

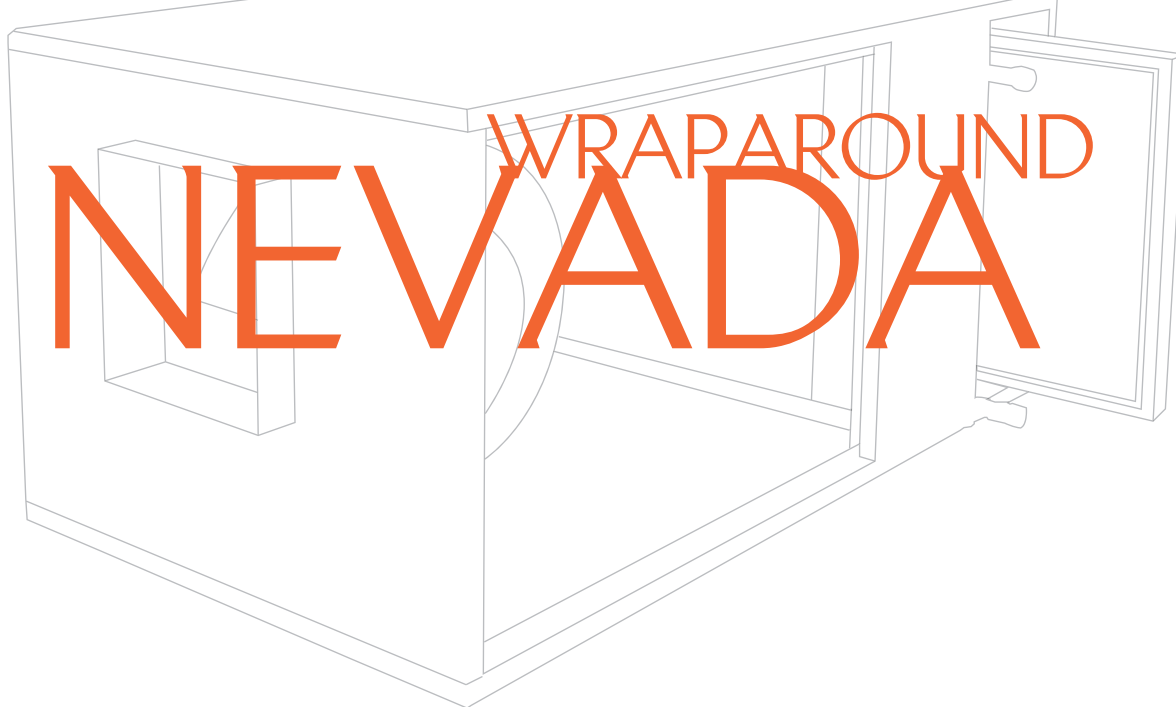


APRIL 2010 - MARCH 2011



# NEVADA AIR HANDLING UNITS

Selection & Price List



The NEVADA range of direct drive air handling units provide two types of framework construction, either 'Wraparound' or 'Pentapost' to form a rigid construction for the unit and its components.

Each type of unit is suitable for either internal or external mounting dependant upon application, with a selection of six standard models and a duty range of up to 1.4 m<sup>3</sup>/sec.

Each NEVADA unit comprises a direct driven centrifugal fan, a pleated panel filter and a L.P.H.W. Coil or Electric Heater Battery as standard components.



## NEVADA 'WRAPAROUND' Internal Mounted Direct Drive Air Handling Unit

# NEVADA PENTAPOST

NEVADA 'PENTAPOST' Internal Mounted Direct Drive Air Handling Unit



NEVADA units can be enhanced through a wide variety of optional equipment to cater for customer applications, including volume control dampers, silencers, manometers, heater control panels, speed regulators, pressure differential switches, washable filters and many more.

# NEVADA Direct Drive Air Handling Unit

## FEATURES & BENEFITS



### WRAPAROUND

- Excellent performance characteristics with Air volumes of up to 1.4 m<sup>3</sup>/sec.
- A quality construction air handling unit, competitively priced, providing value and reliability.
- Standard components include forward curved double inlet fans, electric or hot water heaters and panel filters.
- Flexibility in design with internal or external mounting units and a comprehensive range of accessories.
- Slide rails allow ease of installation and regular maintenance of standard components
- Single Unlined, Lined and Double skinned casings to meet required noise criteria.
- Standard NEVADA 'Wraparound' units are available on a 48 Hr working day despatch.<sup>°</sup>
- Flexibility in performance with fully speed controllable fans.
- A wide range of electric heater outputs are available.
- Matching silencers are available to fit onto the outlet of the unit via a discharge spacer.
- Fan, filter and heater all within one casing, therefore easier to install.

<sup>°</sup> N.B. 48 Hr Despatch does not apply to Weatherproof or Non Standard Sizes

### PENTAPOST

- Excellent performance characteristics with Air volumes of up to 1.4 m<sup>3</sup>/sec.
- Rigid aluminium framework with purpose built corners for strength and style.
- Standard components include forward curved single and double inlet fans, electric or hot water heaters and panel filters.
- Flexibility in design with internal or external mounting units and a comprehensive range of accessories.
- Slide rails allow ease of installation and regular maintenance of standard components. Top, bottom or side access for ease of maintenance.
- A cost effective, fast build alternative to welded steel frame air handling units.
- Fan, filter and heater all within one casing, therefore easier to install.
- A flexible modular construction providing an easier on site build option.
- Double skinned panels with smooth, clean lined outer skins for an attractive, quality appearance and finish.
- A framing structure which enables versatility in design by providing hanging, stacking or joining configurations.
- Units can be supplied with various heat recovery options to reduce energy consumption.
- Units are acoustically and thermally lined.
- Matching silencers are available to fit onto the inlet or outlet of the unit via a spacer section.
- All units can be supplied as Flat-Pac form when access to plant room or site location is limited.

# NEVADA Direct Drive Air Handling Unit PERFORMANCE & ELECTRICAL DATA

## Fan, Filter & Electric Heater Battery

Model	Speed r/min	Air Volume m <sup>3</sup> /sec @ Static Pressure Pa										Motor Rating		
		0	50	100	150	200	250	300	400	500	600	FL Amps	SC Amps	Output kW
NWE 10 & NPE 10	1330	0.33	0.31	0.28	0.23							1.09	2.70	0.150
NWE 20 & NPE 20	1120	0.56	0.50	0.44	0.37	0.28	0.13					3.20	8.00	0.373
NWE 30 & NPE 30	1280	-	-	-	0.71	0.66	0.60	0.52				4.80	12.0	0.373
NWE 40 & NPE 40	1190	1.09	1.04	0.98	0.92	0.85	0.77	0.65				6.30	15.8	0.55
NWE 50 & NPE 50	1210	-	-	-	-	-	1.00	0.96	0.75	0.30		5.90	14.8	0.55
NWE 60 & NPE 60	900	1.54	1.44	1.33	1.21	1.06	0.81					8.10	20.3	0.736

N.B. High Temperature Cut Out and Airflow Switch fitted as standard

## Fan, Filter & L.P.H.W. Heater Battery

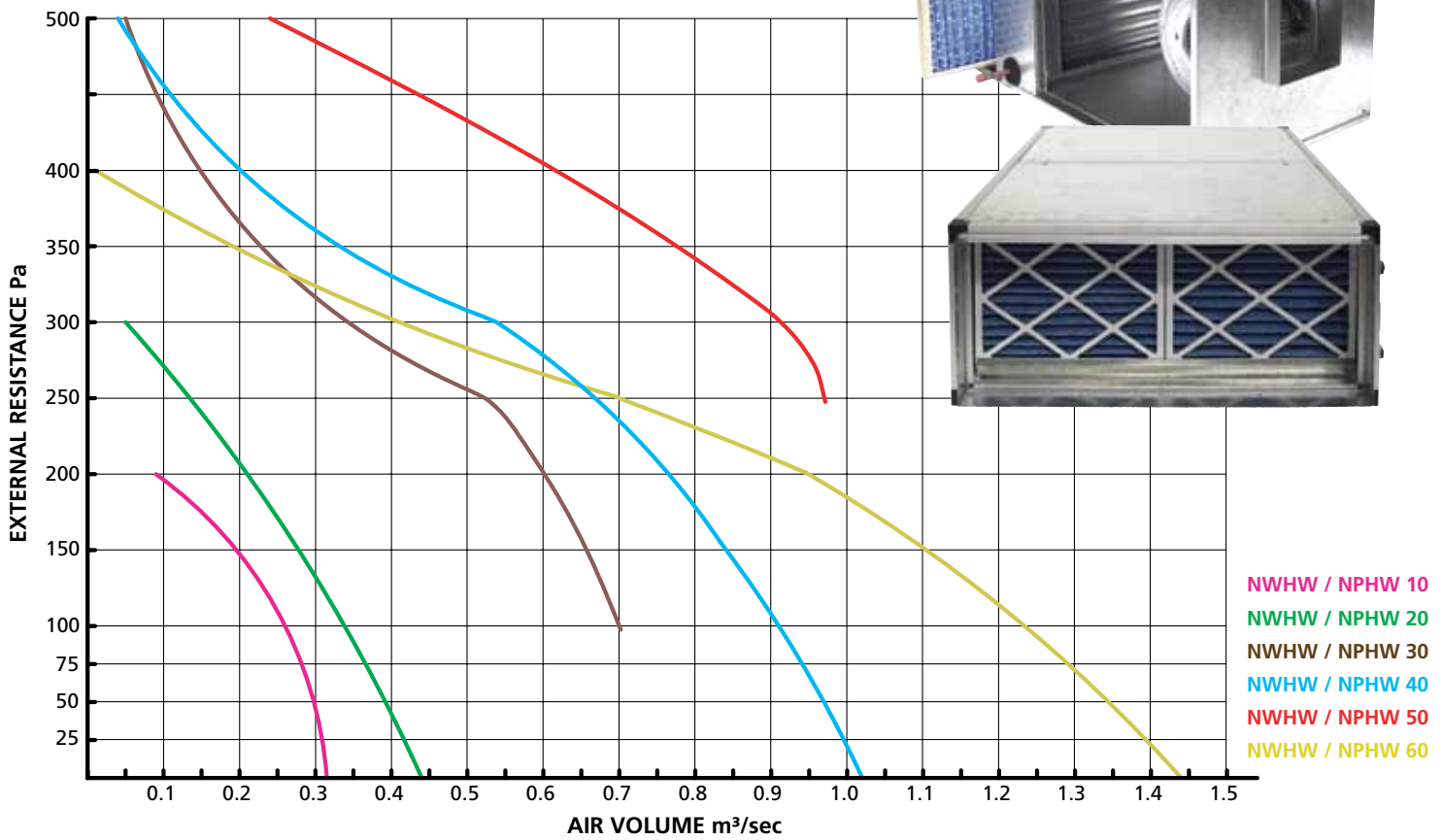
Model	Speed r/min	Air Volume m <sup>3</sup> /sec @ Static Pressure Pa										Motor Rating		
		0	50	100	150	200	250	300	400	500	600	FL Amps	SC Amps	Output kW
NWHW 10 & NPHW 10	1330	0.31	0.28	0.26	0.21	0.09						1.09	2.70	0.150
NWHW 20 & NPHW 20	1120	0.44	0.39	0.34	0.28	0.21	0.12					3.20	8.00	0.373
NWHW 30 & NPHW 30	1280	-	-	0.70	0.65	0.60	0.53	0.42	0.15			4.80	12.0	0.373
NWHW 40 & NPHW 40	1190	1.02	0.97	0.90	0.84	0.76	0.67	0.54	0.20			6.30	15.8	0.55
NWHW 50 & NPHW 50	1210	-	-	-	-	-	0.97	0.92	0.60	0.24		5.90	14.8	0.55
NWHW 60 & NPHW 60	900	1.44	1.34	1.23	1.11	0.95	0.70	0.42				8.10	20.3	0.736

## Fan Outlet Sound Power Levels

Model	Octave band centre frequencies Hz							
	63	125	250	500	1K	2K	4K	8K
NW 10 & NP 10	71	73	72	72	74	76	72	68
NW 20 & NP 20	71	72	70	70	73	72	68	64
NW 30 & NP 30	70	74	70	72	73	71	70	65
NW 40 & NP 40	71	75	72	74	75	73	71	65
NW 50 & NP 50	76	78	75	76	77	74	73	67
NW 60 & NP 60	79	80	76	79	80	78	76	74

# NEVADA Direct Drive Air Handling Unit PERFORMANCE CURVES

## Fan, Filter & L.P.H.W. Heater Battery



Performance curves are based upon a 'clean filter' condition, therefore, an additional 80Pa should be added to the external pressure of the unit for unit selection at a 'mean dirty' condition



**FAN**



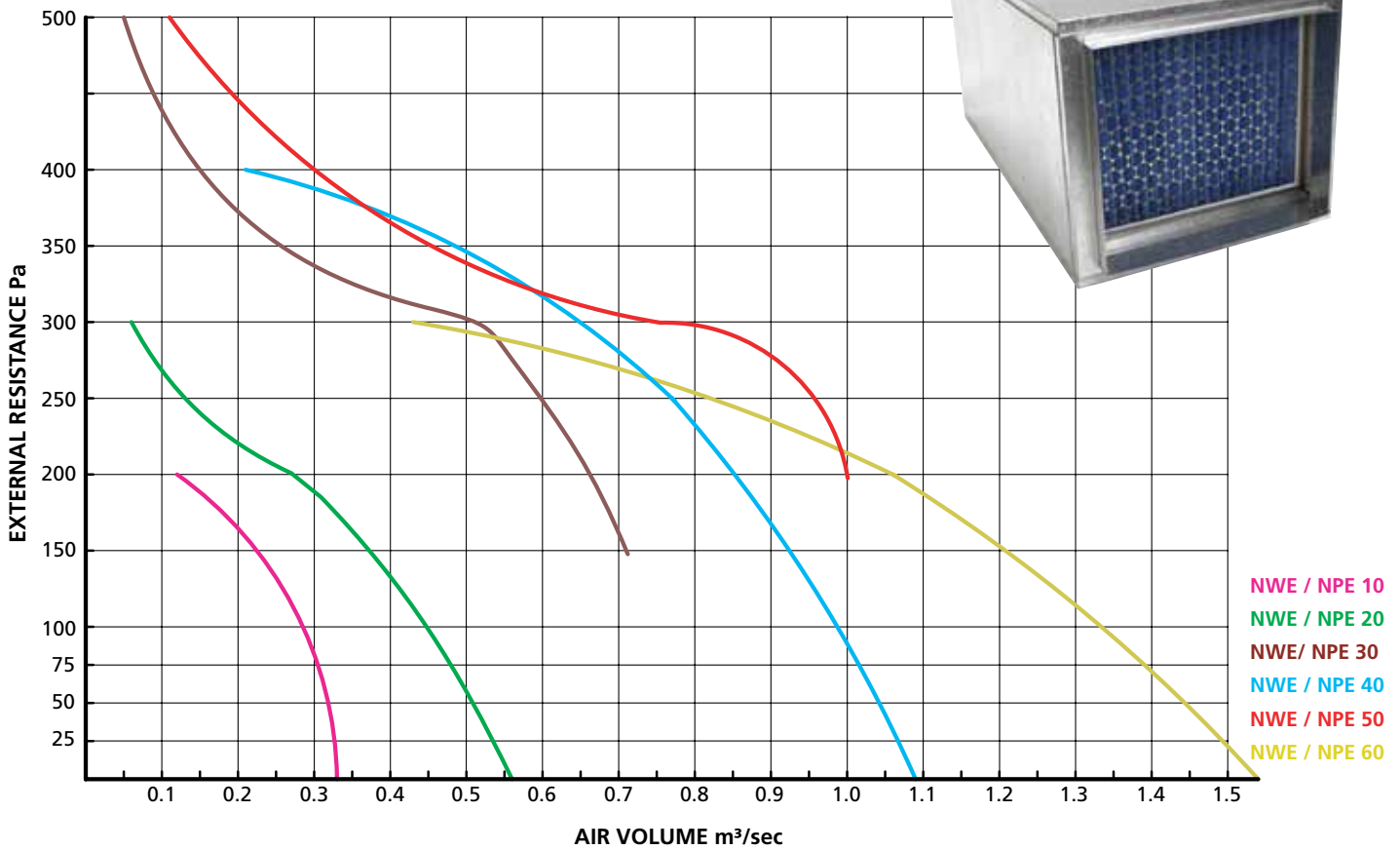
**FILTER**



**L.P.H.W.**

# NEVADA Direct Drive Air Handling Unit PERFORMANCE CURVES

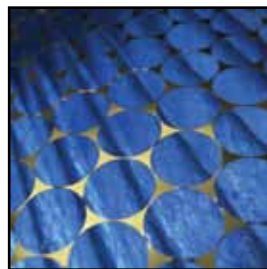
## Fan, Filter & Electric Heater Battery



Performance curves are based upon a 'clean filter' condition, therefore, an additional 80Pa should be added to the external pressure of the unit for unit selection at a 'mean dirty' condition



**FAN**



**FILTER**



**E.H.B.**

# NEVADA Direct Drive Air Handling Unit

## ELECTRIC HEATER BATTERY DATA

### STANDARD ELECTRIC HEATER BATTERIES

You can calculate the Heater Battery Size using the following formula:

$$P = Q \times \rho \times \Delta t$$

Where:

P = Heater Output (kW)

Q = Volume Flow Rate (m<sup>3</sup>/sec)

$\rho$  = Air Density (kg/m<sup>3</sup>)

$\Delta t$  = Temperature Rise (°C)

Model	Air Voume m <sup>3</sup> /sec	kW Rating	Single Phase Supply Steps				Three Phase Supply Steps		
			1	2	3	4	1	2	3
NWE 10 & NPE 10	All	3.00	✓	✓	✓	✓			
NWE 10 & NPE 10	All	4.50	✓	✓	✓				
NWE 10 & NPE 10	All	6.00	✓	✓	✓				
NWE 10 & NPE 10	All	7.50	✓	✓	✓				
NWE 10 & NPE 10	0.28+	9.00	✓	✓	✓	✓			
NWE 10 & NPE 10	0.31+	10.00	✓	✓		✓			
NWE 10 & NPE 10	0.33+	11.25	✓		✓				
NWE 20 & NPE 20	All	3.00	✓	✓	✓	✓			
NWE 20 & NPE 20	0.2+	4.50	✓	✓	✓				
NWE 20 & NPE 20	0.28+	6.00	✓	✓	✓	✓			
NWE 20 & NPE 20	0.28+	7.50	✓	✓	✓				
NWE 20 & NPE 20	0.28+	9.00	✓	✓	✓	✓			
NWE 20 & NPE 20	0.37+	12.00	✓	✓	✓	✓	✓		
NWE 20 & NPE 20	0.44+	13.50					✓		✓
NWE 20 & NPE 20	0.5+	18.00					✓	✓	
NWE 30 & NPE 30	All	9.00	✓	✓	✓	✓	✓	✓	
NWE 30 & NPE 30	All	12.00	✓	✓	✓	✓			
NWE 30 & NPE 30	All	15.00					✓	✓	
NWE 30 & NPE 30	All	18.00					✓	✓	
NWE 30 & NPE 30	0.6+	22.50					✓		
NWE 30 & NPE 30	0.66+	27.00					✓	✓	✓
NWE 40 & NPE 40	All	9.00	✓	✓	✓	✓			
NWE 40 & NPE 40	All	12.00	✓	✓	✓	✓	✓	✓	
NWE 40 & NPE 40	All	15.00					✓	✓	
NWE 40 & NPE 40	All	18.00					✓	✓	✓
NWE 40 & NPE 40	All	24.00					✓	✓	
NWE 40 & NPE 40	0.85+	30.00					✓	✓	
NWE 40 & NPE 40	0.98+	36.00					✓	✓	✓
NWE 50 & NPE 50	0.75+	12.00	✓	✓	✓	✓	✓	✓	
NWE 50 & NPE 50	0.75+	15.00					✓	✓	
NWE 50 & NPE 50	0.75+	18.00					✓	✓	✓
NWE 50 & NPE 50	0.75+	24.00					✓	✓	
NWE 50 & NPE 50	0.8+	30.00					✓	✓	
NWE 50 & NPE 50	0.98+	36.00					✓	✓	✓
NWE 60 & NPE 60	All	12.00	✓	✓	✓	✓	✓	✓	
NWE 60 & NPE 60	All	15.00					✓	✓	
NWE 60 & NPE 60	All	18.00					✓	✓	✓
NWE 60 & NPE 60	All	24.00					✓	✓	
NWE 60 & NPE 60	0.81+	30.00					✓	✓	
NWE 60 & NPE 60	1.06+	36.00					✓	✓	✓
NWE 60 & NPE 60	1.33+	45.00					✓	✓	✓
NWE 60 & NPE 60	1.33+	54.00					✓	✓	✓

N.B. Please enquire for duty and steps not shown

# NEVADA Direct Drive Air Handling Unit

## LOW PRESSURE HOT WATER DATA

### LOW PRESSURE HOT WATER HEATER

(82°C Flow/71°C Return)

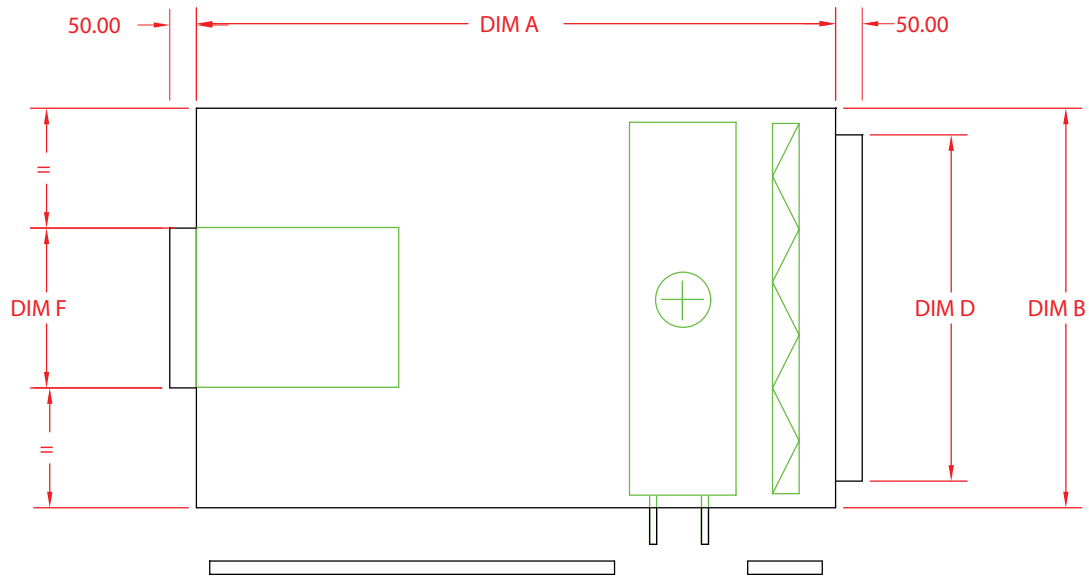
Model	Ext Pa	Airflow m <sup>3</sup> /sec	Airside		Waterside	
			kW	ΔT (deg C)	F/R(l/s)	Pd(kPa)
NWHW 10 & NPHW 10	200	0.09	5.21	48.0	0.114	5.0
NWHW 10 & NPHW 10	150	0.21	7.86	31.0	0.171	8.0
NWHW 10 & NPHW 10	100	0.26	8.64	27.5	0.188	9.0
NWHW 10 & NPHW 10	50	0.28	8.96	26.5	0.195	10.0
NWHW 20 & NPHW 20*	250	0.12	-	-	-	-
NWHW 20 & NPHW 20	200	0.21	10.65	42.0	0.232	4.0
NWHW 20 & NPHW 20	150	0.28	12.17	36.0	0.265	5.0
NWHW 20 & NPHW 20	100	0.34	13.35	32.5	0.291	5.0
NWHW 20 & NPHW 20	50	0.39	14.13	30.0	0.308	5.0
NWHW 30 & NPHW 30*	400	0.15	-	-	-	-
NWHW 30 & NPHW 30	300	0.42	18.77	37.0	0.409	3.0
NWHW 30 & NPHW 30	250	0.53	20.81	32.5	0.453	4.0
NWHW 30 & NPHW 30	200	0.60	22.47	31.0	0.489	4.0
NWHW 30 & NPHW 30	150	0.65	23.17	29.5	0.505	4.0
NWHW 30 & NPHW 30	100	0.70	23.68	28.0	0.516	4.0
NWHW 40 & NPHW 40*	400	0.20	-	-	-	-
NWHW 40 & NPHW 40	300	0.54	22.83	35.0	0.497	3.0
NWHW 40 & NPHW 40	250	0.67	25.50	31.5	0.555	3.0
NWHW 40 & NPHW 40	200	0.76	26.63	29.0	0.580	4.0
NWHW 40 & NPHW 40	150	0.84	27.91	27.5	0.608	4.0
NWHW 40 & NPHW 40	100	0.90	28.82	26.5	0.628	4.0
NWHW 40 & NPHW 40	50	0.97	29.89	25.5	0.651	4.0
NWHW 50 & NPHW 50*	600	-	-	-	-	-
NWHW 50 & NPHW 50*	500	0.24	-	-	-	-
NWHW 50 & NPHW 50	400	0.60	28.62	39.5	0.623	4.0
NWHW 50 & NPHW 50	300	0.92	35.01	31.5	0.762	5.0
NWHW 50 & NPHW 50	250	0.97	35.74	30.5	0.778	5.0
NWHW 60 & NPHW 60*	300	0.42	-	-	-	-
NWHW 60 & NPHW 60	250	0.70	36.77	43.5	0.801	6.0
NWHW 60 & NPHW 60	200	0.95	43.03	37.5	0.937	7.0
NWHW 60 & NPHW 60	150	1.11	45.59	34.0	0.993	7.0
NWHW 60 & NPHW 60	100	1.23	48.29	32.5	1.052	8.0
NWHW 60 & NPHW 60	50	1.34	50.18	31.0	1.093	9.0

\* Heating duties available on application.

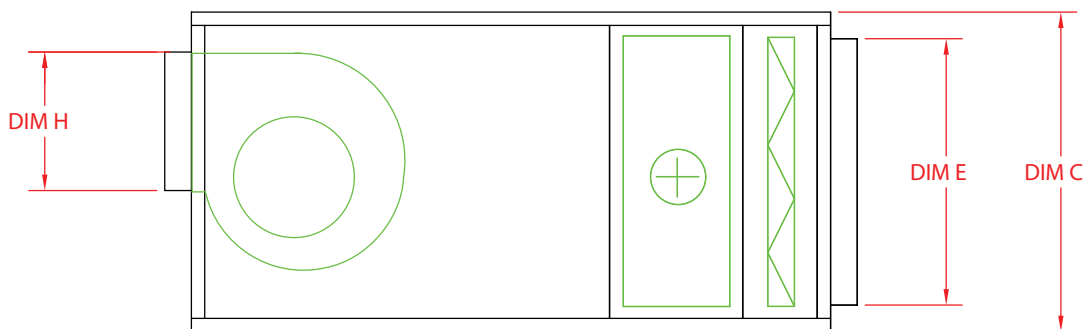
Heating duties for 0Pa selections also available.

Water flow rates must be maintained between min and max values shown for each unit size.

# NEVADA 'WRAPAROUND' Direct Drive Air Handling Unit DIMENSIONS



**Plan**



**Side Elevation**

Left Hand Unit shown, Right Hand Unit opposite

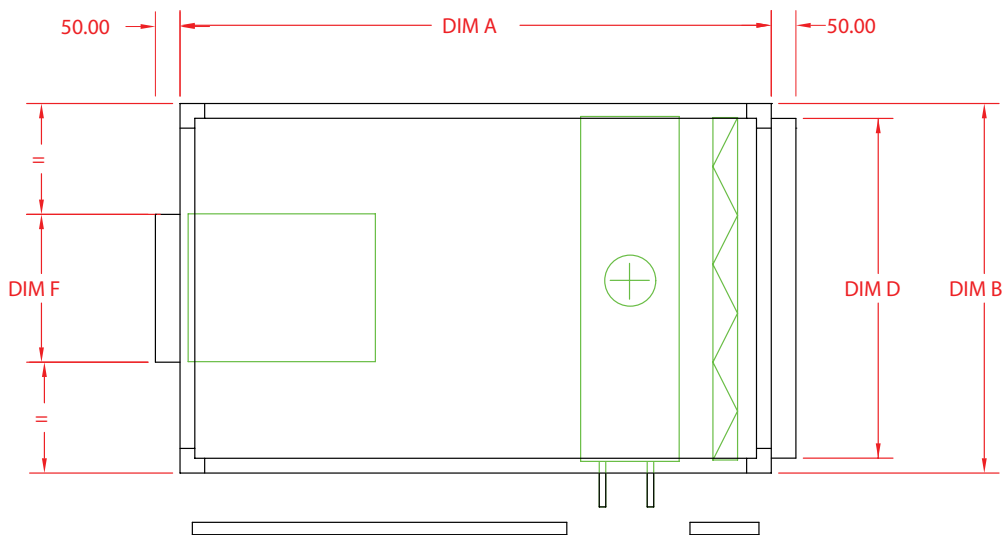
Model	A	B	C	D	E	F	G	Weight kg*	
								L.P.H.W	E.H.B
NW 10	1000	550	350	450	250	225	125	70	68
NW 20	1100	675	420	575	320	275	210	85	82
NW 30	1200	675	600	575	500	235	260	115	116
NW 40	1200	750	600	650	500	300	260	130	138
NW 50	1250	820	600	720	500	325	285	160	170
NW 60	1400	960	660	850	560	315	345	175	190

N.B. All Dimensions in mm. Lengths exclude unit intake and discharge spigots.

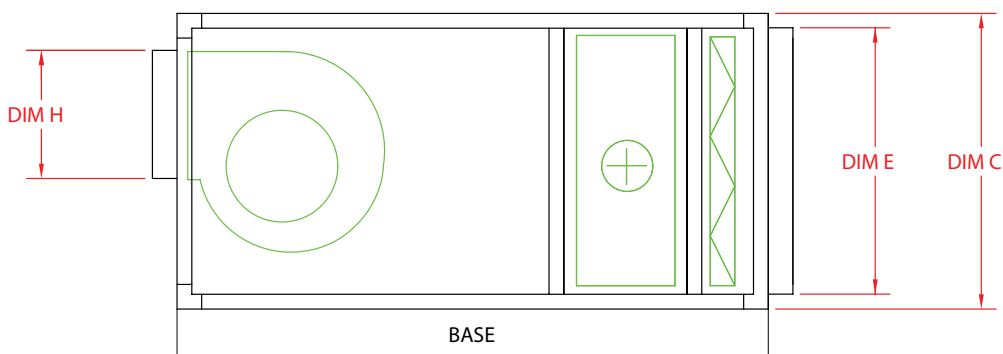
\*Specifies Weight with L.P.H.W or Electric Heater Battery component.

# NEVADA 'PENTAPOST' Direct Drive Air Handling Unit

## DIMENSIONS



**Plan**



**Side Elevation**

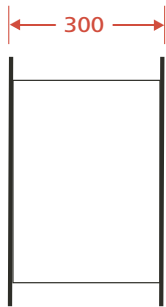
Left Hand Unit shown, Right Hand Unit opposite  
Top / Bottom access available on request

Model	A	B	C	D	E	F	G	Weight kg*	
								L.P.H.W	E.H.B
NP 10	1000	550	360	490	300	225	125	69	67
NP 20	1100	675	430	615	370	275	210	85	82
NP 30	1200	675	610	615	550	235	260	115	116
NP 40	1200	750	610	690	550	300	260	130	138
NP 50	1250	820	610	760	550	325	285	162	172
NP 60	1400	950	670	890	610	315	345	176	191

\* N.B Specifies weight with L.P.H.W or Electric Heater Battery component.

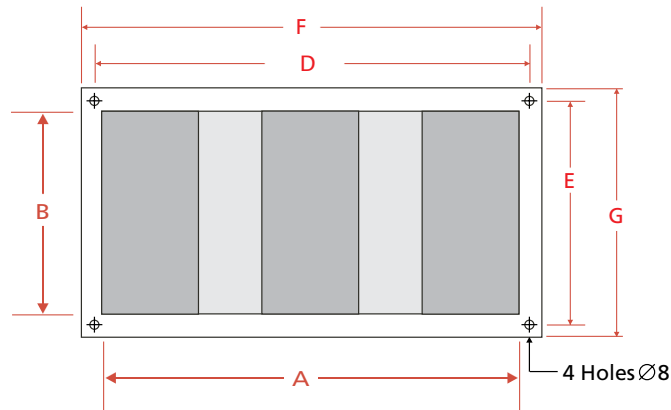
# NEVADA Direct Drive Air Handling Unit

## SILENCER DIMENSIONS / PERFORMANCE



Discharge Spacer  
for fitting between  
unit discharge and  
silencer.

All dimensions as  
per silencer.



### CONSTRUCTION

1.0mm Galvanised sheet steel casing.

25mm Ductmate flanges.

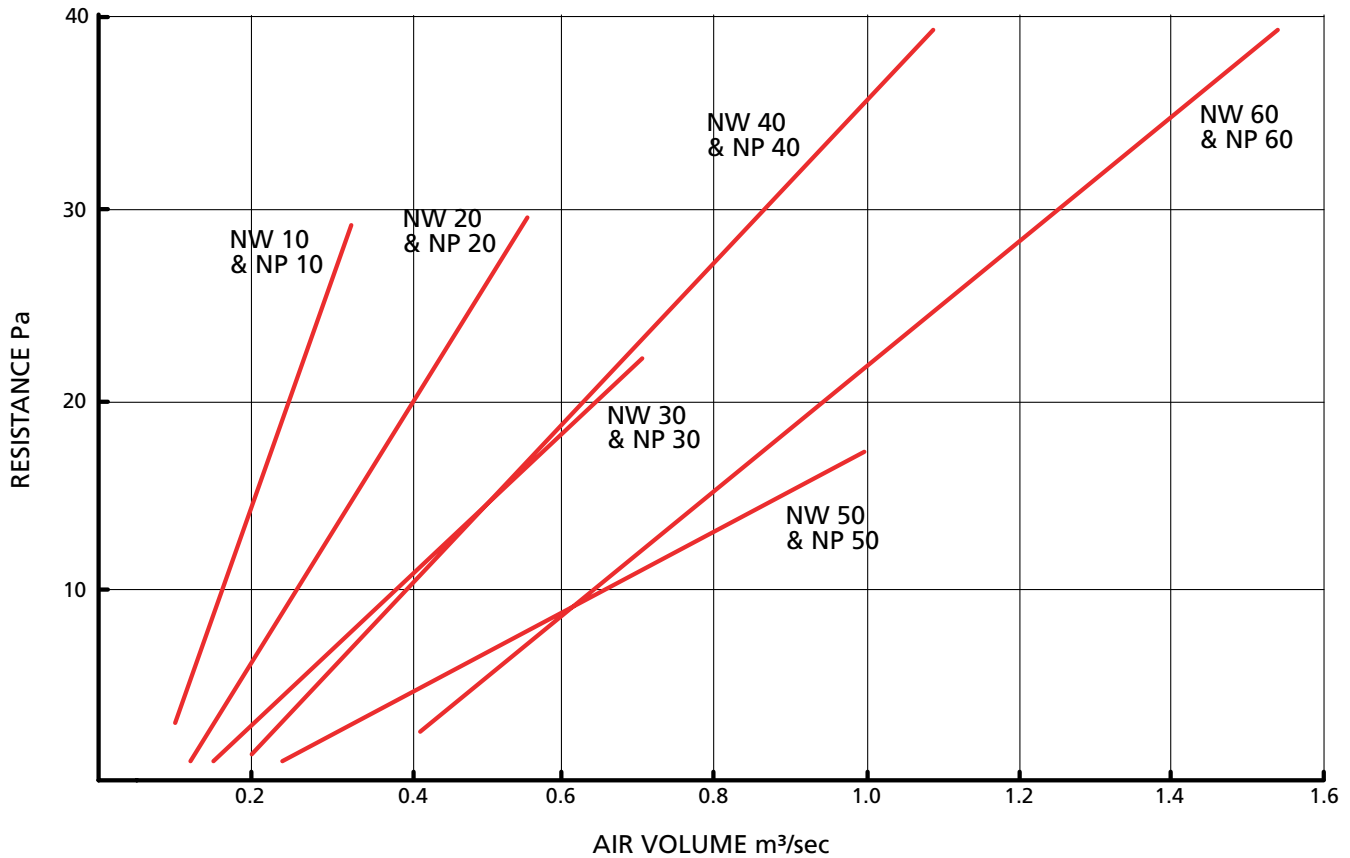
Infill mineral wool with scrim facing expanded mesh retainer.

Model	Code	A	B	Length	D	E	F	G	Airways	Silencer Weight kg	Spacer Section kg
NW 10 & NP 10	NWS-0600A	450	250	600	470	270	500	300	1	13	6
	NWS-0900A			900						19	
	NWS-1200A			1200						24	
NW 20 & NP 20	NWS-0600B	575	320	600	595	340	625	370	2	18	7
	NWS-0900B			900						25	
	NWS-1200B			1200						33	
NW 30 & NP 30	NWS-0600C	575	500	600	595	520	625	550	2	24	8
	NWS-0900C			900						34	
	NWS-1200C			1200						45	
NW 40 & NP 40	NWS-0600D	650	500	600	670	520	700	550	2	26	9
	NWS-0900D			900						38	
	NWS-1200D			1200						49	
NW 50 & NP 50	NWS-0600E	720	500	600	740	520	770	550	2	27	10
	NWS-0900E			900						39	
	NWS-1200E			1200						50	
NW 60 & NP 60	NWS-0600F	850	560	600	870	580	900	610	3	35	11
	NWS-0900F			900						50	
	NWS-1200F			1200						64	

### Static Insertion Loss For Silencers

Model	Code	Octave Band Centre Frequencies Hz							
		63	125	250	500	1000	2000	4000	8000
NW 10 & NP 10	NWS-0600A	-2	-5	-8	-12	-15	-15	-11	-11
	NWS-0900A	-3	-6	-11	-20	-25	-25	-15	-13
	NWS-1200A	-4	-7	-15	-26	-33	-33	-19	-14
NW 20 & NP 20	NWS-0600B	-3	-5	-7	-18	-27	-24	-18	-13
	NWS-0900B	-4	-7	-13	-26	-35	-35	-30	-20
	NWS-1200B	-5	-9	-18	-34	-45	-40	-34	-24
NW 30 & NP 30	NWS-0600C	-3	-5	-7	-18	-27	-24	-18	-13
	NWS-0900C	-4	-7	-13	-26	-35	-35	-30	-20
	NWS-1200C	-5	-9	-18	-34	-45	-40	-34	-24
NW 40 & NP 40	NWS-0600D	-3	-5	-7	-17	-23	-23	-16	-12
	NWS-0900D	-4	-7	-13	-25	-32	-32	-23	-15
	NWS-1200D	-5	-9	-19	-33	-42	-42	-30	-18
NW 50 & NP 50	NWS-0600E	-1	-4	-5	-12	-14	-14	-10	-6
	NWS-0900E	-2	-5	-10	-18	-23	-23	-14	-9
	NWS-1200E	-3	-6	-14	-24	-30	-30	-17	-13
NW 60 & NP 60	NWS-0600F	-2	-3	-6	-18	-27	-24	-18	-12
	NWS-0900F	-3	-5	-10	-26	-36	-34	-30	-20
	NWS-1200F	-4	-7	-15	-34	-47	-39	-32	-26

# NEVADA Direct Drive Air Handling Unit SILENCER PRESSURE DROP DATA



## Silencer Pressure Drop Performance Data

Model	Octave band centre frequencies Hz														
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3	1.4	1.5
NW 10 & NP 10	3	15	25	-	-	-	-	-	-	-	-	-	-	-	-
NW 20 & NP 20	-	6	13	19	25	-	-	-	-	-	-	-	-	-	-
NW 30 & NP 30	-	3	7	10	15	18	22	-	-	-	-	-	-	-	-
NW 40 & NP 40	-	2	6	10	15	18	23	27	32	36	39	-	-	-	-
NW 50 & NP 50	-	-	2	5	7	9	11	13	15	17	-	-	-	-	-
NW 60 & NP 60	-	-	-	2	5	8	12	15	18	22	25	28	32	35	38

# NEVADA 'WRAPAROUND' Direct Drive Air Handling Unit PRICE LIST

## Electric Heater Battery Model

Specification	NWE 10 £	NWE 20 £	NWE 30 £	NWE 40 £	NWE 50 £	NWE 60 £
Single Skinned - Unlined	289	311	331	348	372	436
Single Skinned - Acoustically Lined	325	356	397	415	441	534
Double Skinned - Insulated	346	385	425	448	484	583

Electric Heater price to be added to above

## L.P.H.W Heater Battery Model

Specification	NWHW 10 £	NWHW 20 £	NWHW 30 £	NWHW 40 £	NWHW 50 £	NWHW 60 £
Single Skinned - Unlined	498	556	669	706	736	844
Single Skinned - Acoustically Lined	533	601	735	773	815	944
Double Skinned - Insulated	553	631	764	808	848	994

## Accessories

Item	NW 10 £	NW20 £	NW 30 £	NW 40 £	NW 50 £	NW 60 £
Inlet / Outlet Attenuators 600mm Long	83	103	119	123	126	156
Inlet / Outlet Attenuators 900mm Long	95	120	141	147	150	188
Inlet / Outlet Attenuators 1200mm Long	114	144	171	178	182	230
Outlet Attenuator Spacer*	33	38	42	43	45	49
Inlet Flexible Connector	21	22	23	24	24	25
Discharge Flexible Connector	13	14	14	14	15	15
Manometer	45	45	45	45	45	45
Spare Filter Media	12	14	15	19	26	30
Replacement Fan/Motor (Std Fan)	168	178	184	197	208	281
Bolt On Intake Damper	87	101	114	116	121	137
Plastisol Weathercap	33	38	50	52	54	72
Plastisol Louvre with Birdguard	46	51	61	64	65	77
Extra For Plastisol Casing	11	15	19	20	22	28
100 x 50mm GSS Channel Base	50	52	64	64	65	79
Motor Isolator	53	53	53	53	53	53
Std. Fan Elect. Speed Cont.	34	60	60	119	119	119
Std. Fan Auto Trans. Speed Cont.	164	164	188	188	188	279

\*Must be included when attenuator is to be bolted to unit outlet

**All Prices are Ex Works and Exclude VAT**

**Carriage at 5% of Order Value**

# NEVADA 'PENTAPOST' Direct Drive Air Handling Unit PRICE LIST

## Electric Heater Battery Model

Specification	NPE 10 £	NPE 20 £	NPE 30 £	NPE 40 £	NPE 50 £	NPE 60 £
Double Skinned - Insulated	387	429	465	486	517	620

Electric Heater price to be added to above

## L.P.H.W Heater Battery Model

Specification	NPHW 10 £	NPHW 20 £	NPHW 30 £	NPHW 40 £	NPHW 50 £	NPHW 60 £
Double Skinned - Insulated	596	676	804	846	884	1,033

## Accessories

Item	NP 10 £	NP 20 £	NP 30 £	NP 40 £	NP 50 £	NP 60 £
Inlet / Outlet Attenuators 600mm Long	83	103	119	123	126	156
Inlet / Outlet Attenuators 900mm Long	95	120	141	147	150	188
Inlet / Outlet Attenuators 1200mm Long	114	144	171	178	182	230
Outlet Attenuator Spacer*	33	38	42	43	45	49
Inlet Flexible Connector	21	22	23	24	24	25
Discharge Flexible Connector	13	14	14	14	15	15
Manometer	45	45	45	45	45	45
Spare Filter Media	12	14	15	19	26	30
Replacement Fan/Motor	168	178	184	197	208	281
Bolt On Intake Damper	87	101	114	115	121	137
Plastisol Weathercap	33	38	50	52	54	72
Plastisol Louvre with Birdguard	46	51	61	64	65	77
Extra For Plastisol Casing	11	15	19	20	22	28
100 x 50mm GSS Channel Base	50	52	64	64	65	77
Motor Isolator	53	53	53	53	53	53
Std. Fan Elect. Speed Cont.	34	60	60	119	119	119
Std. Fan Auto Trans. Speed Cont.	164	164	188	188	188	279

\*Must be included when attenuator is to be bolted to unit outlet

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**Carriage at 5% of Order Value**

# NEVADA Direct Drive Air Handling Unit

# ELECTRIC HEATER BATTERY PRICE LIST

Unit Size	Air Vol m <sup>3</sup> /sec	kW Rating	Single Phase Supply Steps (£)				Three Phase Supply Steps (£)		
			1	2	3	4	1	2	3
NWE 10 & NPE 10	All	3.00	86	97	86	97	-	-	-
	All	4.50	101	101	124	-	-	-	-
	All	6.00	124	124	124	-	-	-	-
	All	7.50	130	130	130	-	-	-	-
	0.28+	9.00	153	153	162	153	-	-	-
	0.31+	10.00	157	157	-	157	-	-	-
	0.33+	11.25	170	-	170	-	-	-	-
NWE 20 & NPE 20	All	3.00	83	83	89	100	-	-	-
	0.20+	4.50	99	103	99	-	-	-	-
	0.28+	6.00	116	116	127	116	-	-	-
	0.28+	7.50	137	140	137	-	-	-	-
	0.28+	9.00	148	148	148	156	-	-	-
	0.37+	12.00	181	181	186	181	186	-	-
	0.44+	13.50	-	-	-	-	197	-	197
NWE 30 & NPE 30	0.50+	18.00	-	-	-	-	245	245	-
	All	9.00	148	148	148	156	-	-	-
	All	12.00	181	181	186	181	186	203	-
	All	15.00	-	-	-	-	224	224	-
	All	18.00	-	-	-	-	245	245	-
	0.60+	22.50	-	-	-	-	294	-	-
NWE 40 & NPE 40	0.66+	27.00	-	-	-	-	343	343	343
	All	9.00	148	148	148	156	-	-	-
	All	12.00	158	158	158	181	158	158	-
	All	15.00	-	-	-	-	196	214	-
	All	18.00	-	-	-	-	211	245	211
	All	24.00	-	-	-	-	265	265	-
	0.85+	30.00	-	-	-	-	319	341	-
NWE 50 & NPE 50	0.98+	36.00	-	-	-	-	448	448	448
	0.75+	12.00	158	158	158	181	158	158	-
	0.75+	15.00	-	-	-	-	166	166	-
	0.75+	18.00	-	-	-	-	211	245	211
	0.75+	24.00	-	-	-	-	265	265	-
	0.80+	30.00	-	-	-	-	282	282	-
NWE 60 & NPE 60	0.98+	36.00	-	-	-	-	448	448	448
	All	12.00	128	128	158	128	158	158	-
	All	15.00	-	-	-	-	166	166	-
	All	18.00	-	-	-	-	174	174	211
	All	24.00	-	-	-	-	265	265	-
	0.81+	30.00	-	-	-	-	282	282	-
	1.06+	36.00	-	-	-	-	297	297	372
	1.33+	45.00	-	-	-	-	359	397	397
1.33+	54.00	-	-	-	-	421	421	421	

All Prices are Ex Works and Exclude VAT

Carriage at 5% of Order Value

# NEVADA Direct Drive Air Handling Unit CONTROLS PRICE LIST

## Single Phase

	1 Step £	2 Step £	3 Step £	4 Step £		Thyristor £
3 kW	589	-	-	-	4 kW	683
6 kW	604	604	618	632	6 kW	717
9 kW	629	621	618	632	10 kW	854
12 kW	-	627	649	639	16 kW	940

## Three Phase

	1 Step £	2 Step £	3 Step £	4 Step £	5 Step £	6 Step £		Thyristor £
6 kW	607	618	637	-	-	-	6 kW	746
9 kW	620	637	640	-	-	-	10 kW	754
12 kW	630	637	640	659	-	-	18 kW	895
18 kW	675	665	670	-	-	-	28 kW	1,072
24 kW	714	698	719	713	-	-	36 kW	1,141
30 kW	-	742	719	759	814	842	50 kW	1,231
36 kW	-	780	747	759	-	842		
45 kW	-	-	825	-	884	-		
54 kW	-	854	895	832	-	936		
72 kW	-	-	1,101	1,189	-	1,195		
90 kW	-	-	-	-	-	1,326		

## L.P.H.W

Modulating	£
Controller	747

Modulating	£
Size 10 Valve & Actuator	398
Size 20 Valve & Actuator	410
Size 30 Valve & Actuator	410
Size 40 Valve & Actuator	432
Size 50 Valve & Actuator	432
Size 60 Valve & Actuator	477

On / Off	£
Controller	664

On / Off	£
Size 10 Valve & Actuator	150
Size 20 Valve & Actuator	162
Size 30 Valve & Actuator	180
Size 40 Valve & Actuator	201
Size 50 Valve & Actuator	201
Size 60 Valve & Actuator	246

## Ancillaries

	£
Filter Pressure Switch	20
Filter Dirty Indicator	10
Damper Motor Connections	15
Damper Motor 230v	63
Damper Motor 24v	63
7 Day Analogue Timeclock	54
7 Day Digital Timeclock	91
Extract Fan Control	43
Fire Alarm Relay Connections	44
L.P.H.W Only	
Frost Thermostat	44
Water Pipe Strap On Stat	24

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Carriage at 5% of Order Value



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BS EN ISO 9001:2008  
FMS14545

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