.	Acme No.	Cable	Trim Jigs Jacket	Dielectric	Eng. Data
619243	C53-81	RG-58	KTJ 57	KTD 25	N.T.*
619244	C53-82	RG-59	KTJ 57	KTD 26	N.T.*

* Crimp Contact. N.T. Non Tarnish Finish.

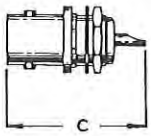
CABLE JACK CRIMP TERMINATION



CAT. NO.	Acme No.	Cable	Trim Jigs Jacket	Dielectric	Eng. Data
619246	C53-86	RG-58	KTJ 57	KTD 25	N.T.
619247	C53-87	RG-59, 62	KTJ 57	KTD 26	NT.CC

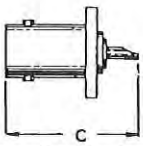
N.T. Non Tarnish Finish CC Crimp Contact.

SINGLE HOLE MOUNT JACK RECEPTACLE



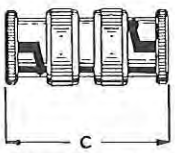
Cat. No	Acme No.	Mil. Equiv.	Dim. C	Hole No.
619217	C53-33	UG-1094/U	1.06	6

FLANGE MOUNT JACK RECEPTACLE



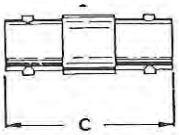
Cat. No	Acme No.	Mil. Equiv.	Dim. C	Plate No.
619213	C53-27	UG-290 A/U	1.06	2

ADAPTER STRAIGHT PLUG TO PLUG



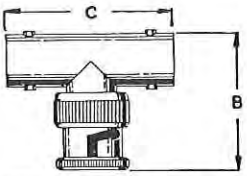
Cat. No.	Acme No.	Mil. Equiv.	Dim. C
619231	C53-52	UG-491 B/U	1.22

ADAPTER STRAIGHT JACK TO JACK



Cat. No.	Acme No.	Mil. Equiv.	Dim. C	Eng. Data
619223	C53-41	UG-914/U	1.28	Mates Plug to Plug

ADAPTER TEE



CAT. NO.	Acme No.	Mil. Equiv.	Dimensions B	C	Eng. Data
619232	C53-54	UG-274 A/U	1.06	1.28	2 Jacks, 1 Plug

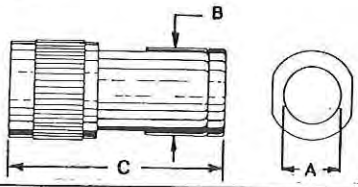
ELECTRONIC COMPONENTS
COAXIAL CABLE CONNECTORS

N – Series

The N-Series are a line of low voltage, constant impedance connectors designed for use with small and medium size R.F. cable. They are weatherproof connectors rated at 1,000 volt peak. They are suitable for use with frequencies up to 10,000 Mega Hertz and their impedance rating is 50 ohms.

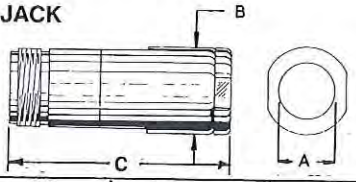
The connectors have machined brass bodies. All metal parts are silver plated. Teflon insulators are used throughout. Contacts are made from brass or beryllium copper. The improved type N connectors feature better weatherproofing and a positive metal to metal cable clamping mechanism.

CABLE PLUG



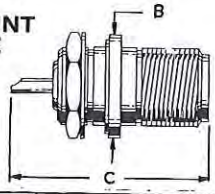
CAT. NO.	Acme No.	Mil. Equiv.	Cable	Dimensions A	B	C
619103	C39-07		RG-8U, UR-57, UR-67	.420	.69	1.75
619110	C39-15	UG-536 A/U	RG-55U, 58U, UR-43	.217	.50	1.50
619111	C39-18	UG-21 B/U	RG-8U, 9U	.435	.69	1.75

CABLE JACK



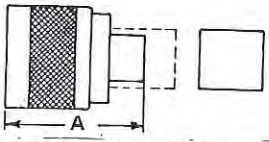
CAT. NO.	Acme No.	Mil. Equiv.	Cable	Dimensions A	B	C
619109	C39-14		RG-8U, UR-57, UR-67	.420	.69	1.75
619118	C39-27	UG-23 B/U	RG-8U, 9U	.435	.69	1.75
619120	C39-30		RG-55, 58	.210		1.56

SINGLE HOLE MOUNT JACK RECEPTACLE



CAT. NO.	Acme No.	Dimens. B	Dimens. C	Hole No.	Eng. Data
619107	C39-12	.81	1.44	4	Herm. Seal Teflon Insul. Screw Mount

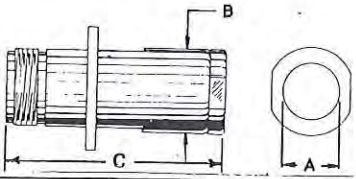
CABLE PLUG CRIMP TERMINATION



CAT. NO.	Acme No.	Cable	Trim Jigs Jacket	Trim Jigs Dielectric	Trim Code	Dim. A	Eng. Data
619141	C39-83	RG-8, 11, 213	KTJ-60	KTD-28	402	1.32	CC.NT
619142	C39-88	RG-58	KTJ-65	KTD-38	415*	1.44	N.T.

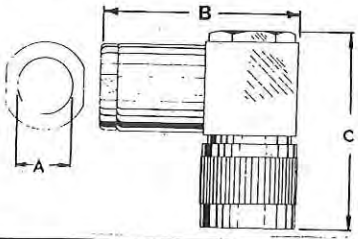
CC Crimp Contact N.T. Non Tarnish Finish
* Contact positioning Jig KTP-5 required for cabling.

FLANGE MOUNT CABLE JACK



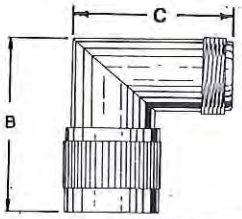
CAT. NO.	Acme No.	Cable	Dimensions A	B	C
619108	C39-13	RG-8U, UR-57, UR-67	.420	.69	1.75

RIGHT ANGLE CABLE PLUG



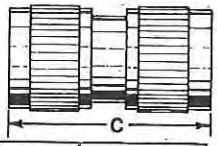
CAT. NO.	Acme No.	Cable	Dimensions A	B	C
619128	C39-41	RG-8U, 9U	.437	1.69	1.63

ADAPTER RIGHT ANGLE JACK TO PLUG



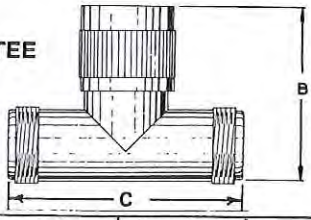
CAT. NO.	Acme No.	Mil. Equiv.	Dimensions B	C
619131	C39-45	UG-27 C/U	1.38	1.25

ADAPTER STRAIGHT PLUG TO PLUG



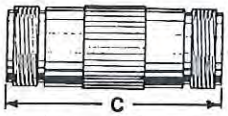
CAT. NO.	Acme No.	Mil. Equiv.	Dim. C
619130	C39-43	UG-57 B/U	1.59

ADAPTER TEE



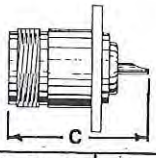
CAT. NO.	Acme No.	Mil. Equiv.	Dimensions B	C	Eng. Data
619134	C39-48	UG-28 A/U	1.22	1.75	3 Jacks

ADAPTER STRAIGHT JACK TO JACK



CAT. NO.	Acme No.	Mil. Equiv.	Dimensions B	C
619105	C39-10	UG-29 B/U	.63	1.75

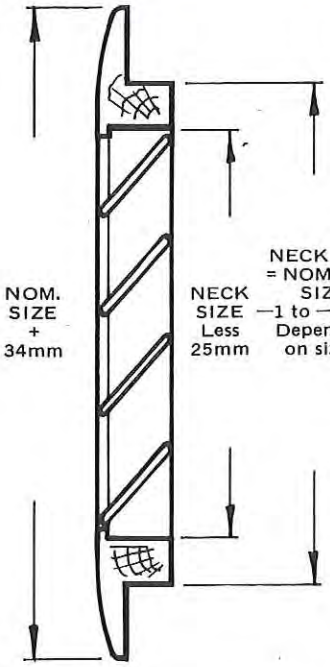
FLANGE MOUNT JACK RECEPTACLE



CAT. NO.	Acme No.	Mil. Equiv.	Dim. C
619109	C39-09	UG-58 A/U	1.11

7

AIR DIFFUSION EQUIPMENT
WOODFLO RETURN AIR GRILLES



CONSTRUCTION

TIMBER

COLOUR

STAINED –
Standard (HDO)

Available on
Application

Satin White

Unstained (Raw).

NOMINAL SIZE Width & Height mm	APPROX. IMPERIAL EQUIVALENT INS.	GRILLE ONLY	BACK FLANGE (1)	GRILLE AND (2) MOUNTING BOX	FILTER
		CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
350 x 350	14 x 14	620307	620331	620351	620376
350 x 400	14 x 16	620308	620332	620352	620377
375 x 375	15 x 15	620310	620334	620354	620379
375 x 600	15 x 24				
400 x 350	16 x 14	620311	620335	620355	620380
400 x 400	16 x 16	620312	620336	620356	620381
400 x 500	16 x 20	620313	620337	620357	620382
400 x 600	16 x 24	620314	620338	620358	620383
400 x 750	16 x 30	620315	620339	620359	620384
450 x 150	18 x 6	620302	620326		
450 x 200	18 x 8	620303	620327		
450 x 300	18 x 12				
450 x 450	18 x 18	620316	620340	620360	620385
450 x 500	18 x 20				
450 x 600	18 x 24				
450 x 750	18 x 30				
500 x 350	20 x 14				
500 x 400	20 x 16	620317	620341	620361	620386
500 x 450	20 x 18				
500 x 500	20 x 20	620318	620342	620362	620387
500 x 600	20 x 24				
550 x 550	22 x 22	620319	620343	620363	620388
600 x 150	24 x 6	620304	620328		
600 x 200	24 x 8	620305	620329		
600 x 250	24 x 10	620306	620330		
600 x 300	24 x 12				
600 x 400	24 x 16				
600 x 450	24 x 18				
600 x 500	24 x 20	620320	620344	620364	620389
600 x 600	24 x 24	620321	620345	620365	620390
750 x 600	30 x 24	620322		620366	620391
900 x 600	36 x 24	620324		620368	620393
900 x 900	36 x 36				
900 x 1200	36 x 48				
1200 x 1200	48 x 48				

Notes : 1. 4 - 2" Dowels supplied with each Back Flange for fitting to Grille.
2. Mounting Box acts as mounting for Grille and also holds filter.
3. Door Grilles may be coupled together with 4 - 2" Dowels using predrilled holes. Specify when ordering.
4. Other sizes available on request.

REFER NEXT PAGE FOR PERFORMANCE AND SELECTION DATA

AIR DIFFUSION EQUIPMENT
WOODFLO RETURN AIR GRILLES
PERFORMANCE DATA

VELOCITY			1.0 m/sec	1.5 m/sec	2.0 m/sec	2.5 m/sec	3.0 m/sec
NOMINAL SIZE Width x Height mm	APPROX. IMPERIAL EQUIVALENT INS.	FREE AREA m^2	PRESSURE DROP — Pascals				
			3.9	7.9	12.8	18.6	25.5
			FLOW — litre/sec				
350 x 350	14 x 14	0.079	79	119	158	198	237
350 x 400	14 x 16	0.092	92	138	184	230	276
375 x 375	15 x 15	0.092	92	138	184	230	276
375 x 450 *	15 x 18 *	0.112	112	168	224	280	336
375 x 600	15 x 24	0.155	155	233	310	388	465
400 x 350	16 x 14	0.091	91	137	182	228	273
400 x 400	16 x 16	0.106	106	159	212	265	318
400 x 500	16 x 20	0.134	134	201	268	335	402
400 x 600	16 x 24	0.166	166	249	332	415	498
400 x 750	16 x 30	0.209	209	314	418	523	627
400 x 900 *	16 x 36 *	0.255	255	383	510	638	765
450 x 150	18 x 6	0.035	35	53	70	88	105
450 x 200	18 x 8	0.053	53	80	106	133	159
450 x 300	18 x 12	0.087	87	131	174	218	261
450 x 375 *	18 x 15 *	0.112	112	168	224	280	336
450 x 400 *	18 x 16 *	0.120	120	180	240	300	360
450 x 450	18 x 18	0.136	136	204	272	340	408
450 x 500	18 x 20	0.152	152	228	304	380	456
450 x 600	18 x 24	0.188	188	282	376	470	564
450 x 700 *	18 x 28 *	0.221	221	332	442	553	663
450 x 750	18 x 30	0.237	237	356	474	593	711
500 x 350	20 x 14	0.116	116	174	232	290	348
500 x 400	20 x 16	0.135	135	203	270	338	405
500 x 450	20 x 18	0.152	152	228	304	380	456
500 x 500	20 x 20	0.170	170	255	340	425	510
500 x 600	20 x 24	0.210	210	315	420	525	630
550 x 550	22 x 22	0.207	207	311	414	518	621
600 x 150	24 x 6	0.048	48	72	96	120	144
600 x 200	24 x 8	0.071	71	107	142	178	213
600 x 250	24 x 10	0.094	94	141	188	235	282
600 x 300	24 x 12	0.118	118	177	236	295	354
600 x 400	24 x 16	0.163	163	245	326	408	489
600 x 450	24 x 18	0.185	185	278	370	463	555
600 x 500	24 x 20	0.206	206	309	412	515	618
600 x 600	24 x 24	0.255	255	383	510	638	765
750 x 600	30 x 24	0.322	322	483	644	805	966
900 x 600	36 x 24	0.388	388	582	776	970	1164
900 x 900	36 x 36	0.597	597	896	1194	1493	1791
900 x 1200	36 x 48	0.806	806	1209	1612	2015	2418
1200 x 1200	48 x 48	1.084	1084	1626	2168	2710	3252

7

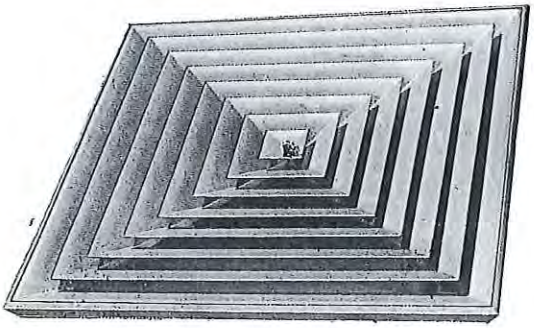
* Non-Standard Sizes - available on application.

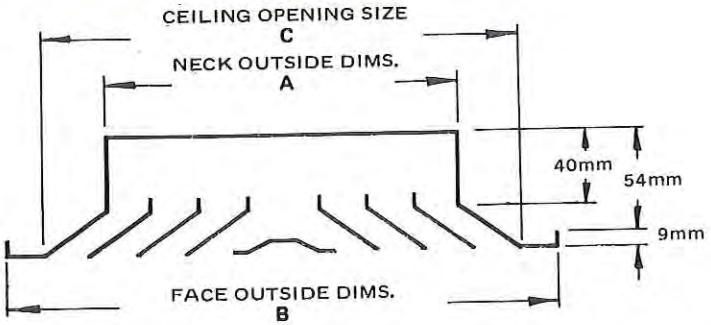
Note : During the Metric change over period both S.I. Metric and Imperial sizes can be manufactured without difficulty.

ORDERING PROCEDURE : REFER TO PAGE 620 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED.

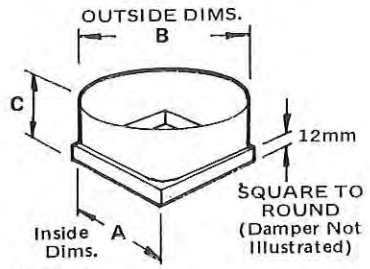
ACPAR AIR DIFFUSION EQUIPMENT
CEILING DIFFUSERS — MODEL CS

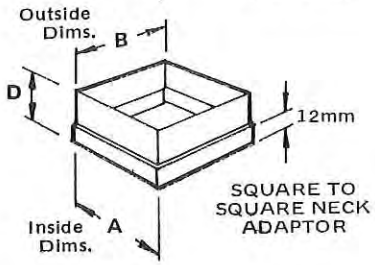
AVAILABLE WITH : NECK ADAPTORS
Square to Round
Square to Square
O.B. DAMPERS
CUSHION BOXES





NECK ADAPTORS





DIMENSIONS

CEILING DIFFUSER — MODEL CS			
MODEL SIZE	A mm	B mm	C mm
1525s	145	250	186
2030s	195	300	236
2535s	245	350	286
3040s	295	400	336
3545s	345	450	386
5060s	495	600	536
6030s	195 x 495	300 x 600	236 x 536

NECK ADAPTORS				
NOMINAL SIZE	A (1) mm	B (2) mm	C (3) Round Neck mm	D Square Neck mm
15s15R	145	145	75	37
20s20R	195	195	100	37
25s25R	245	245	125	37
30s30R	295	295	150	37
35s35R	345	345	175	37
50s50R	495	495	250	37
Other Sizes as Required	Nominal —5mm	Nominal —5mm	Half O.D. of Neck	37

(1) Fits over diffuser neck
(2) Adapted neck size
(3) Available without damper

CATALOGUE NOS. AND ORDERING DETAILS

DIFFUSER — MODEL CS		OB DAMPER — MODEL D		SQUARE TO ROUND ADAPTOR		CUSHION BOX — MODEL CB	
CAT. NO.	MODEL SIZE	CAT. NO.	MODEL SIZE	CAT. NO.	MODEL SIZE	CAT. NO.	MODEL SIZE
6211	1525s	6212	D150	6213	15s15R	6214	CB150
6217	2030s	6218	D200	6219	20s20R	62110	CB200
62113	2535s	62114	D250	62115	25s25R	62116	CB250
62119	3040s	62120	D300	62121	30s30R	62122	CB300
62126	3545s	62127	D350	62128	35s35R	62129	CB350
62132	5060s	62133	D500			62134	CB500
62138	6030s	62139	D5020				

NOTES : Round Adaptors and Cushion Boxes are fitted with a two piece wing damper in the round neck, as standard.
Adaptors or Cushion Boxes other than standard sizes as listed above, with either round or square necks are available on application.

PERFORMANCE DATA — REFER NEXT PAGE

ACPAR AIR DIFFUSION EQUIPMENT

PERFORMANCE DATA

CEILING DIFFUSERS — MODEL CS

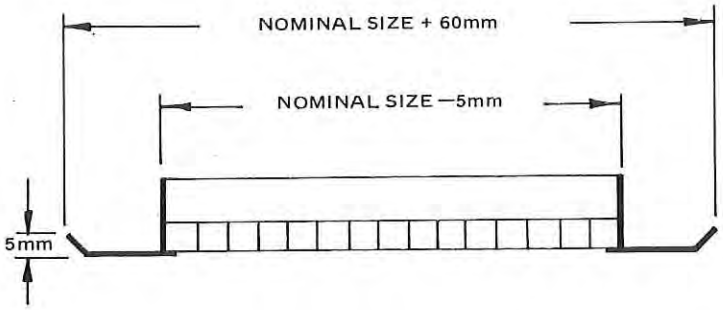
FLOW l/sec	DIFFUSER SIZE	NECK VELOC. m/sec	PRESS. DROP Pascals	THROW m	SOUND RATING NC
25	1525s *	1.10	2.5	1.5	—
	1525R *	1.39	2.5	1.7	—
45	1525s	2.24	5.0	1.8	—
	1525R	2.84	5.0	1.9	—
	2030s	1.24	4.9	1.5	—
	2030R	1.57	4.9	1.5	—
70	1525s	3.33	9.9	1.8	18
	1525R	4.23	10.0	2.0	20
	2030s	1.84	9.9	1.8	—
	2030R	2.34	9.9	1.9	—
95	1525s	4.43	14.9	2.4	23
	1525R	5.62	16.0	2.6	25
	2030s	2.45	5.0	1.8	20
	2030R	3.11	6.4	2.0	22
	2535s	1.55	3.5	1.5	—
	2535R	1.97	4.2	1.8	—
	6030s	0.53	2.5	0.9	—
120	1525s	5.62	24.9	3.2	31
	1525R	7.14	24.9	3.3	33
	2030s	3.11	19.9	2.7	25
	2030R	3.94	20.9	2.8	27
	2535s	1.97	7.5	2.0	17
	2535R	2.50	9.2	2.1	18
	3040s	1.36	2.5	1.6	—
	3040R	1.72	2.5	1.6	—
	6030s	0.67	4.9	1.1	—
140	2030s	3.68	34.8	3.1	29
	2030R	4.68	35.6	3.3	31
	2535s	2.33	9.9	2.5	17
	2535R	2.96	10.5	2.7	19
	3040s	1.61	4.9	1.8	—
	3040R	2.04	4.9	1.8	—
	6030s	0.80	7.5	1.2	—
165	2030s	4.34	37.3	3.7	33
	2030R	5.51	39.0	4.0	34
	2535s	2.75	12.4	3.2	18
	2535R	3.49	14.9	3.3	20
	3040s	1.89	4.9	2.0	—
	3040R	2.41	5.0	2.0	—
	6030s	0.94	8.0	1.7	—
190	2030s	4.95	49.8	4.2	36
	2030R	5.28	52.3	4.5	39
	2535s	3.13	14.9	3.7	19
	2535R	3.98	16.0	3.9	21
	3040s	2.16	7.4	2.7	—
	3040R	2.74	9.0	2.9	17
	3545s	1.58	4.9	2.4	—
	3545R	2.01	5.0	2.4	—
	6030s	1.07	9.9	1.9	20
210	2535s	3.53	14.9	4.0	23
	2535R	4.49	18.9	4.1	26
	3040s	2.44	9.9	3.0	20
	3040R	3.09	10.2	3.1	23
	3545s	1.78	4.9	2.9	—
	3545R	2.26	5.2	2.9	18
	6030s	1.20	12.4	2.3	23

FLOW l/sec	DIFFUSER SIZE	NECK VELOC. m/sec	PRESS. DROP Pascals	THROW m	SOUND RATING NC
235	2535s	3.92	19.9	5.0	24
	2535R	4.97	24.9	5.1	26
	3040s	2.70	12.4	3.9	18
	3040R	3.43	14.9	4.0	20
	3545s	1.97	9.9	3.6	18
	3545R	2.51	10.1	3.6	20
	6030s	1.34	14.9	2.4	25
280	2535s	4.70	20.0	5.5	30
	2535R	5.97	24.9	5.7	32
	3040s	3.24	12.5	4.4	25
	3040R	4.12	14.9	4.5	27
	3545s	2.40	12.4	4.2	20
	3545R	3.01	12.4	4.2	22
	5060s	1.15	5.0	2.4	17
	6030s	1.60	22.4	3.0	30
330	2535s	5.50	29.8	6.3	33
	2535R	6.98	34.8	6.5	35
	3040s	3.80	22.4	5.1	27
	3040R	4.82	24.9	5.2	29
	3545s	2.81	17.4	4.6	24
	3545R	3.52	17.6	4.6	26
	5060s	1.35	4.9	2.6	18
	6030s	1.88	29.9	3.7	32
375	3040s	4.32	27.4	5.1	31
	3040R	5.50	29.9	5.2	33
	3545s	3.15	22.4	5.0	27
	3545R	4.01	23.5	5.0	29
	5060s	1.53	7.5	3.0	19
	6030s	2.14	34.9	4.4	33
425	3040s	4.87	29.9	5.7	34
	3040R	5.20	32.4	5.8	36
	3545s	3.56	24.9	5.6	31
	3545R	4.53	26.0	5.7	33
	5060s	1.73	7.8	3.3	19
	6030s	2.41	42.3	5.0	36
470	3040s	5.40	34.8	6.1	35
	3040R	5.86	39.8	6.2	37
	3545s	3.95	29.8	5.2	33
	3545R	5.02	34.8	5.3	35
	5060s	1.92	9.9	3.6	24
	6030s	2.67	54.8	5.5	38
565	3545s	4.75	44.8	6.7	38
	3545R	6.03	47.3	6.9	40
	5060s	2.31	14.9	3.9	28
660	5060s	2.69	19.9	5.1	31
755	5060s	3.08	24.9	5.7	35
850	5060s	3.46	29.9	6.1	37
940	5060s	3.84	37.4	6.8	39
1040	5060s	4.23	44.8	7.0	43
1130	5060s	4.61	54.8	7.5	45
1225	5060s	5.00	62.3	8.0	48

Note: * "s" suffix = Square Neck
"R" suffix = Round Neck

ORDERING PROCEDURE : REFER TO PAGE 621 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED

ACPAR AIR DIFFUSION EQUIPMENT
CEILING RETURN AND EXHAUST GRILLES
MODEL CR



LEGEND

TYPE	CRP	:	Plastic Egg-Crate — Fixed Core.
TYPE	CRPH	:	Plastic Egg-Crate — Hinged Core with Filter Slides.
TYPE	CRA	:	Aluminium Egg-Crate — Fixed Core.
TYPE	CRAH	:	Aluminium Egg-Crate — Hinged Core with Filter Slides.

TYPE CRP

CAT. NO.	SIZE mm WIDTH	SIZE mm HEIGHT	APPROX. IMPERIAL EQUIVALENT SIZE — INS.
62220	150	150	6 x 6
62221	200	200	8 x 8
62222	250	250	10 x 10
62223	300	300	12 x 12
6222	450	450	18 x 18
6221	500	400	20 x 16
6224	500	500	20 x 20
6223	600	400	24 x 16
6225	600	500	24 x 20
6226	600	600	24 x 24

TYPE CRA

CAT. NO.	SIZE mm WIDTH	SIZE mm HEIGHT	APPROX. IMPERIAL EQUIVALENT SIZE — INS.
62270	150	150	6 x 6
62271	200	200	8 x 8
62272	250	250	10 x 10
62273	300	300	12 x 12
62252	450	450	18 x 18
62251	500	400	20 x 16
62254	500	500	20 x 20
62253	600	400	24 x 16
62255	600	500	24 x 20
62256	600	600	24 x 24

TYPE CRPH

62226	450	450	18 x 18
62231	500	400	20 x 16
62228	500	500	20 x 20
62227	600	400	24 x 16
62229	600	500	24 x 20
62230	600	600	24 x 24

TYPE CRAH

62277	450	450	18 x 18
62276	500	400	20 x 16
62279	500	500	20 x 20
62278	600	400	24 x 16
62280	600	500	24 x 20
62281	600	600	24 x 24

OTHER SIZES AVAILABLE ON REQUEST
REFER NEXT PAGE FOR PERFORMANCE DATA

ACPAR AIR DIFFUSION EQUIPMENT

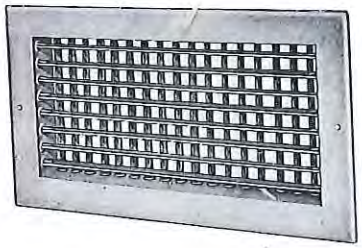
PERFORMANCE DATA

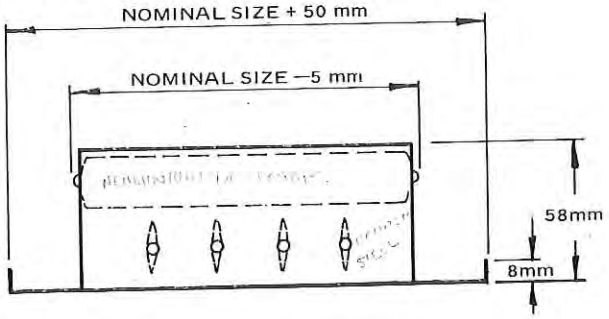
CEILING RETURN AIR GRILLES — MODEL CRA

VELOCITY m/sec GRILLE SIZE mm	1.0 PRESS. DROP 2.5 Pascals		1.5 PRESS. DROP 4.0 Pascals		2.0 PRESS. DROP 7.0 Pascals		2.5 PRESS. DROP 11.0 Pascals		3.0 PRESS. DROP 16.0 Pascals		4.0 PRESS. DROP 28.0 Pascals		5.0 PRESS. DROP 45.0 Pascals	
	l/s	NC	l/s	NC	l/s	NC	l/s	NC	l/s	NC	l/s	NC	l/s	NC
150 x 150	18	—	27	—	36	—	45	—	54	23	72	25	90	33
200 x 200	32	—	50	—	66	—	82	—	99	16	132	26	165	34
300 x 300	76	—	116	—	154	—	192	14	231	20	308	30	385	39
400 x 400	136	—	210	—	280	—	350	16	420	22	560	32	700	40
400 x 500	176	—	264	—	352	—	440	16	528	23	704	33	880	40
400 x 600	212	—	318	—	424	—	530	18	636	24	848	34	1060	42
450 x 750	265	—	398	—	530	—	662	19	795	25	1060	35	1325	43
450 x 500	198	—	298	—	396	—	495	16	594	24	792	34	990	42
450 x 600	259	—	388	—	518	—	647	19	777	25	1036	35	1295	43
450 x 750	299	—	448	—	598	—	747	19	897	26	1196	35	1495	43
450 x 450	194	—	291	—	388	—	485	17	582	24	776	34	970	42
500 x 500	240	—	360	—	480	—	600	19	720	25	960	35	1200	43
500 x 600	289	—	433	—	578	—	722	20	867	26	1156	35	1445	44
600 x 600	348	—	522	—	696	—	870	21	1044	27	1392	36	1740	44
600 x 900	525	—	787	—	1050	14	1312	23	1575	29	2100	38	2625	47
600 x 1200	702	—	1053	—	1404	16	1755	24	2106	30	2808	39	3510	48
750 x 750	503	—	755	—	1006	14	1258	23	1509	29	2012	38	2515	47
750 x 900	659	—	988	—	1318	15	1648	24	1977	30	2636	39	3295	48
750 x 1200	881	—	1322	—	1762	17	2200	25	2643	31	3524	41	4405	49
900 x 900	792	—	1188	—	1584	16	1980	25	2376	31	3168	40	3960	49
900 x 1200	1059	—	1588	—	2118	18	2648	26	3177	32	4236	42	5295	50
1200 x 1200	1416	—	2124	—	2832	19	3540	27	4248	33	5664	43	7080	52

ACPAR AIR DIFFUSION EQUIPMENT

WALL SUPPLY GRILLES — MODEL WS
DOUBLE DEFLECTOR (UNIVERSAL) TYPE





CAT. NO.	SIZE mm		APPROX. IMPERIAL EQUIVALENT INS.
	LENGTH	HEIGHT	
6231	300	100	12 x 4
6232	350	100	14 x 4
6233	400	100	16 x 4
6234	450	100	18 x 4
62313	300	150	12 x 6
62314	350	150	14 x 6
62315	400	150	16 x 6
62316	450	150	18 x 6
62317	500	150	20 x 6
62318	600	150	24 x 6
62326	400	200	16 x 8
62327	450	200	18 x 8
62328	500	200	20 x 8
62329	600	200	24 x 8
62330	750	200	30 x 8
62331	900	200	36 x 8
62338	400	250	16 x 10
62339	450	250	18 x 10
62340	500	250	20 x 10
62341	600	250	24 x 10
62342	750	250	30 x 10
62343	900	250	36 x 10
62351	500	300	20 x 12
62352	600	300	24 x 12
62353	750	300	30 x 12
62354	900	300	36 x 12
62363	350	350	14 x 14
62364	400	400	16 x 16
62365	500	500	20 x 20
62366	600	600	24 x 24
62367	750	750	30 x 30

REFER FOLLOWING PAGES FOR PERFORMANCE DATA.

ACPAR AIR DIFFUSION EQUIPMENT

PERFORMANCE DATA

WALL SUPPLY GRILLES — MODEL WS — DOUBLE DEFLECTION

FLOW	NOM. SIZE mm	200 x 100			250 x 100			300 x 100 200 x 150			350 x 100 250 x 150			300 x 150 450 x 100			350 x 150 250 x 200		
l/sec.	DEFLECTION	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°
23	Throw	3.3	3	1.8	3	2.7	1.8	2.4	2.1	1.5	3	2.7	1.8	2.4	2.1	1.2			
	Drop	1.1	1	0.5	1.1	1	0.5	1.1	1	0.5	1.3	1.2	0.6	1.2	1.1	0.6			
	Velocity	1.8	1.91	2.29	1.37	1.49	1.77	1.08	1.18	1.35	0.95	1.04	1.23	0.69	0.75	0.89			
	Static Pressure	1.49	1.99	2.74	1.0	1.25	1.74	0.25	0.5	0.75	0.25	0.5	0.75	0.5	0.75	1.0			
35		4.8	4.2	2.7	4.2	3.6	2.4	3.6	3	2.1	3.9	3.6	2.1	3	2.7	1.8			
		1.3	1.2	0.6	1.3	1.2	0.6	1.3	1.2	0.6	1.4	1.3	0.7	1.4	1.3	0.5			
		2.65	2.89	3.42	2.06	2.24	2.66	1.63	1.78	2.11	1.44	1.57	1.86	1.04	1.14	1.35			
		2.99	3.74	5.98	1.99	2.49	3.99	1.0	1.25	1.99	1.0	1.25	1.99	0.75	1.0	1.49			
45		6.4	5.7	3.6	5.4	4.8	3	4.8	4.2	2.7	4.5	3.9	2.7	3.6	3.3	2.1	3.3	3	1.8
		1.4	1.4	0.6	1.5	1.4	0.7	1.5	1.4	0.7	1.5	1.4	0.7	1.4	1.4	0.7	1.6	1.5	0.5
		3.55	3.85	4.58	2.75	3	3.56	2.18	2.38	2.83	1.92	2.1	2.5	1.4	1.52	1.81	1.18	1.29	1.54
		5.23	6.73	10.46	3.24	4.24	6.98	1.74	2.24	3.74	1.74	2.24	3.49	1.0	1.25	1.99	0.75	1.0	1.49
60		7.3	6.4	4.2	6.7	5.7	3.6	5.7	5.1	3.3	5.4	4.8	3	4.5	3.9	2.4	3.9	3.6	2.1
		1.5	1.4	0.7	1.6	1.4	0.8	1.6	1.4	0.8	1.6	1.5	0.8	1.6	1.4	0.8	1.7	1.6	0.8
		4.42	4.82	5.71	3.45	3.76	4.45	2.73	2.98	3.54	2.41	2.62	3.11	1.75	1.91	2.27	1.48	1.62	1.92
		7.97	10.46	16.19	4.98	6.48	10.21	2.49	3.24	5.23	2.49	3.24	4.98	1.25	1.74	2.49	1.0	1.25	1.99
70		8.5	7.6	4.8	7.9	7	4.5	7	6	3.9	6.4	5.7	3.6	5.4	4.8	3	4.8	4.2	2.7
		1.5	1.4	0.7	1.6	1.5	0.8	1.7	1.6	0.8	1.8	1.6	0.9	1.6	1.6	0.8	1.8	1.7	0.9
		5.31	5.79	6.85	4.14	4.51	5.34	3.29	3.58	4.24	2.9	3.16	3.74	2.11	2.3	2.73	1.79	1.95	2.31
		11.21	14.69	22.91	6.98	9.22	14.69	3.49	4.74	7.47	3.24	4.24	6.73	1.74	2.24	3.74	1.25	1.74	2.49
80		9.7	8.5	5.4	8.8	7.9	4.8	7.9	7	4.5	7.3	6.4	4.2	6	5.4	3.3	5.7	5.1	3.3
		1.6	1.5	0.8	1.7	1.6	0.8	1.7	1.6	0.9	1.8	1.7	0.9	1.8	1.7	0.9	1.9	1.8	0.9
		6.2	6.76	8.01	4.83	5.26	6.24	3.84	4.18	4.96	3.38	3.69	4.36	2.46	2.68	3.19	2.09	2.28	2.7
		15.19	19.92	31.13	9.22	12.2	19.43	4.74	6.23	10.46	4.49	5.98	9.47	2.24	2.99	4.98	1.49	1.99	3.24
95		11.2	10	6.4	9.7	8.5	5.4	8.8	7.9	4.8	8.2	7.3	4.5	7	6	3.9	6.4	5.7	3.6
		1.7	1.6	0.8	1.8	1.7	0.9	1.8	1.7	0.9	1.9	1.8	0.9	1.9	1.8	0.9	2	1.8	1
		7.12	7.73	9.19	5.53	6.02	7.13	4.39	4.78	5.17	3.87	4.21	4.99	2.82	3.07	3.65	2.39	2.6	3.09
		19.67	25.65	40.34	12.2	16.19	26.15	6.23	8.47	13.95	5.73	7.47	12.2	2.74	3.74	5.98	1.99	2.74	4.24
105		12.1	10.6	7	10.6	9.4	6	10	8.8	5.7	8.8	7.9	4.8	7.6	6.7	4.2	7.3	6.4	4.2
		1.8	1.7	0.9	1.8	1.7	0.9	1.9	1.7	0.9	2	1.9	0.9	2	1.9	1	2.1	1.9	1
		7.98	8.69	10.3	6.22	6.78	8.02	4.94	5.38	6.38	4.35	4.74	5.62	3.17	3.46	4.1	2.69	2.93	3.48
		24.9	32.62	51.05	15.19	20.17	32.13	7.72	10.46	17.19	7.23	9.47	15.19	3.49	4.74	7.72	2.74	3.74	5.98
120		13.4	11.8	7.6	11.8	10.6	6.7	10.6	9.4	6	9.7	8.5	5.4	8.5	7.6	4.8	8.2	7.3	4.5
		1.8	1.7	0.9	1.9	1.8	0.9	1.9	1.8	0.9	2.1	2.0	1	2.1	2.0	1	2.2	2.1	1
		8.87	9.66	11.45	6.92	7.54	8.93	5.49	5.98	6.45	4.84	5.28	6.24	3.53	3.84	4.56	2.99	3.26	3.87
		30.63	40.09	63.0	18.68	24.66	38.1	9.47	12.7	21.17	8.97	11.96	19.18	4.24	5.73	9.47	3.24	4.49	7.23
130					12.8	11.2	7.3	11.2	10	6.4	10.6	9.4	6	9.1	8.2	5.1	8.8	7.9	4.8
					2	1.8	0.9	2	1.9	0.9	2.1	2	1	2.2	2	1	2.2	2.1	1
					7.61	8.29	9.8	6.04	6.58	7.78	5.33	5.8	6.88	3.88	4.23	5.02	3.29	3.59	4.26
					22.66	29.88	48.31	11.46	15.44	25.65	10.71	14.2	22.91	4.98	6.73	11.21	3.74	4.98	8.47
140					13.7	12.1	7.9	12.1	10.6	7	11.5	10.3	6.7	9.7	8.5	5.4	9.4	8.2	5.4
					2	1.9	1	2	1.9	1	2.2	2	1	2.3	2.2	1.1	2.3	2.2	1.1
					8.31	9.04	10.73	6.59	7.18	8.51	5.81	6.33	7.51	4.24	4.62	5.48	3.59	3.91	4.63
					26.9	35.61	56.78	13.45	18.18	30.13	12.7	16.94	27.15	6.23	8.47	14.2	4.49	5.98	10.21
155								13.1	11.5	7.3	12.1	10.6	7	10.3	9.1	5.7	10	8.8	5.7
								2.1	2	1	2.2	2	1	2.3	2.2	1.1	2.3	2.2	1.1
								7.14	7.78	9.2	6.3	6.86	8.11	4.59	4.99	5.93	3.89	4.24	5.03
								15.69	21.17	35.36	14.7	19.43	31.13	7.23	9.96	16.44	5.23	7.23	11.96
165								14.6	12.8	8.2	13.1	11.5	7.3	10.9	9.7	6	10.6	9.4	6
								2.1	2	1	2.2	2.1	1	2.3	2.2	1.1	2.3	2.2	1.1
								7.7	8.38	9.68	6.79	7.39	8.77	4.95	5.39	6.4	4.2	4.57	5.42
								18.18	24.66	40.84	17.19	22.91	36.86	8.22	11.21	18.68	5.98	8.22	13.7
175								15.5	13.7	8.8	13.7	12	7.6	11.4	10	6.6	11.1	10	6.3
								2.2	2	1	2.2	2.1	1	2.4	2.3	1.1	2.4	2.3	1.1
								8.25	8.98	10.66	7.27	7.92	9.38	5.3	5.78	6.84	4.5	4.9	5.8
								20.92	28.39	47.07	19.68	26.15	42.33	9.47	12.95	21.67	6.73	9.22	15.44
190								16.6	14.8	9.4	14.2	12.8	8.2	12	10.5	7	12	10.5	7
								2.2	2.1	1	2.3	2.2	1.1	2.4	2.3	1.2	2.5	2.4	1.2
								8.8	9.58	11.35	7.76	8.45	10.02	5.66	6.16	7.31	4.8	5.23	6.19
								23.66	32.13	53.04	22.17	29.39	47.56	10.71	14.7	24.41	7.72	10.46	17.68
210														13.3	11.7	7.6	13	11.5	7.2
														2.5	2.4	1.2	2.6	2.4	1.2
														6.37	6.94	8.21	5.4	5.89	6.97
														13.45	18.43	30.88	9.47	12.95	21.92
235														14.5	12.7	8.2	14	12.5	7.8
														2.6	2.4	1.2	2.6	2.4	1.3
														7.08	7.71	9.13	6	6.54	7.75
														16.69	22.91	38.6	11.71	15.94	27.15
260														15.7	14	8.7	15.1	13.3	8.5
														2.6	2.4	1.3	2.7	2.5	1.3
														7.79	8.48	10.07	6.61	7.2	8.53
														19.92	27.39	46.07	14.2	19.43	28.19
280																	16.3	14.5	9.3
																	2.7	2.6	1.3
																	7.21	7.85	9.26
																	16.94	23.16	39.35

ORDERING PROCEDURE : REFER TO PAGE 623 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED

623-b TECH. PAGE

ACPAR AIR DIFFUSION EQUIPMENT

PERFORMANCE DATA

WALL SUPPLY GRILLES — MODEL WS — DOUBLE DEFLECTION

FLOW	NOM.SIZE mm	400 × 150 300 × 200 600 × 100			450 × 150 350 × 200			500 × 150 750 × 100			400 × 200 550 × 150			600 × 150 450 × 200			500 × 200 650 × 150		
l/sec.	DEFLECTION	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°
	Throw																		
	Drop																		
	Velocity																		
	Static Pressure																		
45																			
60																			
70		4.2	3.6	2.4	4.2	3.6	2.4												
		1.7	1.6	0.8	2.0	1.8	0.9												
		1.52	1.66	1.97	1.37	1.49	1.77												
		1.0	1.25	1.99	0.75	1.0	1.25												
80		4.8	4.2	2.7	4.8	4.2	2.7	4.5	3.9	2.4	4.2	3.6	2.4						
		1.8	1.7	0.9	2.0	1.9	1.0	2.2	2.1	1.0	1.8	1.7	0.9						
		1.78	1.94	2.3	1.61	1.75	2.02	1.0	1.08	1.28	1.31	1.43	1.69						
		1.25	1.74	2.74	1.0	1.25	1.99	0.75	1.0	1.49	1.0	1.25	1.99						
95		5.6	4.8	3.0	5.5	4.8	3.3	5.1	4.5	3.0	4.5	3.9	2.4	4.2	3.6	2.4	3.6	3.3	2.1
		1.9	1.8	0.9	2.1	2.0	1.0	2.2	2.1	1.0	2.0	1.8	0.9	3.0	2.7	1.4	2.1	1.9	1.0
		2.04	2.22	2.64	1.83	2.0	2.37	1.14	1.24	1.47	1.5	1.63	1.94	1.35	1.47	1.74	1.18	1.28	1.53
		1.49	1.99	3.24	1.25	1.74	2.49	1.0	1.25	1.99	1.0	1.25	1.99	0.75	1.0	1.49	0.75	1.0	1.49
105		6.0	5.4	3.3	6.0	5.4	3.3	5.4	5.1	3.0	4.8	4.2	2.7	4.5	3.9	2.4	3.9	3.6	2.1
		2.0	1.9	1.0	2.2	2.0	1.0	2.3	2.1	1.0	2.1	1.9	1.0	2.91	2.7	1.4	2.1	2.0	1.0
		2.3	2.5	2.97	2.06	2.25	2.66	1.95	2.01	2.39	1.69	1.84	2.18	1.52	1.65	1.97	1.33	1.45	1.72
		1.99	2.74	4.49	1.74	2.24	3.74	1.25	1.74	2.74	1.0	1.25	1.99	1.0	1.25	1.99	0.75	1.0	1.49
120		6.7	5.7	3.6	6.7	5.7	3.6	6.0	5.4	3.3	5.4	4.8	3.0	5.1	4.5	3.0	4.5	3.9	2.4
		2.2	2.1	1.0	2.2	2.0	1.0	2.3	2.1	1.1	2.1	2.0	1.0	3.0	2.5	1.4	2.2	2.1	1.0
		2.55	2.78	3.3	2.3	2.5	2.97	2.05	2.24	2.65	1.88	2.05	2.43	1.69	1.85	2.19	1.48	1.61	1.91
		2.24	2.99	4.98	1.99	2.74	4.49	1.49	1.99	3.24	1.25	1.74	2.74	1.25	1.74	2.74	1.0	1.25	2.24
130		7.3	6.4	4.2	7.0	6.0	3.9	6.4	5.7	3.6	6.0	5.1	3.3	5.4	4.8	3.0	5.1	4.5	3.0
		2.2	2.1	1.0	2.3	2.2	1.1	2.3	2.2	1.1	2.2	2.1	1.0	3.0	2.7	1.4	2.2	2.1	1.0
		2.81	3.06	3.63	2.53	2.75	3.26	2.26	2.47	2.93	2.07	2.25	2.67	1.86	2.03	2.41	1.63	1.78	2.11
		2.74	3.74	6.23	2.49	3.49	5.48	1.74	2.24	3.99	1.49	1.99	3.24	1.25	1.74	2.49	1.0	1.25	2.24
140		8.2	7.3	4.5	7.6	6.7	4.2	7.0	6.0	3.9	6.7	5.7	3.6	6.0	5.4	3.3	5.4	4.8	3.0
		2.3	2.2	1.1	2.4	2.2	1.1	2.4	2.2	1.1	2.3	2.2	1.1	3.0	2.7	1.4	2.3	2.1	1.1
		3.07	3.34	3.96	2.76	3.01	3.57	2.47	2.69	3.19	2.26	2.46	2.92	2.03	2.22	2.63	1.78	1.94	2.3
		3.24	4.49	7.23	2.74	3.74	6.23	2.24	2.99	4.98	1.74	2.49	3.99	1.49	1.99	3.24	1.24	1.49	2.49
155		8.8	7.9	4.8	8.2	7.3	4.5	7.6	6.7	4.2	7.0	6.4	3.9	6.7	5.7	3.6	5.7	5.1	3.3
		2.4	2.3	1.1	2.4	2.3	1.1	2.4	2.3	1.1	2.4	2.3	1.1	3.0	2.7	1.4	2.4	2.2	1.1
		3.33	3.63	4.3	2.99	3.26	3.87	2.68	2.92	3.46	2.45	2.67	3.17	2.2	2.4	2.85	1.93	2.1	2.49
		3.74	4.98	8.47	3.24	4.49	7.47	2.49	3.49	5.73	1.99	2.14	4.49	1.74	2.24	3.99	1.25	1.49	2.74
165		9.4	8.2	5.1	8.8	7.6	4.8	8.2	7.3	4.5	7.6	6.7	4.2	7.0	6.0	3.9	6.4	5.7	3.6
		2.5	2.3	1.2	2.4	2.3	1.2	2.5	2.3	1.2	2.5	2.3	1.2	3.0	2.8	1.4	2.5	2.3	1.2
		3.58	3.9	4.63	3.22	3.51	4.16	2.88	3.14	3.73	2.64	2.87	3.41	2.38	2.59	3.07	2.08	2.26	2.69
		4.24	5.73	9.72	3.49	4.74	7.97	2.74	3.74	6.48	1.99	2.99	5.23	1.99	2.74	4.49	1.49	1.99	3.24
175		9.7	8.5	5.4	9.4	8.2	5.4	8.5	7.6	4.8	8.2	7.0	4.5	7.3	6.4	4.2	6.7	6.0	3.6
		2.5	2.4	1.2	2.5	2.3	1.2	2.6	2.4	1.2	2.6	2.4	1.2	3.0	2.8	1.4	2.6	2.4	1.2
		3.84	4.19	4.96	3.46	3.76	4.47	3.09	3.37	3.99	2.83	3.08	3.65	2.55	2.78	3.28	2.23	2.43	2.88
		4.98	6.73	11.46	3.99	5.48	9.22	3.24	4.49	7.47	2.49	3.49	5.73	2.24	2.99	4.98	1.49	1.99	3.24
190		10.3	9.1	5.7	9.7	9.1	5.4	9.1	8.2	5.1	8.5	7.6	4.8	7.9	7.0	4.5	7.3	6.4	4.2
		2.6	2.4	1.2	2.6	2.4	1.2	2.6	2.4	1.2	2.6	2.4	1.2	3.0	2.8	1.4	2.6	2.4	1.2
		4.1	4.46	5.29	3.69	4.02	4.51	3.3	3.59	4.25	3.02	3.29	3.9	2.72	2.96	3.52	2.38	2.59	3.07
		5.48	7.47	12.7	4.49	6.23	10.21	3.74	5.23	8.72	2.99	4.24	6.98	2.49	3.49	5.73	1.74	2.49	3.99
210		11.5	10.3	6.7	10.9	9.7	6.0	10.3	8.8	5.7	9.4	8.2	5.4	8.8	7.9	4.8	7.9	7.0	4.5
		2.6	2.4	1.3	2.7	2.5	1.3	2.8	2.5	1.3	2.7	2.6	1.3	3.0	2.8	1.4	2.7	2.5	1.3
		4.61	5.03	5.96	4.15	4.52	5.36	3.71	4.04	4.79	3.4	3.7	4.39	3.06	3.34	3.96	2.68	2.92	3.46
		6.73	9.22	15.44	5.73	7.97	13.2	4.49	6.23	10.71	3.74	5.23	8.97	3.24	4.49	7.23	1.74	2.49	3.99
235		12.5	10.9	7.0	12.1	10.9	7.0	10.9	9.7	6.0	10.3	9.1	5.7	9.7	8.5	5.4	8.8	7.9	4.8
		2.7	2.5	1.3	2.8	2.6	1.4	2.8	2.6	1.4	2.8	2.6	1.4	3.0	2.8	1.4	2.8	2.6	1.4
		5.13	5.59	6.63	4.62	5.03	5.96	4.13	4.5	5.33	3.78	4.12	9.75	3.4	3.71	4.39	2.98	3.24	3.85
		8.22	11.21	19.17	6.98	9.72	16.19	5.48	7.47	13.2	4.49	6.23	10.71	3.74	5.23	8.72	2.74	3.49	6.48
260		13.4	11.8	7.6	13.1	11.5	7.3	11.8	10.6	6.7	11.2	10.0	6.4	10.6	9.4	6.0	9.7	8.5	5.4
		2.8	2.6	1.3	2.9	2.7	1.4	2.9	2.7	1.4	2.9	2.7	1.4	3.0	2.8	1.4	3.0	2.7	1.4
		5.66	6.15	7.29	5.08	5.53	6.55	4.54	4.95	5.87	4.16	4.53	5.37	3.75	4.08	4.84	3.28	3.57	4.23
		9.96	13.7	23.16	8.22	11.71	19.17	6.73	9.22	16.19	5.23	7.23	12.7	4.49	6.23	10.71	3.24	4.49	7.72
280		14.6	12.8	8.2	14.0	12.1	7.9	12.8	11.2	7.3	11.8	10.6	6.7	11.5	10.3	6.7	10.6	9.4	6.0
		2.9	2.7	1.4	3.0	2.7	1.4	3.0	2.8	1.4	2.9	2.7	1.4	3.0	2.8	1.4	3.1	2.9	1.5
		6.16	6.71	7.95	5.54	6.04	7.14	4.96	5.4	6.4	4.54	4.94	5.87	4.09	4.45	5.28	3.58	3.9	4.62
		11.71	16.19	27.39	9.96	13.7	23.41	7.97	10.96	19.17	6.23	8.72	15.19	5.73	7.47	12.95	3.99	5.23	9.72
305		15.5	13.7	8.8	14.6	12.8	8.2	13.7	12.0	7.8	13.0	11.5	7.2	12.5	10.8	7.3	11.5	10.0	6.7
		3.0	2.8	1.4	3.0	2.8	1.4	3.1	2.8	1.4	3.0	2.8	1.4	3.1	2.9	1.4	3.2	3.0	1.5
		6.67	7.27	8.63	6.01	6.54	7.76	5.37	5.95	6.93	4.92	5.36	6.35	4.43	4.83	5.72	3.88	4.22	5.01
		13.94	19.17	32.62	11.46	15.94	26.89	9.22	12.7	22.16	7.47	10.46	18.18	8.23	8.72	14.69	4.49	6.23	10.96

ORDERING PROCEDURE : REFER TO PAGE 623 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED

ACPAR AIR DIFFUSION EQUIPMENT

PERFORMANCE DATA

WALL SUPPLY GRILLES — MODEL WS — DOUBLE DEFLECTION

FLOW	NOM.SIZE mm	750 x 150 450 x 250			600 x 200 500 x 250			900 x 150 450 x 300			750 x 200 600 x 250			900 x 200 700 x 250			750 x 250 600 x 300		
l/sec.	DEFLECTION	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°
330	Throw	11.2	10.6	6.4	10.9	9.76	6.1	10.3	9.1	5.7	9.4	8.2	5.4	8.23	7.3	4.5	7.9	7.0	4.5
	Drop	3.20	3.0	1.6	3.3	3.0	1.6	3.7	3.5	1.8	3.3	3.1	1.6	4.4	4.1	2.2	3.3	3.1	1.6
	Velocity	3.79	4.13	4.9	3.47	3.77	4.47	3.15	3.63	4.06	2.75	3.01	3.58	2.27	2.48	3.01	2.17	2.37	2.80
	Static Pressure	4.49	6.24	10.71	3.49	4.99	8.47	3.24	4.48	8.22	2.49	3.49	6.23	1.74	2.49	4.23	1.25	1.74	3.24
355		12.2	10.6	7.0	11.5	10.3	6.7	11.2	10.0	6.4	10.6	8.8	5.7	8.8	7.9	4.8	8.2	7.3	4.5
		3.3	3.1	1.6	3.3	3.1	1.6	3.7	3.5	1.9	3.3	3.1	1.6	4.4	4.2	2.2	3.4	3.2	1.7
		4.06	4.42	5.23	3.71	4.04	4.79	3.38	3.9	4.35	2.95	3.23	3.83	2.44	2.66	3.15	2.33	2.53	3.0
		5.23	7.22	12.7	4.0	5.74	9.72	3.74	5.23	9.22	2.74	3.74	6.73	1.99	2.74	4.73	1.49	2.24	3.98
375		13.1	11.5	7.6	12.5	10.9	7.3	11.8	10.6	7.0	10.6	9.4	6.1	9.4	8.2	5.4	8.8	7.9	4.8
		3.3	3.1	1.7	3.4	3.2	1.7	3.7	3.5	1.9	3.4	3.2	1.7	4.4	4.2	2.2	3.5	3.3	1.7
		4.33	4.7	5.59	3.95	4.31	5.1	3.61	4.15	4.66	3.15	3.45	4.1	2.6	2.85	3.37	2.48	2.7	3.21
		5.73	7.98	13.45	4.48	6.23	10.96	4.23	5.98	10.46	2.99	4.23	7.22	2.24	3.24	5.48	1.49	2.24	3.98
400		13.7	12.2	7.9	13.1	11.5	7.6	12.5	10.9	7.3	11.2	10.0	6.4	9.7	8.5	5.4	9.4	8.2	5.4
		3.4	3.2	1.7	3.5	3.3	1.7	3.8	3.5	1.9	3.5	3.2	1.7	4.4	4.1	2.2	3.5	3.3	1.7
		4.62	5.02	5.97	4.21	4.59	5.43	3.89	4.51	5.02	3.41	3.71	4.41	2.81	3.06	3.63	2.68	2.93	3.45
		6.47	8.96	16.93	5.23	7.47	12.95	4.73	6.72	11.7	3.24	4.48	7.97	2.49	3.49	5.98	1.74	2.49	4.73
425		14.0	12.5	7.9	13.4	11.89	7.6	13.1	11.5	7.6	11.5	10.3	6.7	10.3	9.1	5.7	10.0	8.8	5.7
		3.5	3.3	1.7	3.6	3.5	1.8	3.8	3.6	1.9	3.6	3.4	1.7	4.4	4.1	2.2	3.6	3.3	1.7
		4.96	5.38	6.38	4.53	4.94	5.85	4.12	4.75	5.32	3.62	3.94	4.68	2.98	3.24	3.86	2.84	3.1	3.66
		7.22	9.96	17.18	5.73	8.22	14.19	5.23	7.47	12.95	3.74	5.23	9.21	2.74	3.98	6.72	1.99	2.99	5.23
470		15.5	13.7	8.8	14.9	13.1	8.5	14.3	12.8	8.2	12.8	11.2	7.3	11.5	10.3	6.7	10.3	9.1	5.7
		3.6	3.4	1.8	3.7	3.5	1.8	3.8	3.6	1.9	3.7	3.5	1.8	4.4	4.1	2.2	3.7	3.4	1.8
		5.5	5.98	7.1	5.03	5.49	6.5	4.58	5.28	5.92	4.02	4.38	5.18	3.3	3.6	4.28	3.15	3.44	4.06
		8.96	12.7	21.91	6.97	10.21	17.43	6.23	8.96	15.44	4.48	6.47	11.21	3.24	4.48	7.97	2.49	3.49	6.97
520		16.7	14.9	9.7	16.1	14.3	9.1	15.5	13.7	8.8	13.4	11.8	7.6	12.5	10.9	7.3	11.2	10.0	6.4
		3.7	3.5	1.8	3.8	3.6	1.9	3.9	3.7	1.9	3.9	3.7	1.9	4.5	4.2	2.2	3.8	3.5	1.9
		6.06	6.6	7.82	5.54	6.02	7.16	5.04	5.84	6.5	4.42	4.82	5.72	3.64	3.98	4.7	3.46	3.78	4.46
		10.71	14.94	25.9	8.47	11.96	21.18	7.47	10.71	18.68	5.48	7.72	13.7	3.98	5.73	9.96	2.99	4.48	8.22
565		17.9	15.8	10.3	17.3	15.2	10.0	16.7	14.9	9.7	15.2	13.4	8.5	13.4	11.8	7.6	11.8	10.6	7.0
		3.8	3.6	1.9	3.9	3.7	1.9	4.0	3.8	1.9	4.0	3.8	2.0	4.5	4.1	2.2	3.9	3.6	1.9
		6.62	7.2	8.54	6.06	6.58	7.8	5.5	6.36	7.1	4.84	5.26	6.22	3.98	4.32	5.14	3.78	4.11	4.88
		12.95	18.18	31.13	9.97	14.19	25.16	8.96	12.95	22.66	6.23	8.96	15.69	4.48	6.47	11.21	3.49	5.23	9.46
610		19.2	17.0	10.8	18.6	16.4	10.5	17.9	15.8	10.3	16.4	14.6	9.4	14.3	12.7	8.2	13.1	11.4	7.6
		3.9	3.7	1.9	4.0	3.8	1.9	4.1	3.9	2.0	4.1	3.9	2.0	4.5	4.1	2.2	4.0	3.7	1.9
		7.16	7.8	9.22	6.56	7.14	8.46	5.95	6.88	7.72	5.24	5.70	6.74	4.3	4.7	5.56	4.1	4.46	5.28
		15.19	21.17	36.85	11.7	16.68	29.38	10.46	15.19	26.39	7.47	10.71	18.92	5.23	7.47	12.7	4.23	6.23	11.45
660		20.2	17.8	11.5	19.7	17.6	11.2	18.9	16.7	10.5	17.6	15.5	10.0	15.4	13.7	8.8	14.3	12.8	8.2
		4.0	3.8	1.9	4.0	3.8	2.0	4.1	3.9	2.0	4.2	4.0	2.1	4.5	4.1	2.2	4.1	3.9	2.0
		7.7	8.42	9.96	7.06	7.68	9.11	6.41	7.42	8.29	5.64	6.12	7.28	4.64	5.06	6.0	4.42	4.8	5.7
		17.68	24.4	42.08	13.45	19.17	33.62	12.2	17.68	30.89	8.72	12.45	22.16	6.23	8.96	15.94	5.23	7.47	13.45
705		21.2	18.8	12.0	20.6	18.2	11.5	20.0	17.6	11.2	18.6	16.4	10.6	16.4	14.6	9.4	15.5	13.7	8.8
		4.1	3.9	2.0	4.1	3.9	2.0	4.2	4.0	2.1	4.3	4.0	2.1	4.5	4.1	2.2	4.3	4.0	2.1
		8.27	9.0	10.66	7.55	8.23	9.76	6.88	7.95	8.9	6.02	6.56	7.78	4.98	5.42	6.42	4.72	5.16	6.1
		20.17	28.64	48.56	15.44	21.91	38.84	13.94	20.17	35.36	9.96	14.19	25.4	6.97	9.96	17.68	5.73	8.72	15.44
755		22.4	19.8	12.8	21.8	19.5	12.5	21.0	18.6	11.7	19.5	17.3	10.9	17.3	15.2	10.0	16.6	14.9	9.7
		4.1	3.9	2.0	4.2	4.0	2.0	4.3	4.1	2.1	4.4	4.1	2.2	4.5	4.2	2.2	4.4	4.1	2.2
		8.82	9.6	11.37	8.05	8.79	10.41	7.35	8.47	9.49	6.43	7.02	8.32	5.3	5.78	6.86	5.04	5.5	6.5
		22.91	31.62	55.03	17.43	25.15	43.82	15.69	22.66	39.84	11.45	16.43	29.13	7.97	11.45	20.17	6.47	9.71	17.43
800		23.6	21.0	13.4	23.0	20.3	13.1	22.2	19.7	12.8	20.4	17.9	11.4	18.2	16.1	10.3	17.6	15.5	10.0
		4.2	4.0	2.1	4.3	4.0	2.1	4.4	4.1	2.2	4.5	4.2	2.2	4.5	4.2	2.2	4.5	4.2	2.2
		9.38	10.22	12.12	8.56	9.36	11.06	7.8	9.02	10.08	6.84	7.45	8.84	5.64	6.16	7.27	5.36	5.84	6.92
		25.65	35.86	62.0	19.67	28.14	49.3	17.68	25.4	44.82	12.7	18.18	32.37	8.96	12.95	23.16	7.47	10.96	18.68
850		25.3	22.4	14.2	24.3	21.5	13.7	23.1	20.4	13.1	21.6	19.2	12.5	19.5	17.3	10.9	18.6	16.4	10.6
		4.3	4.0	2.1	4.3	4.0	2.1	4.4	4.1	2.2	4.5	4.2	2.2	4.6	4.3	2.3	4.6	4.3	2.3
		9.92	10.8	12.8	9.08	9.88	11.72	8.26	9.53	10.66	7.24	7.9	9.36	5.98	6.5	7.72	5.68	6.18	7.32
		28.64	39.84	69.47	21.91	31.37	55.28	19.92	28.64	29.88	14.19	20.42	36.11	9.96	14.44	25.65	8.22	11.95	21.41
895											22.4	19.8	12.8	20.1	17.6	11.2	19.5	17.38	10.9
											4.6	4.3	2.3	4.7	4.4	2.3	4.7	4.4	2.3
											7.64	8.58	9.88	6.3	6.86	8.14	6.0	6.52	7.74
											15.94	22.91	40.59	10.96	15.69	28.14	9.21	13.45	24.15
940																			

7

ORDERING PROCEDURE : REFER TO PAGE 623 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED

ACPAR AIR DIFFUSION EQUIPMENT

PERFORMANCE DATA

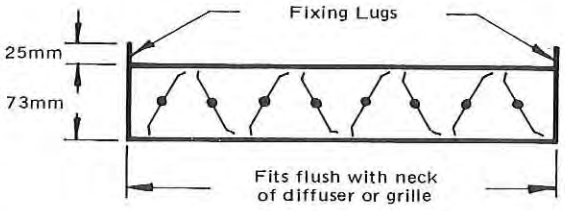
WALL SUPPLY GRILLES — MODEL WS — DOUBLE DEFLECTION

FLOW	NOM.SIZE mm	750 x 300			900 x 300			1000 x 300			1200 x 300			900 x 450			1000 x 450		
l/sec.	DEFLECTION	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°	0°	22½°	45°
330	Throw	7.0	6.1	4.0															
	Drop	3.3	3.1	1.6															
	Velocity	1.78	1.95	2.32															
	Static Pressure	1.0	1.25	2.24															
355		7.3	6.4	4.2															
		3.3	3.1	1.6															
		1.93	2.1	2.49															
		1.25	1.74	2.99															
375		7.9	7.0	4.5	6.7	5.7	3.6	6.1	5.5	3.3									
		3.4	3.2	1.6	3.7	3.5	1.8	3.7	3.5	1.8									
		2.06	2.24	2.67	1.7	1.85	2.21	1.51	1.67	1.97									
		1.25	1.74	3.0	1.0	1.50	2.24	0.75	1.0	1.74									
400		8.2	7.3	4.5	7.3	6.4	4.2	6.4	5.8	3.6									
		3.4	3.2	1.7	3.7	3.5	1.8	3.7	3.5	1.8									
		2.18	2.38	2.83	1.8	1.97	2.34	1.61	1.76	2.1									
		1.49	1.99	3.74	1.0	1.49	2.24	0.75	1.0	1.74									
425		8.8	7.9	4.9	7.6	6.7	4.2	7.0	6.1	3.9									
		3.5	3.3	1.7	3.8	3.5	1.8	3.7	3.5	1.8									
		2.31	2.52	3.06	1.91	2.08	2.48	1.71	1.87	2.23									
		1.49	1.99	3.74	1.0	1.49	2.24	1.0	1.49	2.24									
470		10.0	8.8	5.8	8.5	7.6	4.9	7.9	7.0	4.5	7.0	6.1	3.9						
		3.6	3.4	1.8	3.9	3.6	1.9	3.8	3.6	1.8	5.1	4.9	2.4						
		2.57	2.8	3.33	2.12	2.32	2.74	1.91	2.08	2.47	1.58	1.73	2.06						
		1.74	2.49	4.48	1.24	1.74	2.99	1.0	1.49	2.24	1.0	1.49	2.24						
520		10.9	9.7	6.1	9.4	8.2	5.5	8.8	7.9	4.8	7.6	6.7	4.3						
		3.8	3.6	1.9	4.0	3.7	1.9	3.8	3.6	1.9	5.1	4.9	2.5						
		2.83	3.1	3.66	2.34	2.55	3.03	2.1	2.3	2.72	1.74	1.93	2.3						
		2.24	3.24	5.73	1.49	2.24	3.74	1.24	1.74	2.99	1.0	1.24	2.24						
565		11.8	10.6	7.0	10.3	9.1	5.8	9.4	8.2	5.4	8.2	7.3	4.5	7.3	6.4	4.2	5.8	5.1	3.3
		3.9	3.7	1.9	4.1	3.8	2.0	3.9	3.7	1.9	5.1	4.8	2.5	4.6	4.4	2.2	3.4	3.2	1.6
		3.1	3.37	4.0	2.55	2.8	3.3	2.3	2.51	2.97	1.9	2.08	2.47	1.66	1.81	2.16	1.5	1.64	1.95
		2.49	3.49	6.47	1.74	2.49	4.48	1.49	2.24	3.49	1.24	1.74	2.99	1.99	2.99	5.23	1.49	2.24	3.74
610		12.5	10.9	7.3	10.9	9.7	6.1	10.0	8.8	5.8	9.1	8.2	5.1	8.2	7.3	4.5	6.7	5.8	3.6
		4.0	3.8	1.9	4.2	3.9	2.0	4.0	12.5	6.5	5.2	5.0	2.5	4.7	4.4	2.3	3.4	3.2	1.6
		3.35	3.65	4.33	2.77	3.02	3.6	2.48	2.71	3.23	2.06	2.25	2.68	1.8	1.97	2.35	1.63	1.77	2.1
		2.99	4.23	7.72	1.99	2.99	4.98	1.74	2.49	4.48	1.24	1.74	2.99	2.24	3.24	5.98	1.74	2.49	4.48
660		13.4	11.9	7.6	11.8	10.6	7.0	10.9	9.7	6.1	9.7	8.5	5.5	8.8	7.9	4.8	7.3	6.4	4.2
		4.2	4.0	2.0	4.3	4.0	2.1	4.2	4.0	2.0	5.3	4.9	2.5	4.8	4.5	2.3	3.6	3.4	1.7
		3.61	3.93	4.66	3.0	3.26	3.86	2.68	2.92	3.47	2.22	2.43	2.89	1.94	2.12	2.52	1.75	1.91	2.28
		3.49	4.98	9.21	2.25	3.24	5.73	1.99	2.74	4.98	1.49	2.49	3.74	2.49	3.74	6.72	1.99	2.99	5.23
705		14.3	12.8	8.23	12.5	10.9	10.3	11.9	10.6	7.0	10.3	9.1	5.8	9.4	8.5	5.4	7.9	7.0	4.5
		4.4	4.1	2.1	4.5	4.2	2.2	4.4	4.1	2.2	5.4	5.1	2.6	4.9	4.5	2.3	3.7	3.5	1.8
		3.87	4.21	5.0	3.2	3.5	4.14	2.87	3.14	3.72	2.4	2.62	3.1	2.08	2.27	2.7	1.9	2.05	2.42
		3.74	5.48	9.96	2.74	3.98	7.22	2.24	3.24	5.73	1.74	2.49	4.48	2.99	4.48	8.22	2.24	3.24	5.98
755		15.2	13.4	8.5	13.1	11.6	7.6	12.5	10.9	7.3	10.9	9.7	6.1	10.1	8.8	5.8	8.5	7.6	4.9
		4.5	4.2	2.2	4.6	4.3	2.3	4.5	4.2	2.2	5.5	5.1	2.7	4.9	4.6	2.4	3.7	3.5	1.8
		4.12	4.5	5.32	3.4	3.71	4.4	3.06	3.33	3.96	2.55	2.78	3.3	2.24	2.44	2.9	2.02	2.18	2.6
		4.23	6.23	11.21	2.99	4.48	7.97	2.49	3.74	6.47	1.74	2.49	4.48	3.24	4.98	8.96	2.74	3.98	7.47
800		15.8	14.0	8.8	14.0	12.5	7.9	13.1	11.6	7.6	11.6	10.3	6.7	10.6	9.4	6.1	9.1	8.2	5.1
		4.6	4.3	2.3	4.7	4.4	2.3	4.6	4.3	2.3	5.5	5.1	2.7	4.9	4.6	2.4	3.8	3.6	1.8
		4.38	4.78	5.67	3.62	3.96	4.7	3.26	3.56	4.22	2.7	2.95	3.52	2.36	2.58	3.08	2.14	2.32	2.76
		4.73	6.97	12.7	3.24	4.73	8.47	2.74	3.98	7.22	1.99	2.99	5.23	3.74	5.73	10.46	2.99	4.48	8.22
850		16.4	14.6	9.4	14.9	13.1	8.5	13.7	12.2	7.9	12.2	10.7	7.0	11.3	10.0	6.4	9.76	8.5	5.5
		4.7	4.3	2.3	4.8	4.5	2.3	4.7	4.4	2.3	5.5	5.2	2.7	5.0	4.7	2.4	3.8	3.6	1.8
		4.65	5.06	6.0	3.8	4.19	4.97	3.44	3.76	4.46	2.87	3.12	3.72	2.52	2.74	3.26	2.26	2.45	2.92
		5.48	7.97	14.69	3.74	5.48	9.96	2.99	4.48	7.97	2.24	3.24	5.73	3.98	6.23	11.21	3.24	4.98	8.96
895		17.4	15.2	10.0	15.5	13.7	8.8	14.3	12.8	8.2	12.8	11.3	7.32	11.9	10.6	7.0	10.3	9.1	5.8
		4.8	4.5	2.3	4.9	4.6	2.4	4.8	4.5	2.3	5.5	5.2	2.7	5.0	4.7	2.4	3.8	3.6	1.8
		4.9	5.34	6.34	4.06	4.42	5.24	3.64	3.96	4.72	3.02	3.3	3.92	2.64	2.84	3.42	2.4	2.6	3.08
		5.98	8.72	15.94	3.98	5.98	10.71	3.49	5.23	9.21	2.49	3.98	6.47	4.48	6.72	12.7	3.74	5.73	10.71
940					16.1	14.3	9.1	15.2	13.4	8.5	13.4	11.9	7.6	12.5	10.9	7.3	10.9	9.7	6.1
					5.1	4.8	2.4	5.0	4.7	2.4	5.6	5.3	2.7	5.0	4.7	2.4	3.8	3.6	1.8
					4.28	4.66	5.54	3.84	4.2	4.96	3.18	3.47	4.12	2.8	3.06	3.62	2.52	2.74	3.24
					4.48	6.72	11.95	3.74	5.48	9.96	2.74	4.23	7.22	4.98	7.47	14.19	3.98	5.98	10.96
1130					19.2	17.0	11.6	18.3	16.1	10.3	16.4	14.63	9.4	15.5	13.7	8.8	13.4	11.8	7.6
					5.3	5.0	2.6	5.2	4.9	2.5	5.7	5.3	2.8	5.1	4.8	2.5	3.8	3.6	1.9
					5.14	5.6	6.62	4.62	5.02	5.96	3.82	4.18	4.96	3.36	3.66	4.34	3.02	3.28	3.9
					6.23	9.21	16.93	5.24	7.72	14.2	3.74	5.48	9.96	6.98	10.72	20.18	5.73	8.47	16.19
1320					21.65	19.2	12.5	20.7	18.3	11.6	17.0	15.2	9.7	16.1	14.3	9.1	14.6	12.8	8.2
					5.7	5.4	2.7	5.3	5.0	2.6	5.8	5.5	2.8	5.2	4.9	2.5	3.8	3.5	1.9
					5.98	6.45	7.72	5.38	5.86	6.94	4.46	4.88	5.78	3.92	4.28	5.06	3.52	3.84	4.56
					8.47	12.7	23.16	6.97	10.46	18.92	5.23	7.72	14.2	9.46	14.44	27.14	7.72	11.96	22.16
1500					24.4	21.6	13.7	22.8	20.1	13.1	21.0	18.6	11.8	20.1	17.6	11.2	18.6	16.4	10.6
					5.8	5.5	2.8	5.6	5.3	2.7	6.0	5.7	2.9	5.5	5.2	2.7	4.2	3.9	2.1
					6.84	7.45	8.83	6.14	6.7	7.95	5.12	5.56	6.6	4.48	4.88	5.78	4.02	4.38	5.22
					11.21	16.68	30.63	8.96	13.46	24.66	6.72	9.96	18.68	12.2	18.68	34.61	10.21	15.69	29.14

ORDERING PROCEDURE : REFER TO PAGE 623 AND QUOTE CATALOGUE NO. OF ITEM REQUIRED

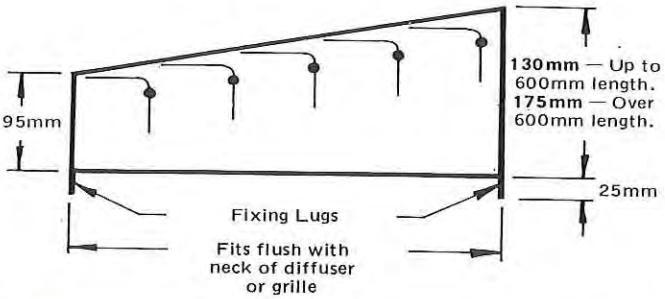
ACPAR AIR DIFFUSION EQUIPMENT

OPPOSED BLADE (OB) DAMPERS — MODEL D



CAT. NO.	SIZE mm		APPROX. IMPERIAL EQUIVALENT SIZE — INS.
	WIDTH	HEIGHT	
6241	300	100	12 x 4
6242	350	100	14 x 4
6243	400	100	16 x 4
6244	450	100	18 x 4
62413	300	150	12 x 6
62414	350	150	14 x 6
62415	400	150	16 x 6
62416	450	150	18 x 6
62417	500	150	20 x 6
62418	600	150	24 x 6
62426	400	200	16 x 8
62427	450	200	18 x 8
62428	500	200	20 x 8
62429	600	200	24 x 8
62430	750	200	30 x 8
62431	900	200	36 x 8
62438	400	250	16 x 10
62439	450	250	18 x 10
62440	500	250	20 x 10
62441	600	250	24 x 10
62442	750	250	30 x 10
62443	900	250	36 x 10
62451	500	300	20 x 12
62452	600	300	24 x 12
62453	750	300	30 x 12
62454	900	300	36 x 12
62463	350	350	14 x 14
62464	400	400	16 x 16
62465	500	500	20 x 20
62466	600	600	24 x 24
62467	750	750	30 x 30

STREAM SPLITTER (SS) DAMPERS — MODEL V



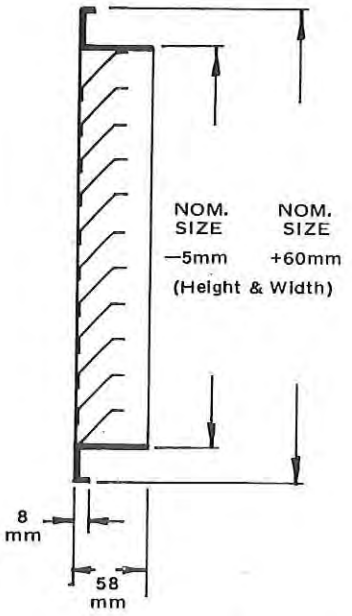
CAT. NO.	SIZE mm		APPROX. IMPERIAL EQUIVALENT SIZE — INS.
	WIDTH	HEIGHT	
62476	300	100	12 x 4
62477	350	100	14 x 4
62478	400	100	16 x 4
62479	450	100	18 x 4
62488	300	150	12 x 6
62489	350	150	14 x 6
62490	400	150	16 x 6
62491	450	150	18 x 6
62492	500	150	20 x 6
62493	600	150	24 x 6
624101	400	200	16 x 8
624102	450	200	18 x 8
624103	500	200	20 x 8
624104	600	200	24 x 8
624105	750	200	30 x 8
624106	900	200	36 x 8
624113	400	250	16 x 10
624114	450	250	18 x 10
624115	500	250	20 x 10
624116	600	250	24 x 10
624117	750	250	30 x 10
624118	900	250	36 x 10
624126	500	300	20 x 12
624127	600	300	24 x 12
624128	750	300	30 x 12
624129	900	300	36 x 12
624138	350	350	14 x 14
624139	400	400	16 x 16
624140	500	500	20 x 20
624141	600	600	24 x 24
624142	750	750	30 x 30

NOTE : FIRST 3 NUMERALS OF CAT. No. INDICATES PAGE No.

USE OUR TELEX SERVICE FOR YOUR ORDER

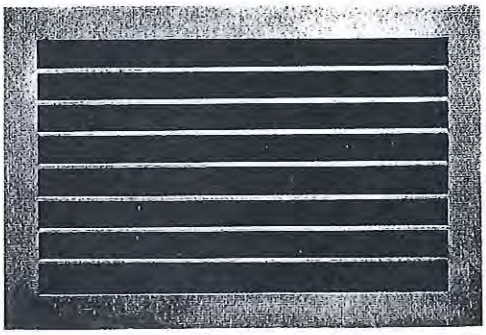
ACPAR AIR DIFFUSION EQUIPMENT

WALL RETURN GRILLE — MODEL WR & WRH



MODEL WR : FIXED CORE

MODEL WRH : HINGED CORE WITH FILTER SLIDES



MODEL WR
FIXED CORE

CAT. NO.	SIZE		APPROX. IMPERIAL EQUIVALENT INS.
	HEIGHT	WIDTH	
6251	400	500	16 x 20
6252	400	600	16 x 24
6253	400	750	16 x 30
6254	450	450	18 x 18
6255	450	600	18 x 24
6256	450	750	18 x 30

MODEL WRH
HINGED CORE WITH FILTER SLIDES

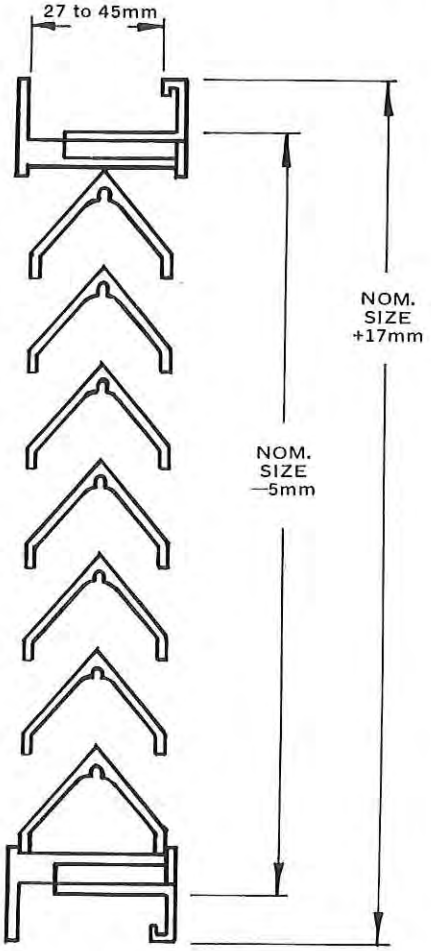
CAT. NO.	SIZE		APPROX. IMPERIAL EQUIVALENT INS.
	HEIGHT	WIDTH	
62526	400	500	16 x 20
62527	400	600	16 x 24
62528	400	750	16 x 30
62529	450	450	18 x 18
62530	450	600	18 x 24
62531	450	750	18 x 30

PERFORMANCE DATA

VELOCITY →		1.0 m/sec		1.5 m/sec		2.0 m/sec		2.5 m/sec		3.0 m/sec	
GRILLE SIZE	FREE AREA m^2	PRESSURE DROP — PASCALS									
		5		10		17.5		27.5		40	
		l/sec	NC	l/sec	NC	l/sec	NC	l/sec	NC	l/sec	NC
300 x 300	0.053	53	—	80	—	106	—	133	20	159	27
350 x 350	0.076	76	—	114	—	152	—	190	21	228	30
400 x 400	0.103	103	—	155	—	206	14	258	22	309	31
400 x 500	0.135	135	—	203	—	270	15	338	23	405	31
400 x 600	0.167	167	—	250	—	334	16	418	24	501	32
400 x 750	0.215	215	—	322	—	430	16	538	26	645	34
400 x 900	0.324	324	—	486	—	648	18	810	28	972	35
450 x 450	0.134	134	—	201	—	268	15	335	24	402	31
450 x 500	0.152	152	—	228	—	304	16	380	24	456	32
450 x 600	0.188	188	—	282	—	376	16	470	25	564	33
450 x 750	0.242	242	—	363	—	484	18	605	26	726	34
450 x 900	0.296	296	—	444	—	592	19	740	27	888	35
500 x 400	0.129	129	—	194	—	258	15	323	23	387	31
500 x 500	0.169	169	—	254	—	338	16	423	24	507	32
500 x 600	0.209	209	—	314	—	418	16	523	26	627	33
600 x 600	0.251	251	—	377	—	302	16	628	28	753	34
600 x 900	0.396	396	—	594	—	792	20	990	28	1188	36
600 x 1200	0.541	541	—	812	—	1082	21	1353	30	1623	38
750 x 750	0.406	406	—	609	—	812	20	1015	29	1218	36
750 x 900	0.496	496	—	744	—	992	21	1240	30	1488	37
750 x 1200	0.678	678	—	1017	—	1356	22	1695	31	2034	38
900 x 900	0.596	596	—	894	—	1192	21	1490	31	1788	38
900 x 1200	0.814	814	—	1221	—	1628	24	2035	33	2442	39
1200 x 1200	1.087	1087	—	1630	—	2174	24	2718	34	3261	40

REFER ALSO TO TECH. PAGE 596-a FOR ADDITIONAL BRADY PRODUCTS.

ACPAR AIR DIFFUSION EQUIPMENT



DOOR RELIEF GRILLE MODEL DT

ALUMINIUM ENAMEL FINISH

CAT. NO.	SIZE mm	FREE AREA m^3	FACE VELOCITY — m/s			
			0.5	1.0	1.5	2.0
			PRESSURE — Pascal			
			1.7	9	19	38
			CAPACITY — litre/sec.			
6267	450 x 150	0.035	18	35	53	70
6268	450 x 200	0.050	25	50	75	100
6269	450 x 300	0.083	42	83	125	166
6261	600 x 150	0.047	24	47	71	94
6262	600 x 200	0.069	35	69	104	138
6263	600 x 250	0.090	45	90	135	180
6264	600 x 300	0.112	56	112	168	224
6265	600 x 450	0.176	88	176	264	352
6266	600 x 600	0.240	120	240	360	480

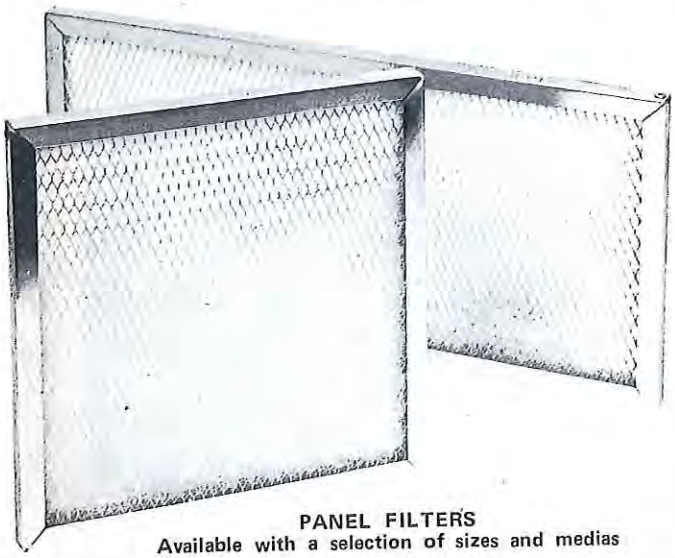
TELEPHONE YOUR ORDER

ALFCO
Aluminum Filter Company

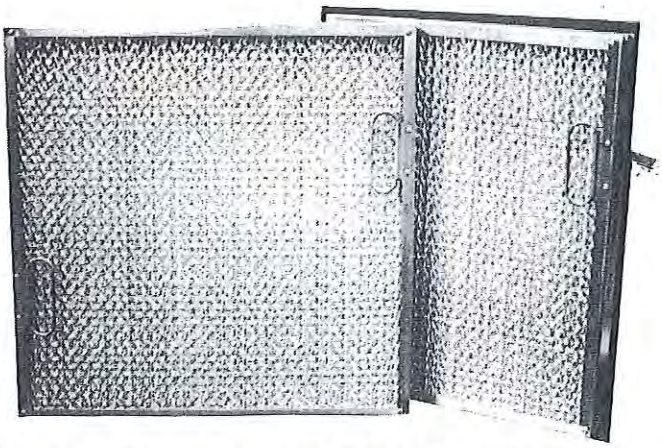
air filtration

ALFCO & ACTROL — TWO NAMES TO ASSOCIATE WITH AIR FILTRATION

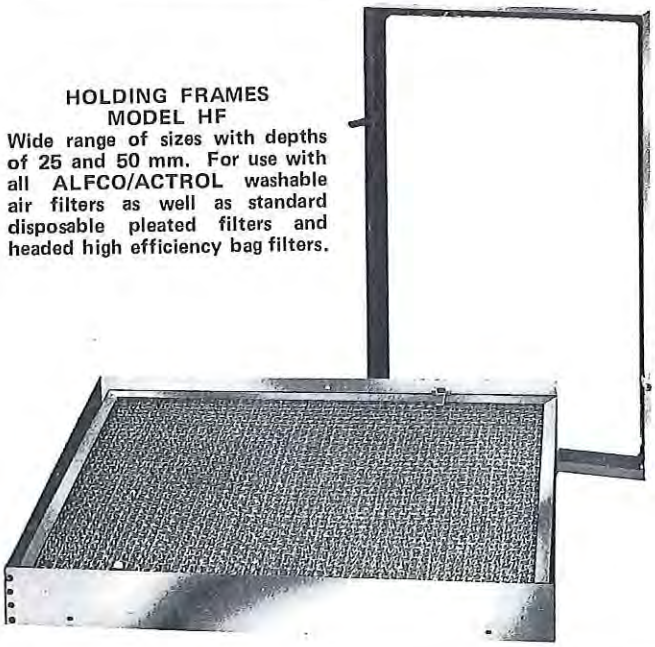
Illustrated and briefly described is a wide range of filter types to suit most applications. Many of these filters are now being manufactured in Australia by Actrol. They vary from low to high (Absolute) air filtration, grease removal, frames, media and special application filters such as instrument fan filters and computer disc drive replacement filters. Comprehensive literature and technical advice is now available.



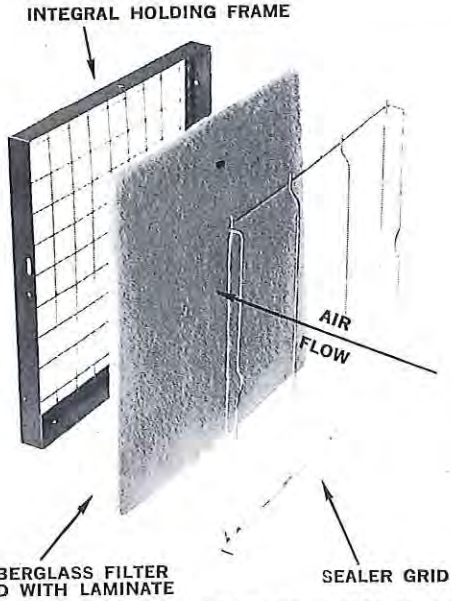
PANEL FILTERS
Available with a selection of sizes and medias



ALL ALUMINIUM GREASE FILTERS — MODEL GF-50
Sturdy aluminium frame construction with multiple layers of expanded aluminium media. Four basic sizes plus specials on application. Easily washable with mild detergent and hot water.

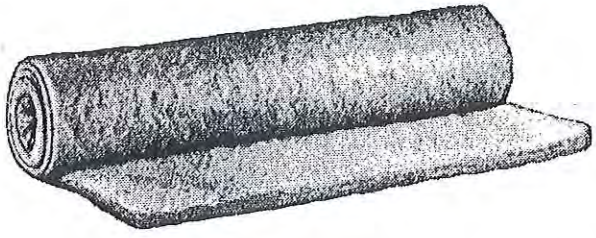


HOLDING FRAMES
MODEL HF
Wide range of sizes with depths of 25 and 50 mm. For use with all ALFCO/ACTROL washable air filters as well as standard disposable pleated filters and headed high efficiency bag filters.



REPLACEABLE MEDIA FILTERS — MODEL RM
Available in 3 sizes, designed to fit into all air handling units

FILTER MEDIA

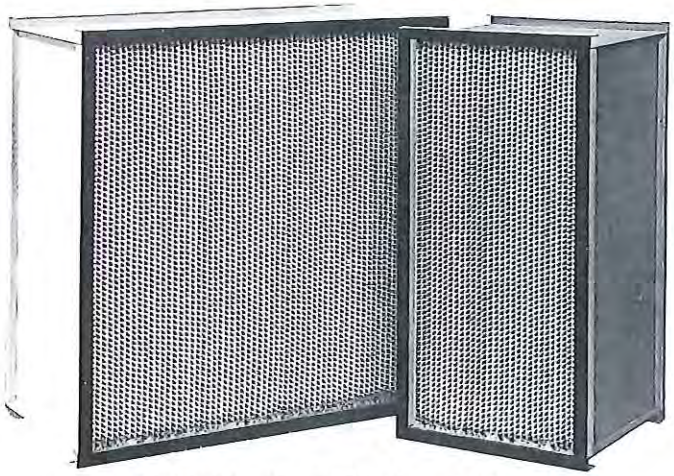


Synthetic washable filter media in several efficiency grades. Low air flow resistance and high dirt, dust and lint retaining ability. For heating systems, air conditioners etc.

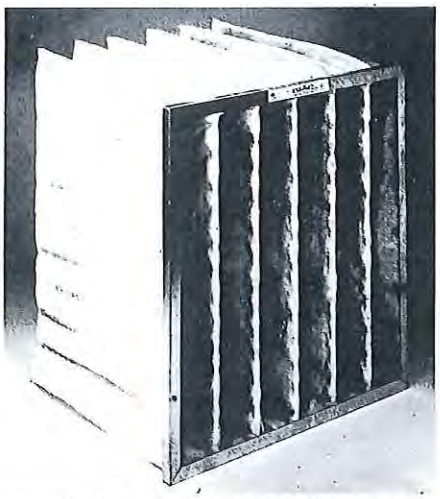
Available in cut pads or bulk roll form.

ALFCO air filtration

Aluminum Filter Company

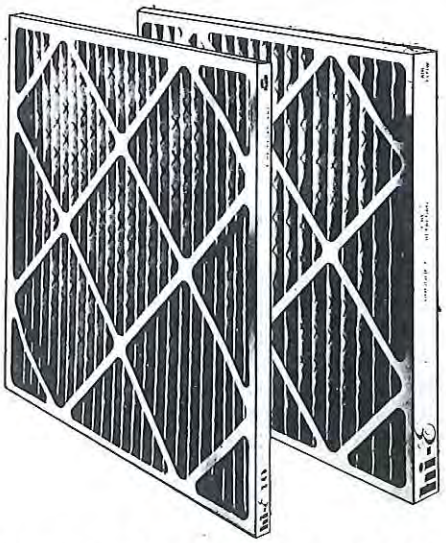


HEPA / ABSOLUTE FILTERS – MODEL 9F
High Efficiency Particulate Air filter designed for areas where maximum degree of cleanliness is required. Range of sizes and depths.

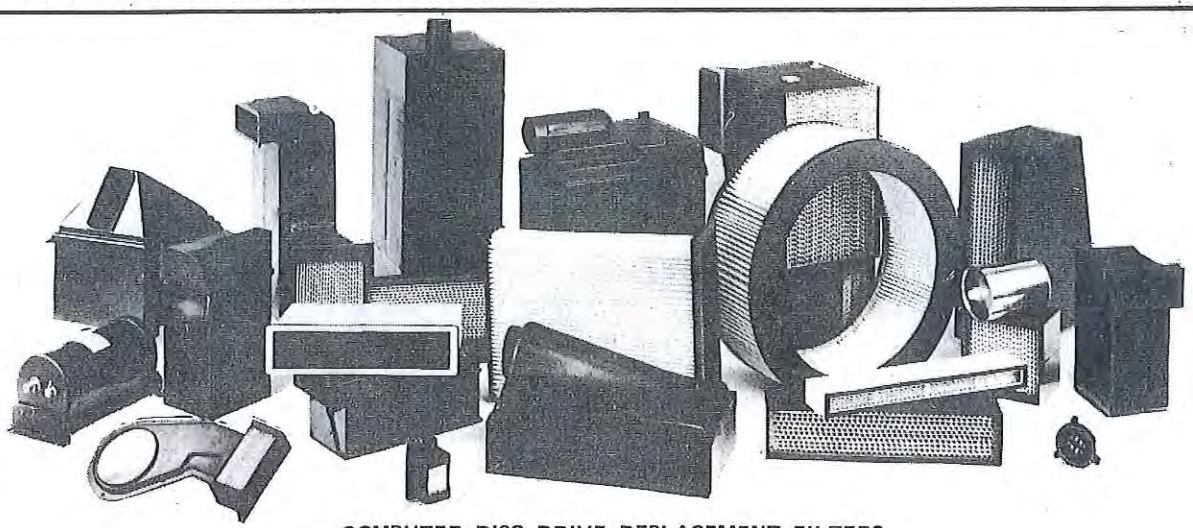


EXTENDED AREA (BAG TYPE) FILTERS
Extended area sewn type construction permits operating capacities from 470 to 1180 L/s (1000 to 2500 CFM).

INSTRUMENT FAN FILTERS
Injection moulded filter casing using a variety of filter media for use on miniature instrumentation cooling fans.



DISPOSABLE PLEATED MEDIA FILTERS
Medium and high efficiency types. Wide range of sizes in 50 and 100 mm depth.



COMPUTER DISC DRIVE REPLACEMENT FILTERS
A wide variety of types, sizes and shapes to suit every application

FOR ALL YOUR FILTER REQUIREMENTS – CONTACT ACTROL

Whatever your application, we can supply a filter to suit your specifications. Our manufacturing facilities are both modern and flexible. We invite your enquiries for any type of filter. Literature on all above types is available on application.

MIERSON

Electronic Air Cleaners

Clean air through . . . Electro-air®

At one time or another . . . Offices, bowling centres, bars, cocktail lounges, conference rooms and numerous other facilities have one thing in common : a mixture of smoke filled, stale air that causes people to become ill, their eyes to tear and induces a general feeling of discomfort.

The answer to this problem . . . An Electronic Air Cleaner manufactured by the Electro-Air Division of Emerson Electric, who, since 1954, have been refining the art of cleaning the air for offices, homes and factories.

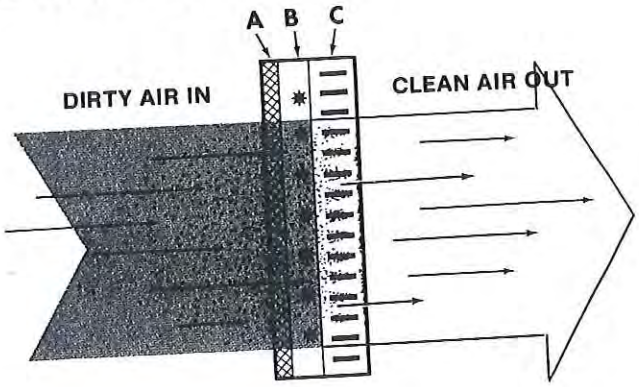
Electronic Air Cleaning is not a trick or gadget, but a time proven method of reducing the quantity of air-borne pollutants suspended in the air. Electronic Air Cleaners have been proven (by use of the U.S. National Bureau of Standards' Dust Spot Test) to be up to 9 times more efficient than standard air conditioning and heating filters.

HOW AN AIR CLEANER WORKS

Dirt laden air flowing first enters the pre-filter (A) where large particles (hair, lint, etc.) are trapped. Smaller particles (smoke, dust, pollen, etc.) pass through the pre-filter and enter the ionizing section (B). Here each tiny particle receives a positive electrical charge. These charged particles then enter the collecting section (C). This section consists of a series of aluminum plates. Alternate plates are positively charged.

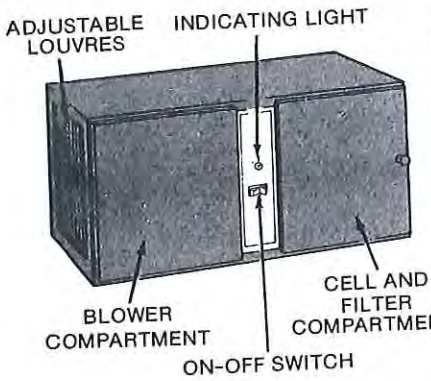
The positive charge of the particles causes them to be repelled by the positive plates and attracted to the negative plates where they are collected . . . just as a magnet attracts iron fillings.

Thus, only cleaned-filtered air is exhausted from the Air Cleaner.



FOR COMFORT . . . HEALTH . . . AND PROFIT

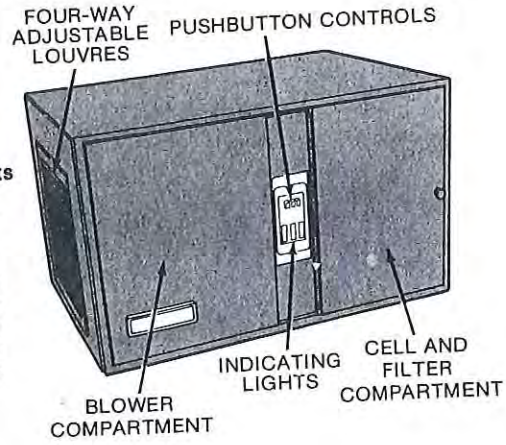
SC-500



- **Offices and Shops**
- **Cocktail Lounges**
- **Meeting Rooms**
- **Restaurants**
- **Other Commercial Establishments**

The SC-500 and SC-1000 Electronic Air Cleaners pictured in this literature have been designed for use in the applications listed above. Keep your employees happy and keep the customers coming back by establishing a better atmosphere in which they can work or relax.

SC-1000



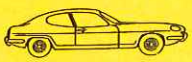
MODEL SC - 500	MODEL SC - 1000
CAT. NO.	CAT. NO.

SECTION 8 — "GOLD"

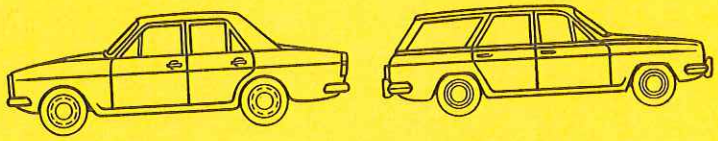
AUTOMOTIVE AIR CONDITIONING

INDEX









AUTOMOTIVE AIR CONDITIONING

SECTION 8 INDEX

ON REVERSE SIDE

INTRODUCTION
AUTOMOTIVE AIR CONDITIONING
PARTS — TOOLS — EQUIPMENT

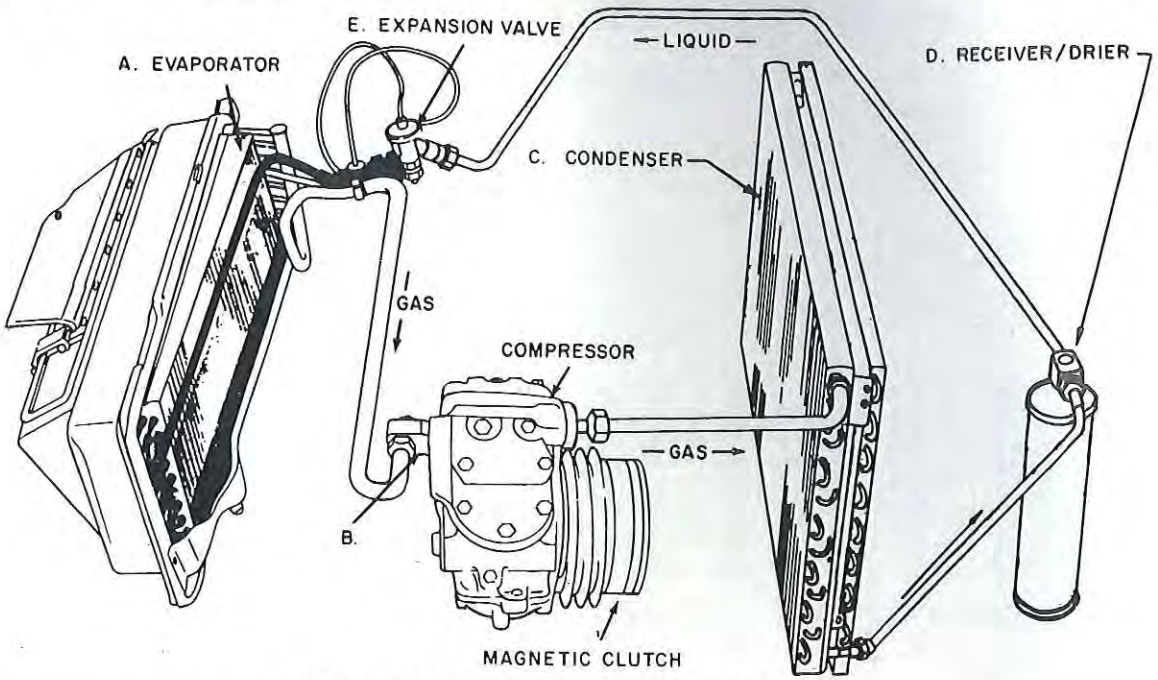
SYSTEM COMPONENTS

Automotive air conditioning system components are normally located under the hood (i.e. in the engine compartment) and in the passenger compartment under the dash board.

Most prominent of those in the engine compartment are the air conditioning refrigeration compressor, condenser coil, receiver-drier and related piping. An integral part of the compressor installation is the magnetic clutch which is driven by belt from the engine crankshaft pulley, and transmits power to the compressor whenever the air conditioning system is operated in the cooling cycle.

The condenser coil is located in front of the vehicle's radiator and because of the added cooling load the condenser coil imposes on the engine cooling system, it is normal and highly desirable to fit a larger or higher capacity radiator fan.

Inside the passenger compartment, generally mounted in a convenient position underneath the dash panel, is the evaporator unit which contains an air distribution fan (blower), evaporator coil, thermal expansion (TX) valve, air distribution ducts or grilles and related thermostat and controls. The evaporator unit also contains a condensate drain pan and tubing to carry away the moisture that condenses on the evaporator coil as the warm, moist air from inside (and/or outside) the vehicle passes through it during operation.



REFRIGERATION SYSTEM COMPONENTS (TYPICAL)

Note the schematic diagram of refrigeration components. The compressor (B) pumps heat-laden refrigerant from the evaporator (A). It compresses the refrigerant and sends it, under high pressure, to the condenser (C) as a superheated vapour. Since the high pressure vapour delivered to the condenser is much hotter than the surrounding air, it gives up its heat to the outside air flowing through the condenser fins.

As the refrigerant vapour gives up its heat, it changes to a liquid. The condensed liquid refrigerant is filtered, dried and temporarily stored, under pressure, in the receiver/drier (D) until it is needed by the evaporator.

Liquid refrigerant is metered from the receiver/drier into the evaporator by the thermostatic expansion valve (E), which controls the flow of refrigerant in this part of the system. The pressure of the refrigerant is lowered by the expansion valve and begins to boil, or change to a vapour. In so doing it must pick up heat from the warm air passing through the fins of the evaporator coil. This heat will be transmitted, via the compressor, to the condenser for dissipation and the complete cycle as described continues over and over whenever the unit is put into operation.

THE FOLLOWING PAGES DETAIL THE COMPONENTS, TOOLS AND EQUIPMENT REQUIRED FOR AUTOMOTIVE AIR CONDITIONING SYSTEMS

It is also recommended, that for a complete understanding on all aspects of automotive air conditioning, you should obtain a copy of the Imperial-Eastman "AUTOMOTIVE AIR CONDITIONING — SERVICE MANUAL", copies of which are available from all our Branches throughout Australia.

This Manual includes comprehensive Sections on :

Basic Theory
Description of Systems Components
Testing Equipment
Testing and Troubleshooting the Systems
Performance Testing and Specifications
Testing the System
Compressor and Clutch Servicing
Temperature Control Systems, etc.

CAT. NO. 327279

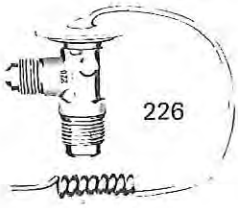
8

AUTOMOTIVE AIR CONDITIONING

Cool-Drive SINGER THERMOSTATIC EXPANSION VALVES

329 Block Valve

126/226



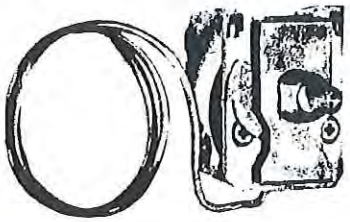
226

Expansion Valve

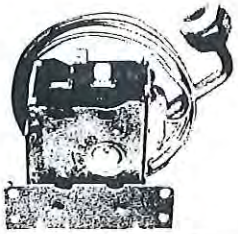
002-0330 1 tonne
002-0730 1½ tonne

MAKE	CAT. NO.	Manuf. P/N	Device No.	Capacity Tons	Super-heat Setting °F	Inlet Conn. ins.	Outlet Conn. ins.	Press. Limit psig	Capillary Length ins.	External Equaliser Connection ins.	Ext. Equal. Lgth. ins.
					INTERNALLY EQUALISED						
	8001	18077	126-196	1½	9	3/8 M. Fl.	½ M. Fl.	50	12"- 3/8 Coil		
	8002	18188	226-027	2	6	3/8 M. Fl.	½ M. Fl.	52	12"- 3/8 Coil		
	8003	18394	126-108	1½	7½	3/8 M. Fl.	½ M. Fl.	45	12"- 3/8 Coil		
		18607	126-261	1½	5	3/8 O-Ring	½ O-Ring	55	8"- 3/8 Coil		
					BLOCK VALVES						
	80010	18131	329-001	1½	8	3/8 O-Ring	½ O-Ring	50			
	8009	18619	329-002	1½	5	3/8 O-Ring	½ O-Ring	50			
	8008	18620	329-003	2	8	3/8 O-Ring	½ O-Ring	50			
		18621	329-005	2	8	3/8 O-Ring	½ O-Ring	50			
		18618	329-701	1½	8	3/8 O-Ring	½ O-Ring	50			
					EXTERNALLY EQUALISED						
		18487	126-163	2	7	3/8 M. Fl.	½ M. Fl.	45	12"- 3/8 Coil	¼ Fl. Nut	16"
		18685	126-172	2	6	3/8 M.O-Ring	½ M.O-Ring	50	8"- ½ Tube	¼ O-Ring Nut F.	
		18688	126-124	1½	7	3/8 M. Fl.	½ M. Fl.	55	18"- 3/8 Coil	¼ Fl. Nut	
		18558	126-218	2	7	3/8 M.O-Ring	½ M.O-Ring	45	12"- 3/8 Coil	¼ O-Ring Nut	
	8004	18262	226-205	1½	10	3/8 M. Fl.	½ M. Fl.	60	7"- 3/8 Coil	¼ Fl. Nut	8.4"
		18524	226-210	1½	8	¼ M. Fl.	½ M. Fl.	45	12"- 3/8 Coil	¼ Fl. Nut	24"
		18558	226-218	1½	8	3/8 M. Fl.	½ M. Fl.	—	12"- 3/8 Tube	¼ Fl. Nut	12"
			226-271	1½	7	3/8 M. Fl.	½ M. Fl.	50	8"- 3/8 Coil	¼ Fl. Nut	8"
	8007	18135	226-288	1½	7	3/8 M.O-Ring	½ M.O-Ring	55	13"- 3/8 Coil	¼ O-Ring Nut	13"
	8005	18132	226-290	1½	5	3/8 M.O-Ring	½ M.O-Ring	65	15.5"	¼ O-Rg. Nut F.	9.5"
		18485	226-351 Tin Pltd.	2	13.6	3/8 M.O-Ring	½ M.O-Ring	65	11.75" Flat Tube	¼ O-Rg. Nut M.	14.36"
		18522	226-365	2	7.5	3/8 M.O-Ring	½ M.O-Ring	65	"	¼ O-Rg. Nut M.	14.36"
	80015		540	2		Suction Throttling Valve — Ext. Equal. — Setting Range 28 - 32 psig.					
COOL-DRIVE	80013	002-0330		1		Internally Equalised					
	80014	002-0730		1½		Internally Equalised					
		18499				OE Block Valve — Ford					

Cool-Drive HI-LINE THERMOSTATS



HI-LINE PRESSURE SWITCHES



CAT. NO.	MFG. P/N	DESCRIPTION
		THERMOSTATS
	003-0180	COOL-DRIVE. 12" Cool-Drive III — Supreme — GX2
	003-0280	COOL-DRIVE. Cabmaster Old Type (Air Flow)
	003-0404	COOL-DRIVE. Cabmaster New Type (In Coil)
	003-0401	COOL-DRIVE. Ford OE and Repco
8028	13-2201	Temperature Setting: —3.3°C (26°F) Cut-Out. 1.7°C (35°F) Cut-In. 18" Capillary
8029	13-2205	Temperature Setting: —3.3°C (26°F) Cut-Out. 1.7°C (35°F) Cut-In. 42" Capillary
		PRESSURE SWITCHES
8021	12-2120	COMPRESSOR HIGH PRESSURE CUT-OUT SWITCH, with 36" long capillary tube, ¼" female flare connection mounting bracket. Disengages clutch at 300 psi and engages clutch at 265 psi.
8022	12-2155	COMPRESSOR HIGH PRESSURE CUT-OUT SWITCH, ¼" female flare connection, mounts on compressor. Disengages clutch at 300 psi and engages clutch at 265 psi.

AUTOMOTIVE AIR CONDITIONING

Cool-Drive SINGER RECEIVER-DRIERS




CAT. NO.	Part No.	Device No.	Outside Diameter ins.	Height ins.	Inlet ins.	Outlet ins.	Capacity cu. ins.	COMMENTS
8036	18261	412-012	2.75	10	3/8 M. O-Ring	3/8 M. O-Ring	7	HPRV (Chrysler Replac.)
8037	18263	412-013	2.75	10	3/8 M. Fl.	3/8 M. Fl.	4	Fuse Plug, Bracket
8038	18265	412-014	2.75	7	3/8 Barb	3/8 F. O-Ring	3	Bracket (GMH Replac.)
	18247	412-023	2.75	10.11	3/8 M. Fl.	3/8 Barb	4	Fuse Plug
8034	18366	412-024	2.75	7	3/8 M. Fl.	3/8 M. Fl.	2	HPRV
	18463	412-043	2.75	10.5	3/8 M. O-Ring	3/8 M. O-Ring	3.5	HPRV, LPCO
8035	18374	412-054	2.75	9.875	3/8 M. Fl.	3/8 M. Fl.	4	
80326	18460	412-082	2.75	9.86	3/8 M. O-Ring	3/8 M. O-Ring	4	Bracket (Replac. XC Ford)
	18462	412-084	3.0	6.14	3/8 M. Fl.	3/8 M. Fl.	2	Fuse Plug
	18468	412-085	3.0	5.74	3/8 M. O-Ring	3/8 M. O-Ring	6	Fuse Plug
	18623	412-088	2.75	10.3	3/8 M. O-Ring	3/8 M. O-Ring	2.8	HPRV, Plug on top, Sight Glass on side
80327	18458	412-104	3.0	6.31	3/8 M. Fl.	3/8 M. Fl.	2	With LPCO, LH Inlet on Outlet side
80328	18504	412-106	2.75	9.86	3/8 M. O-Ring	3/8 M. O-Ring	4	Bracket, Fuse Plug (Replac. XD Ford)
	18597	412-138	2.75	9.86	3/8 M. O-Ring	3/8 M. O-Ring	4	Bracket, Fuse Plug
	18656	412-116	3.0	6.14	3/8 M. O-Ring	3/8 M. O-Ring	4	Dill valve, LH inlet, Fuse Plug
	18675	412-097	3.0	6.0	3/8 M. O-Ring	3/8 M. O-Ring	2	Fuse Plug
80329	51110		2.5	7.6	3/8 Barb	3/8 Barb		Universal Barb x Barb
80330	51210		2.5	7.6	3/8 M. Fl.	3/8 Barb		Universal Fl. x Barb
80331	52210		3.0	6.0	3/8 M. Fl.	3/8 Barb		Heavy Duty Universal
80332	51220		2.5	7.6	3/8 Barb	3/8 Barb		
80328	18504		2.75	10.5	3/8 M. O-Ring	3/8 M. O-Ring		Bracket, Replac. XD Ford
	18638	460-077	2.5	7.6	3/8 M. O-Ring	3/8 M. O-Ring	2	Dill valve, Fuse Plug
	18639	460-098	2.5	7.6	3/8 M. O-Ring	3/8 M. O-Ring	2	2 Dill Valves
80325	18500	460-020	2.5	7.6	3/8 M. O-Ring	3/8 M. O-Ring	2	(Replac. P & A Commodore)
	18505	460-047	2.5	7.6	3/8 M. Fl.	3/8 M. Fl.	2	With ¼ SAE Pipe Connection LH inlet Fuse Plug RH Inlet
	18523	460-061	2.5	7.6	3/8 M. Fl.	3/8 M. Fl.	2	HPCO (285-215 psi) LH Inlet, Fuse Plug RH Inlet
	18535	460-066	2.5	7.6	3/8 M. Fl.	3/8 M. Fl.	2	Dill Valve LH Inlet
	18540	460-069	2.5	7.6	3/8 M. Fl.	3/8 M. Fl.	2	2 Dill Valves
	18604	460-089	2.5	7.6	3/8 M. O-Ring	3/8 M. O-Ring	6	Fuse Plug plus Female Screw Take Off
	18624	460-092	2.5	7.6	3/8 M. O-Ring	3/8 M. O-Ring	2	HPRV (Left side of Inlet)
8032	18351	460-501	2.5	7.6	3/8 M. Fl.	3/8 M. Fl.	2	
8033	18354	460-502	2.5	7.6	3/8 Barb	3/8 Barb	2	
	18402	460-505	2.5	7.6	3/8 M. Fl.	3/8 Barb	4	Fuse Plug
	18402	460-516	2.5	7.6	3/8 M. Fl.	3/8 Barb	2	Fuse Plug
8031	18401	460-517	2.5	7.6	3/8 M. Fl.	3/8 Barb	2	
	18601	460-546	2.5	6.1	3/8 M. Fl.	3/8 M. Fl.	2	Fuse Plug
	18631	401-003	4.0	6.18	3/8 F. O-Ring	3/8 M. O-Ring	9	Fuse Plug
	18610	401-011	4.0	7.88	3/8 F. O-Ring	3/8 M. O-Ring	10	2 Sight Glasses on side

All Filter Receiver-Driers contain Molecular Sieve Dessicant

LPCO = Low Pressure Cut-Out HPCO = High Pressure Cut-Out HPRV = High Pressure Relief Valve